



# **End of Well Report**

**Snake River Oil & Gas  
Fallon #1-11**

**Payette County, Idaho**

**Prepared for Mr. Nathan Caldwell**





November 23, 2021

Mr. Nathan Caldwell

Snake River Oil & Gas

P.O. Box 500

Magnolia, AR 71754

Re: End of Well Report for Barlow #2-14

Mr. Caldwell,

We appreciate the opportunity to do business with Snake River Oil & Gas. The following pages are a summary of the subject well.

The report covers the Fallon #1-11 from the start on Wednesday October 27, 2021 to Friday November 19, 2021. The start depth is surface and the end depth is 5,455' MD. The report includes the plot and surveys, daily reports and the bottom hole assembly review.

Should you have any further questions, feel free to contact us.

Regards,

Aaron Carney

General Manager

Titan Directional Drilling, LLC

832-658-2828 Office

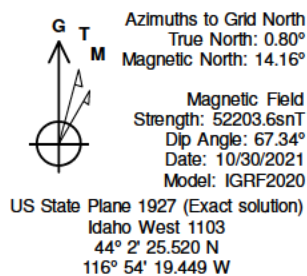
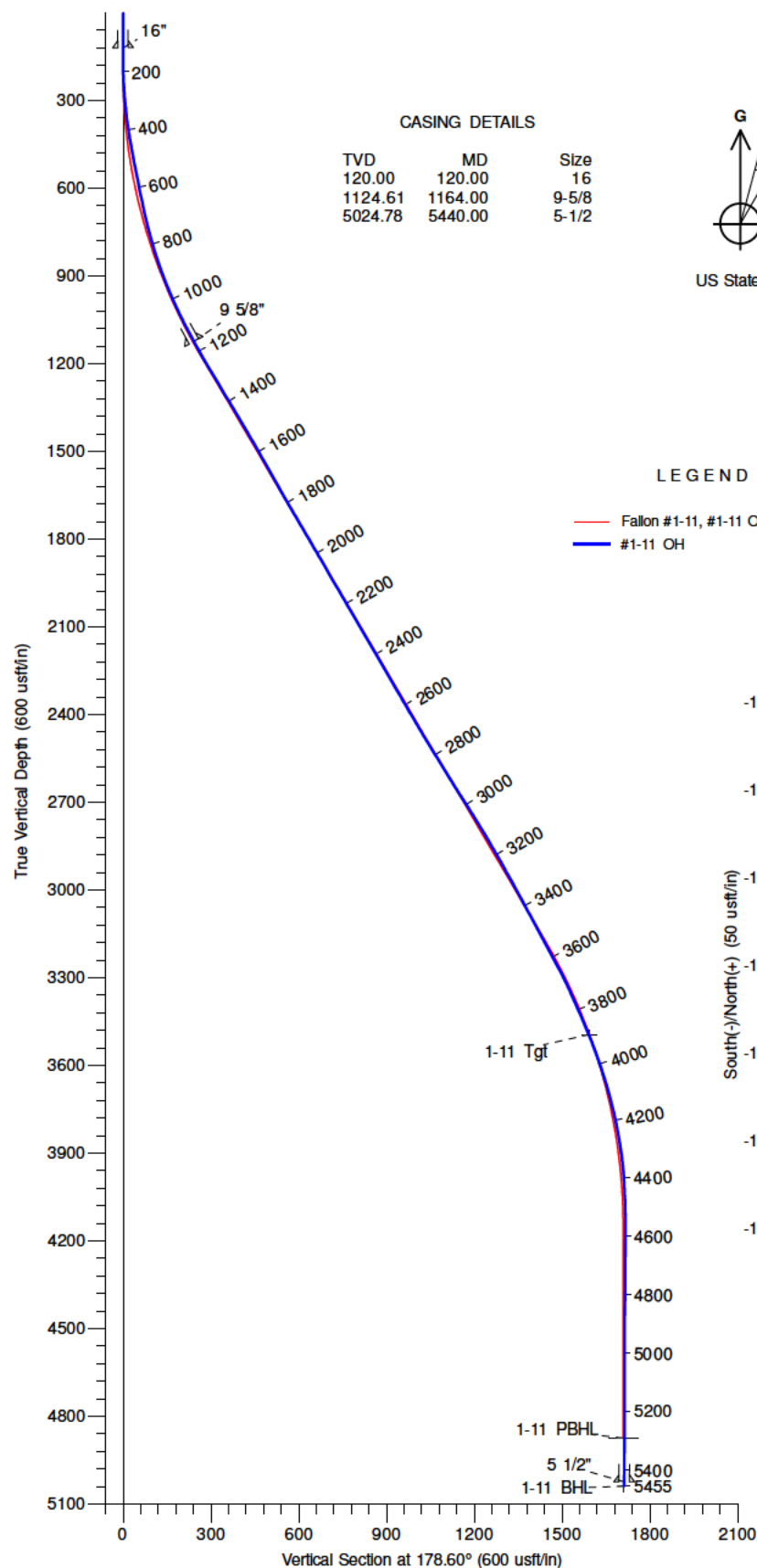
601-616-4225 Cell

# **Section One**

## **As Drilled**

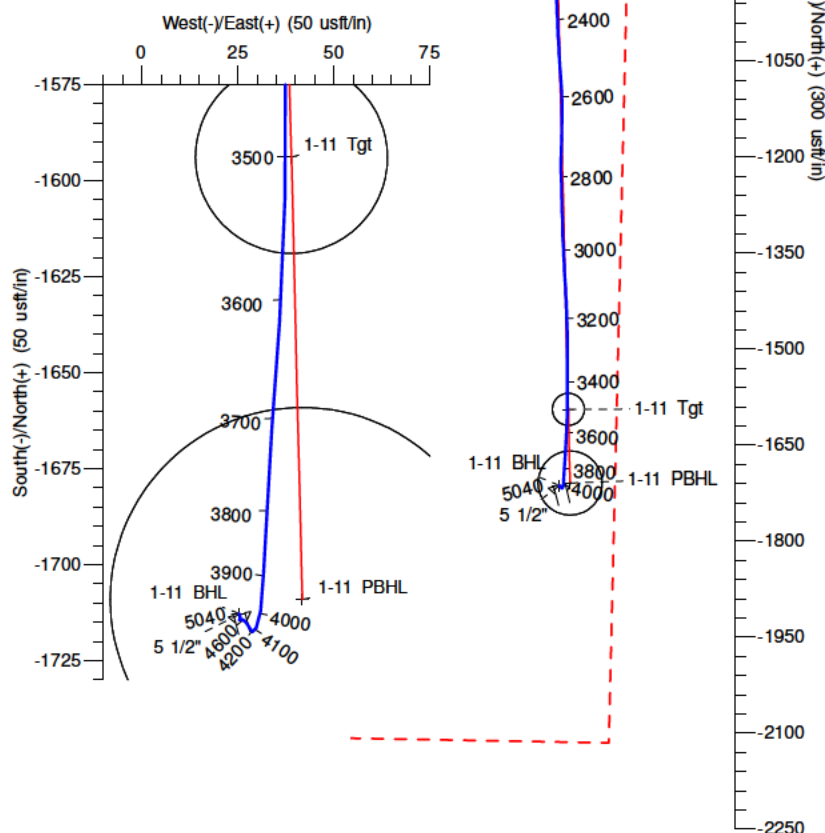
### **Plot and Surveys**

## TIGHT HOLE



## LEGEND

— Fallon #1-11, #1-11 OH, Plan #3 V0  
— #1-11 OH



## DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Fallon 1-11 SL	0.00	0.00	0.00	867218.00	196181.00	44° 2' 25.520 N	116° 54' 19.449 W	Point
1-11 Tgt	3494.00	-1593.94	39.00	865624.00	196220.00	44° 2' 9.786 N	116° 54' 18.609 W	Circle (Radius: 25.00)
1-11 PBHL	4874.00	-1709.08	41.81	865508.85	196222.82	44° 2' 8.649 N	116° 54' 18.549 W	Circle (Radius: 50.00)
1-11 BHL	5039.77	-1712.73	25.40	865505.20	196206.40	44° 2' 8.611 N	116° 54' 18.773 W	Point



# Titan Directional Drilling

## Survey Report

<b>Company:</b>	Snake River Oil and Gas	<b>Local Co-ordinate Reference:</b>	Well Fallon #1-11
<b>Project:</b>	Payette County, ID W'27	<b>TVD Reference:</b>	GL+KB @ 2175.00usft (Paul Graham 4)
<b>Site:</b>	Fallon Unit B Pad	<b>MD Reference:</b>	GL+KB @ 2175.00usft (Paul Graham 4)
<b>Well:</b>	Fallon #1-11	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	#1-11 OH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	#1-11 OH	<b>Database:</b>	EDM 5k-14

<b>Project</b>	Payette County, ID W'27		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Idaho West 1103		Using geodetic scale factor

<b>Site</b>	Fallon Unit B Pad, S11 T8N R5W		
<b>Site Position:</b>		<b>Northing:</b>	867,218.00 usft
<b>From:</b>	Map	<b>Easting:</b>	196,181.00 usft
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13-3/16 "
		<b>Latitude:</b>	44° 2' 25.520 N
		<b>Longitude:</b>	116° 54' 19.449 W
		<b>Grid Convergence:</b>	-0.80 °

<b>Well</b>	Fallon #1-11,		
<b>Well Position</b>	<b>+N/-S</b>	0.00 usft	<b>Northing:</b> 867,218.00 usft
	<b>+E/-W</b>	0.00 usft	<b>Easting:</b> 196,181.00 usft
<b>Position Uncertainty</b>	0.00 usft	<b>Wellhead Elevation:</b>	usft
		<b>Latitude:</b>	44° 2' 25.520 N
		<b>Longitude:</b>	116° 54' 19.449 W
		<b>Ground Level:</b>	2,161.00 usft

<b>Wellbore</b>	#1-11 OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2020	10/30/21	13.36	67.34	52,203.56669034

<b>Design</b>	#1-11 OH				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	178.60	

<b>Survey Program</b>	<b>Date</b>	11/23/21			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
164.00	5,396.00	Survey #1 (#1-11 OH)	MWD	MWD - Standard	
5,455.00	5,455.00	Projection (#1-11 OH)	ZERO-ERROR	Zero Error	

<b>Survey</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Vertical Section (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
120.00	0.37	247.10	120.00	-0.15	-0.35	0.14	0.30	0.30	0.00	
16"										
164.00	0.50	247.10	164.00	-0.28	-0.66	0.26	0.30	0.30	0.00	
256.00	3.50	186.80	255.94	-3.22	-1.36	3.19	3.57	3.26	-65 54	
348.00	7.00	173.40	347.54	-11.58	-1.05	11.55	4.01	3.80	-14 57	
440.00	9.80	170.30	438.54	-24.87	0.91	24.89	3.08	3.04	-3.37	
532.00	11.30	176.20	528.99	-41.59	2.83	41.64	2.01	1.63	6.41	
655.00	11.70	176.90	649.52	-66.06	4.30	66.15	0.34	0.33	0.57	
745.00	14.30	177.60	737.20	-86.28	5.26	86.39	2.89	2.89	0.78	

# Titan Directional Drilling

## Survey Report

<b>Company:</b>	Snake River Oil and Gas	<b>Local Co-ordinate Reference:</b>	Well Fallon #1-11
<b>Project:</b>	Payette County, ID W27	<b>TVD Reference:</b>	GL+KB @ 2175.00usft (Paul Graham 4)
<b>Site:</b>	Fallon Unit B Pad	<b>MD Reference:</b>	GL+KB @ 2175.00usft (Paul Graham 4)
<b>Well:</b>	Fallon #1-11	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	#1-11 OH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	#1-11 OH	<b>Database:</b>	EDM 5k-14

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
838.00	17.60	180.40	826.61	-111.83	5.65	111 93	3.64	3.55	3.01
930.00	21.40	178.20	913.32	-142.52	6.08	142.63	4.21	4.13	-2.39
1,025.00	24.60	180.10	1,000.76	-179.63	6.59	179.74	3.46	3.37	2.00
1,127.00	28.30	178.00	1,092.07	-225.04	7.39	225.15	3.74	3.63	-2.06
1,164.00	28.55	178.45	1,124.61	-242.65	7.94	242.77	0.90	0.69	1.21
9 5/8"									
1,185.00	28.70	178.70	1,143.04	-252.70	8.19	252 83	0.90	0.69	1.20
1,279.00	31.00	179.60	1,224.56	-299.48	8.87	299.61	2.49	2.45	0.96
1,375.00	31.20	179.60	1,306.77	-349.07	9.22	349.19	0.21	0.21	0.00
1,469.00	30.70	178.70	1,387.38	-397.40	9.93	397 53	0.72	-0.53	-0.96
1,562.00	29.90	176.80	1,467.68	-444.28	11.76	444.44	1.34	-0.86	-2.04
1,657.00	29.80	178.50	1,550.08	-491.52	13.70	491.71	0.90	-0.11	1.79
1,751.00	29.20	177.80	1,631.89	-537.79	15.19	538.00	0.74	-0.64	-0.74
1,847.00	30.60	179.00	1,715.11	-585.62	16.52	585.85	1.59	1.46	1.25
1,941.00	30.20	177.60	1,796.19	-633.16	17.93	633.41	0.87	-0.43	-1.49
2,036.00	30.10	180.80	1,878.34	-680.86	18.60	681.11	1.69	-0.11	3.37
2,131.00	30.40	180.60	1,960.40	-728.71	18.01	728.94	0.33	0.32	-0.21
2,226.00	30.20	179.90	2,042.43	-776.64	17.80	776.85	0.43	-0.21	-0.74
2,320.00	30.20	179.00	2,123.67	-823.92	18.26	824.12	0.48	0.00	-0.96
2,415.00	30.20	179.20	2,205.78	-871.70	19.01	871.91	0.11	0.00	0.21
2,510.00	30.20	178.70	2,287.88	-919.48	19.88	919.69	0.26	0.00	-0.53
2,605.00	30.00	178.00	2,370.07	-967.11	21.25	967.34	0.43	-0.21	-0.74
2,699.00	30.90	177.10	2,451.11	-1,014.70	23.29	1,014.96	1.07	0.96	-0.96
2,794.00	31.70	175.90	2,532.28	-1,063.96	26.31	1,064.28	1.07	0.84	-1.26
2,889.00	31.50	177.10	2,613.19	-1,113.64	29.35	1,114.02	0.69	-0.21	1.26
2,983.00	32.80	184.10	2,692.81	-1,163.58	28.77	1,163.94	4.19	1.38	7.45
3,076.00	31.60	179.00	2,771.52	-1,213.08	27.40	1,213.39	3.19	-1.29	-5.48
3,171.00	30.20	178.50	2,853.03	-1,261.85	28.46	1,262.17	1.50	-1.47	-0.53
3,266.00	29.00	177.80	2,935.63	-1,308.75	29.97	1,309.09	1.31	-1.26	-0.74
3,361.00	28.50	177.50	3,018.92	-1,354.41	31.84	1,354.78	0.55	-0.53	-0.32
3,455.00	28.30	176.40	3,101.61	-1,399.05	34.22	1,399.47	0.60	-0.21	-1.17
3,550.00	28.30	178.20	3,185.25	-1,444.03	36.34	1,444.49	0.90	0.00	1.89
3,645.00	28.30	180.10	3,268.90	-1,489.06	37.01	1,489.52	0.95	0.00	2.00
3,739.00	24.00	179.60	3,353.26	-1,530.48	37.10	1,530.93	4.58	-4.57	-0.53
3,834.00	23.50	179.60	3,440.21	-1,568.74	37.37	1,569.18	0.53	-0.53	0.00
3,928.00	21.20	180.60	3,527.15	-1,604.48	37.32	1,604.91	2.48	-2.45	1.06
4,024.00	18.30	184.80	3,617.50	-1,636.86	35.88	1,637.25	3.36	-3.02	4.38
4,120.00	15.20	183.10	3,709.41	-1,664.46	33.94	1,664.79	3.27	-3.23	-1.77
4,215.00	11.40	183.80	3,801.85	-1,686.27	32.64	1,686.56	4.00	-4.00	0.74
4,310.00	8.00	182.60	3,895.48	-1,702.25	31.72	1,702.51	3.59	-3.58	-1.26
4,404.00	4.00	187.70	3,988.94	-1,712.03	30.98	1,712.28	4.29	-4.26	5.43
4,499.00	1.70	211.20	4,083.82	-1,716.52	29.81	1,716.74	2.67	-2.42	24.74
4,593.00	0.40	303.00	4,177.81	-1,717.54	28.81	1,717.73	1.87	-1.38	97.66

# Titan Directional Drilling

## Survey Report

<b>Company:</b>	Snake River Oil and Gas	<b>Local Co-ordinate Reference:</b>	Well Fallon #1-11
<b>Project:</b>	Payette County, ID W27	<b>TVD Reference:</b>	GL+KB @ 2175.00usft (Paul Graham 4)
<b>Site:</b>	Fallon Unit B Pad	<b>MD Reference:</b>	GL+KB @ 2175.00usft (Paul Graham 4)
<b>Well:</b>	Fallon #1-11	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	#1-11 OH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	#1-11 OH	<b>Database:</b>	EDM 5k-14

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,686.00	0.50	337.90	4,270.80	-1,716.98	28.39	1,717.16	0.31	0.11	37.53
4,781.00	0.70	326.20	4,365.80	-1,716.12	27.91	1,716.29	0.25	0.21	-12.32
4,876.00	0.60	324.60	4,460.79	-1,715.23	27.30	1,715.38	0.11	-0.11	-1.68
4,971.00	0.50	306.00	4,555.79	-1,714.58	26.67	1,714.72	0.21	-0.11	-19.58
5,065.00	0.40	278.90	4,649.79	-1,714.29	26.02	1,714.41	0.25	-0.11	-28.83
5,159.00	0.20	227.40	4,743.78	-1,714.35	25.57	1,714.46	0.34	-0.21	-54.79
5,253.00	0.10	357.10	4,837.78	-1,714.38	25.45	1,714.49	0.29	-0.11	137.98
5,347.00	0.40	29.10	4,931.78	-1,714.01	25.60	1,714.12	0.34	0.32	34.04
5,396.00	0.80	346.00	4,980.78	-1,713.53	25.60	1,713.64	1.18	0.82	-87.96
5,440.00	0.80	346.00	5,024.78	-1,712.93	25.45	1,713.04	0.00	0.00	0.00
5 1/2"									
5,455.00	0.80	346.00	5,039.77	-1,712.73	25.40	1,712.84	0.00	0.00	0.00

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude		Longitude
Fallon 1-11 SL	0.00	360.00	0.00	0.00	0.00	867,218.00	196,181.00	44° 2' 25.520 N		116° 54' 19.449 W
- actual wellpath hits target center										
- Point										
1-11 Tgt	0.00	360.00	3,494.00	-1,593.94	39.00	865,624.00	196,220.00	44° 2' 9.786 N		116° 54' 18.609 W
- actual wellpath misses target center by 2.89usft at 3893.33usft MD (3494.92 TVD, -1591.70 N, 37.41 E)										
- Circle (radius 25.00)										
1-11 PBHL	0.00	0.00	4,874.00	-1,709.08	41.81	865,508.85	196,222.82	44° 2' 8.649 N		116° 54' 18.549 W
- actual wellpath misses target center by 17.16usft at 5289.26usft MD (4874.05 TVD, -1714.28 N, 25.47 E)										
- Circle (radius 50.00)										
1-11 BHL	0.00	0.00	5,039.77	-1,712.73	25.40	865,505.20	196,206.41	44° 2' 8.611 N		116° 54' 18.773 W
- actual wellpath hits target center										
- Point										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name		Casing Diameter (")	Hole Diameter (")
120.00	120.00	16"		16	20
1,164.00	1,124.61	9 5/8"		9-5/8	12-1/4
5,440.00	5,024.78	5 1/2"		5-1/2	8-3/4

# **Section Two**

## **Daily Reports**



JOB NO.:	TL21053	Report Time:	2400	1 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT\ RANGE:		
WELL NAME:	Fallon #1-11			

From Wednesday, October 27, 2021 at 0000 to Wednesday, October 27, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	0	<b>Slack Off</b>	0	<b>SPM</b>
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	0	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0	0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>		<b>PV</b>	0	<b>SOLID</b>	0	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	0	<b>GAS</b>	0	<b>YP</b>	0	<b>BHT°</b> 0
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	0	<b>SAND</b>	0	<b>PH</b>	0	<b>Flow T°</b> 0
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	0	<b>WL</b>	0	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2		Nick Brown				5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0				

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
27-Oct-21	00:00	24:00	24.00	0	0	Standby	Travel to rig



JOB NO.:	TL21053	Report Time:	2400	2 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT RANGE:		
WELL NAME:	Fallon #1-11			

From Thursday, October 28, 2021 at 0000 to Thursday, October 28, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	0	<b>Slack Off</b>	0	<b>SPM</b>
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	0	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0	0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>		<b>PV</b>	0	<b>SOLID</b>	0	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	0	<b>GAS</b>	0	<b>YP</b>	0	<b>BHT°</b> 0
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	0	<b>SAND</b>	0	<b>PH</b>	0	<b>Flow T°</b> 0
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	0	<b>WL</b>	0	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2		Nick Brown				5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0				

**Motors On Location:**

Discovery 775DDS010 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 12" Stab (Clean)  
 Discovery 775DDS011 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 11 3/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
28-Oct-21	00:00	24:00	24.00	0	0	Standby	Standby - Moving rig and rig up



JOB NO.:	TL21053	Report Time:	2400	3 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT RANGE:		
WELL NAME:	Fallon #1-11			

From Friday, October 29, 2021 at 0000 to Friday, October 29, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	0	<b>Slack Off</b>	0	<b>SPM</b>
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	0	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0	0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>		<b>PV</b>	0	<b>SOLID</b>	0	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	0	<b>GAS</b>	0	<b>YP</b>	0	<b>BHT°</b> 0
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	0	<b>SAND</b>	0	<b>PH</b>	0	<b>Flow T°</b> 0
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	0	<b>WL</b>	0	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2		Nick Brown				5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0				

**Motors On Location:**

Discovery 775DDS010 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 12" Stab (Clean)  
 Discovery 775DDS011 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 11 3/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
29-Oct-21	00:00	24:00	24.00	0	0	Standby	Standby - Rigging up on new location.





JOB NO.:	TL21053	Report Time:	2400	4 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT RANGE:		
WELL NAME:	Fallon #1-11			

From Saturday, October 30, 2021 at 0000 to Saturday, October 30, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	0	<b>Slack Off</b>	0	<b>SPM</b>
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	0	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0	0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>		<b>PV</b>	0	<b>SOLID</b>	0	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	0	<b>GAS</b>	0	<b>YP</b>	0	<b>BHT°</b> 0
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	0	<b>SAND</b>	0	<b>PH</b>	0	<b>Flow T°</b> 0
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	0	<b>WL</b>	0	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2		Nick Brown				5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0				

**Motors On Location:**

Discovery 775DDS010 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 12" Stab (Clean)  
 Discovery 775DDS011 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 11 3/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
30-Oct-21	00:00	24:00	24.00	0	0	Standby	Standby - Rigging up





<b>JOB NO.:</b>	TL21053	<b>Report Time:</b>	2400	5 of 24
<b>Company:</b>	Snake River Oil and Gas	<b>API JOB #</b>	11-075-20037	
<b>LOCATION:</b>	RM	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Paul Graham 4	<b>FIELD:</b>	Wildcat	
<b>STATE:</b>	ID	<b>Township:</b>	Fruitland	
<b>COUNTY:</b>	Payette	<b>SECT RANGE:</b>		
<b>WELL NAME:</b>	Fallon #1-11			

From Sunday, October 31, 2021 at 0000 to Sunday, October 31, 2021 at 2400

Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0	0	
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2		Nick Brown				5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0				

**Motors On Location:**

Discovery 775DDS010 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 12" Stab (Clean)  
 Discovery 775DDS011 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 11 3/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
31-Oct-21	00:00	24:00	24.00	0	0	Standby	Standby - Rigging up



<b>JOB NO.:</b>	TL21053	<b>Report Time:</b>	2400	6 of 24
<b>Company:</b>	Snake River Oil and Gas	<b>API JOB #</b>	11-075-20037	
<b>LOCATION:</b>	RM	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Paul Graham 4	<b>FIELD:</b>	Wildcat	
<b>STATE:</b>	ID	<b>Township:</b>	Fruitland	
<b>COUNTY:</b>	Payette	<b>SECT RANGE:</b>		
<b>WELL NAME:</b>	Fallon #1-11			

From Monday, November 01, 2021 at 0000 to Monday, November 01, 2021 at 2400

<b>Start Depth</b>	108.00	<b>Rotary Hours</b>	1.83	<b>WOB</b>	0	<b>Pick UP</b>	20	<b>Slack Off</b>	20	<b>SPM</b>	
<b>End Depth</b>	417.00	<b>Circulating Hours</b>	1.33	<b>RAB</b>	20	<b>SPP</b>	700	<b>FlowRate</b>	0 - 405	128	
<b>Total Drilled:</b>	309.00	<b>Avg. Total ROP:</b>	109.06	<b>Mud Data</b>							
<b>Total Rotary Drilled:</b>	228.00	<b>Avg. Rotary ROP:</b>	124.36	<b>Type</b>	WBM	<b>PV</b>	0	<b>SOLID</b>	0		
<b>Total Drilled Sliding:</b>	81.00	<b>Avg. Slide ROP:</b>	81.00	<b>Weight</b>	0	<b>GAS</b>	0	<b>YP</b>	0	<b>BHT°</b>	0
<b>Slide Hours:</b>	1.00	<b>Percent Rotary:</b>	73.79	<b>Viscosity</b>	0	<b>SAND</b>	0	<b>PH</b>	0	<b>Flow T°</b>	0
<b>Below Rotary Hrs.</b>	8.75	<b>Percent Slide:</b>	26.21	<b>Chlorides</b>	0	<b>WL</b>	0			<b>Oil %</b>	0

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	BHA # 1:12 1/4" Smith "XR+CPS, 8" 7/8 4.0 HR ABH @ 1.83º w/ 12" Stab, 11 3/4" IB Stabilizer, UBHO, 8" NMDC, 8" NMDC, X-O Sub, 22 Jts. HWDP (Est. Length), Drilling Jars, 5 Jts. HWDP (Est. Length), ,		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				Signature: <div></div>					
MWD Operator2		Nick Brown									
Directional Company:		Titan Directional Drilling, LLC									
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0	Azm. In:	0	Incl. Out:	3.5	Azm. Out:	186.8				

**Motors On Location:**

Discovery 775DDS010 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 12" Stab (In-Hole)  
 Discovery 775DDS011 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 11 3/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
1-Nov-21	00:00	15:15	15.25	0	0	Standby	Standby - Rigging up
1-Nov-21	15:15	16:00	0.75	0	0	Change BHA	P/U motor and make up bit - M/U stabilizer.
1-Nov-21	16:00	16:40	0.67	0	0	Other	Rig crew lunch break.
1-Nov-21	16:40	17:40	1.00	0	0	Change BHA	M/U UBHO - Orient sleeve - M/U NMDC
1-Nov-21	17:40	18:45	1.08	0	0	Circulating	Kelly up and check surface lines for leaks.
1-Nov-21	18:45	19:20	0.58	0	0	Change BHA	Finish picking up BHA - Make up Monel & crossover
1-Nov-21	19:20	19:30	0.17	108	108	Circulating	Test tools (OK)
1-Nov-21	19:30	19:45	0.25	108	148	Drilling	Drilling - (WOB:5;GPM :326;RPM:40)
1-Nov-21	19:45	19:55	0.17	148	148	Connection	Connection
1-Nov-21	19:55	20:10	0.25	148	171	Drilling	Drilling - (WOB:5;GPM :326;RPM:40)
1-Nov-21	20:10	20:20	0.17	171	171	Connection	Connection
1-Nov-21	20:20	20:35	0.25	171	202	Drilling	Drilling - (WOB:15;GPM :326;RPM:40)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
1-Nov-21	20:35	20:45	0.17	202	202	Connection	Connection
1-Nov-21	20:45	21:00	0.25	202	233	Drilling	Drilling - (WOB:15;GPM :326;RPM:40)
1-Nov-21	21:00	21:10	0.17	233	233	Survey & Conn.	Survey & Conn.@164_Inc 0.5°_Azm 247.1°
1-Nov-21	21:10	21:25	0.25	233	233	Other	Pipe screens stuck in DP
1-Nov-21	21:25	21:50	0.42	233	263	Sliding	Sliding - (WOB:10;GPM :326;TFO:180M))
1-Nov-21	21:50	22:00	0.17	263	263	Connection	Connection
1-Nov-21	22:00	22:05	0.08	263	273	Sliding	Sliding - (WOB:10;GPM :326;TFO:180M))
1-Nov-21	22:05	22:20	0.25	273	293	Drilling	Drilling - (WOB:15;GPM :326;RPM:40)
1-Nov-21	22:20	22:30	0.17	293	293	Connection	Connection
1-Nov-21	22:30	22:40	0.17	293	324	Drilling	Drilling - (WOB:15;GPM :405;RPM:40)
1-Nov-21	22:40	23:05	0.42	324	355	Sliding	Sliding - (WOB:10;GPM :326;TFO:180M))
1-Nov-21	23:05	23:15	0.17	355	355	Survey & Conn.	Survey & Conn.@256_Inc 3.5°_Azm 186.8°
1-Nov-21	23:15	23:20	0.08	355	365	Sliding	Sliding - (WOB:10;GPM :405;TFO:180M))
1-Nov-21	23:20	23:30	0.17	365	386	Drilling	Drilling - (WOB:15;GPM :405;RPM:40)
1-Nov-21	23:30	23:40	0.17	386	386	Connection	Connection
1-Nov-21	23:40	23:55	0.25	386	417	Drilling	Drilling - (WOB:15;GPM :405;RPM:40)
1-Nov-21	23:55	24:00	0.08	417	417	Circulating	Rig crew change



<b>JOB NO.:</b>	TL21053	<b>Report Time:</b>	2400	7 of 24
<b>Company:</b>	Snake River Oil and Gas	<b>API JOB #</b>	11-075-20037	
<b>LOCATION:</b>	RM	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Paul Graham 4	<b>FIELD:</b>	Wildcat	
<b>STATE:</b>	ID	<b>Township:</b>	Fruitland	
<b>COUNTY:</b>	Payette	<b>SECT RANGE:</b>		
<b>WELL NAME:</b>	Fallon #1-11			

From Tuesday, November 02, 2021 at 0000 to Tuesday, November 02, 2021 at 2400

<b>Start Depth</b>	417.00	<b>Rotary Hours</b>	5.45	<b>WOB</b>	0	<b>Pick UP</b>	42	<b>Slack Off</b>	33	<b>SPM</b>	
<b>End Depth</b>	1186.00	<b>Circulating Hours</b>	4.68	<b>RAB</b>	38	<b>SPP</b>	0	<b>FlowRate</b>	0 - 640		0
<b>Total Drilled:</b>	769.00	<b>Avg. Total ROP:</b>	92.46	<b>Mud Data</b>							
<b>Total Rotary Drilled:</b>	487.00	<b>Avg. Rotary ROP:</b>	89.36	<b>Type</b>	WBM	<b>PV</b>	0	<b>SOLID</b>			0
<b>Total Drilled Sliding:</b>	282.00	<b>Avg. Slide ROP:</b>	98.37	<b>Weight</b>	0	<b>GAS</b>	0	<b>YP</b>	0	<b>BHT°</b>	125
<b>Slide Hours:</b>	2.87	<b>Percent Rotary:</b>	63.33	<b>Viscosity</b>	0	<b>SAND</b>	0	<b>PH</b>	0	<b>Flow T°</b>	0
<b>Below Rotary Hrs.</b>	24.00	<b>Percent Slide:</b>	36.67	<b>Chlorides</b>	0	<b>WL</b>	0			<b>Oil %</b>	0

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	BHA # 1:12 1/4" Smith "XR+CPS, 8" 7/8 4.0 HR ABH @ 1.83º w/ 12" Stab, 11 3/4" IB Stabilizer, UBHO, 8" NMDC, 8" NMDC, X-O Sub, 22 Jts. HWDP (Est. Length), Drilling Jars, 5 Jts. HWDP (Est. Length), ,
Second Directional :		Toby Wilson				16	65	120	
MWD Operator1		Matt McDavid				9 5/8	36	1164	
MWD Operator2		Nick Brown							
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>			
Geologist:									
Company Man:		Clint Harman / Glenn Smith							
Incl. In:	3.5	Azm. In:	186.8	Incl. Out:	28.3	Azm. Out:	178		

**Motors On Location:**

Discovery 775DDS010 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 12" Stab (Dirty)  
 Discovery 775DDS011 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 11 3/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
2-Nov-21	00:00	00:25	0.42	417	417	Circulating	Rig crew change
2-Nov-21	00:25	00:40	0.25	417	437	Sliding	Sliding - (WOB:10;GPM :544;TFO:180M))
2-Nov-21	00:40	00:45	0.08	437	447	Drilling	Drilling - (WOB:15;GPM :544;RPM:40)
2-Nov-21	00:45	00:55	0.17	447	447	Survey & Conn.	Survey & Conn.@348_Inc 7°_Azm 173.4°
2-Nov-21	00:55	01:20	0.42	447	478	Sliding	Sliding - (WOB:12;GPM :544;TFO:185M))
2-Nov-21	01:20	01:35	0.25	478	478	Connection	Connection
2-Nov-21	01:35	01:55	0.33	478	508	Drilling	Drilling - (WOB:15;GPM :544;RPM:40)
2-Nov-21	01:55	02:10	0.25	508	508	Connection	Connection
2-Nov-21	02:10	02:25	0.25	508	539	Drilling	Drilling - (WOB:15;GPM :544;RPM:40)
2-Nov-21	02:25	02:35	0.17	539	539	Survey & Conn.	Survey & Conn.@440_Inc 9.8°_Azm 170.3°
2-Nov-21	02:35	02:50	0.25	539	559	Sliding	Sliding - (WOB:12;GPM :544;TFO:215M))
2-Nov-21	02:50	02:55	0.08	559	570	Drilling	Drilling - (WOB:15;GPM :544;RPM:40)



Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
2-Nov-21	02:55	03:40	0.75	570	570	Circulating	Circulate bottoms up for short trip to conductor
2-Nov-21	03:40	04:15	0.58	570	570	Short Trip	Short trip to conductor
2-Nov-21	04:15	04:40	0.42	570	570	TIH	Trip in hole to bottom
2-Nov-21	04:40	05:00	0.33	570	601	Drilling	Drilling - (WOB:15;GPM :527;RPM:40)
2-Nov-21	05:00	05:10	0.17	601	601	Connection	Connection
2-Nov-21	05:10	05:35	0.42	601	631	Drilling	Drilling - (WOB:15;GPM :527;RPM:40)
2-Nov-21	05:35	05:48	0.22	631	631	Survey & Conn.	Survey & Conn.@532_Inc 11.3°_Azm 176.2°
2-Nov-21	05:48	07:00	1.20	631	723	Drilling	Drilling - (WOB:15;GPM :527;RPM:40)
2-Nov-21	07:00	07:20	0.33	723	723	Survey & Conn.	Survey & Conn.@655_Inc 11.7°_Azm 176.9°
2-Nov-21	07:20	07:40	0.33	723	753	Sliding	Sliding - (WOB:12;GPM :640;TFO:20R))
2-Nov-21	07:40	07:54	0.23	753	753	Connection	Connection
2-Nov-21	07:54	08:02	0.13	753	763	Sliding	Sliding - (WOB:12;GPM :640;TFO:15L))
2-Nov-21	08:02	08:40	0.63	763	815	Drilling	Drilling - (WOB:15;GPM :640;RPM:40)
2-Nov-21	08:40	08:55	0.25	815	815	Survey & Conn.	Survey & Conn.@745_Inc 14.3°_Azm 177.6°
2-Nov-21	08:55	09:11	0.27	815	815	Other	Tighten caps on pumps.
2-Nov-21	09:11	09:26	0.25	815	844	Sliding	Sliding - (WOB:12;GPM :640;TFO:25R))
2-Nov-21	09:26	09:40	0.23	844	844	Connection	Connection
2-Nov-21	09:40	09:50	0.17	844	855	Sliding	Sliding - (WOB:12;GPM :640;TFO:0))
2-Nov-21	09:50	10:40	0.83	855	906	Drilling	Drilling - (WOB:15;GPM :640;RPM:40)
2-Nov-21	10:40	11:00	0.33	906	906	Survey & Conn.	Survey & Conn.@838_Inc 17.6°_Azm 180.4°
2-Nov-21	11:00	11:14	0.23	906	936	Sliding	Sliding - (WOB:12;GPM :640;TFO:0G))
2-Nov-21	11:14	11:25	0.18	936	936	Connection	Connection
2-Nov-21	11:25	11:32	0.12	936	950	Sliding	Sliding - (WOB:12;GPM :640;TFO:25L))
2-Nov-21	11:32	12:02	0.50	950	999	Drilling	Drilling - (WOB:15;GPM :640;RPM:40)
2-Nov-21	12:02	12:22	0.33	999	999	Survey & Conn.	Survey & Conn.@930_Inc 21.4°_Azm 178.2°
2-Nov-21	12:22	12:40	0.30	999	1029	Sliding	Sliding - (WOB:12;GPM :640;TFO:30R))
2-Nov-21	12:40	12:53	0.22	1029	1029	Connection	Connection
2-Nov-21	12:53	12:57	0.07	1029	1039	Sliding	Sliding - (WOB:15;GPM :640;TFO:0G))
2-Nov-21	12:57	13:22	0.42	1039	1092	Drilling	Drilling - (WOB:15;GPM :640;RPM:40)
2-Nov-21	13:22	13:42	0.33	1092	1092	Survey & Conn.	Survey & Conn.@1025_Inc 24.6°_Azm 180.1°
2-Nov-21	13:42	13:58	0.27	1092	1124	Sliding	Sliding - (WOB:15;GPM :640;TFO:10L))
2-Nov-21	13:58	14:09	0.18	1124	1124	Connection	Connection
2-Nov-21	14:09	14:14	0.08	1124	1139	Sliding	Sliding - (WOB:15;GPM :640;TFO:10L))
2-Nov-21	14:14	14:22	0.13	1139	1155	Drilling	Drilling - (WOB:15;GPM :640;RPM:40)
2-Nov-21	14:22	15:17	0.92	1155	1155	Circulating	Circulating - wait on orders. Decision was made to drill another joint.
2-Nov-21	15:17	15:25	0.13	1155	1155	Connection	Connection
2-Nov-21	15:25	15:39	0.23	1155	1186	Drilling	Drilling - (WOB:15;GPM :640;RPM:40)
2-Nov-21	15:39	15:45	0.10	1186	1186	MWD Survey	MWD Survey@1127_Inc 28.3°_Azm 178°
2-Nov-21	15:45	17:05	1.33	1186	1186	Circulating	Circulate to clean hole
2-Nov-21	17:05	18:10	1.08	1186	1186	Short Trip	Short trip to conductor
2-Nov-21	18:10	19:00	0.83	1186	1186	TIH	Trip in hole to bottom
2-Nov-21	19:00	20:10	1.17	1186	1186	Circulating	Circulate to clean hole - Pump slug to POOH
2-Nov-21	20:10	21:10	1.00	1186	1186	POOH	Pull out of hole to run surface casing
2-Nov-21	21:10	21:40	0.50	1186	1186	Other	Rig crew lunch break
2-Nov-21	21:40	24:00	2.33	1186	1186	Change BHA	Lay down BHA #1



<b>JOB NO.:</b>	TL21053	<b>Report Time:</b>	2400	8 of 24
<b>Company:</b>	Snake River Oil and Gas	<b>API JOB #</b>	11-075-20037	
<b>LOCATION:</b>	RM	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Paul Graham 4	<b>FIELD:</b>	Wildcat	
<b>STATE:</b>	ID	<b>Township:</b>	Fruitland	
<b>COUNTY:</b>	Payette	<b>SECT RANGE:</b>		
<b>WELL NAME:</b>	Fallon #1-11			

From Wednesday, November 03, 2021 at 0000 to Wednesday, November 03, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	42	<b>Slack Off</b>	33	<b>SPM</b>	
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	38	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0		0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>							
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>	WBM	<b>PV</b>	0	<b>SOLID</b>			0
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	0	<b>GAS</b>	0	<b>YP</b>	0	<b>BHT°</b>	125
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	0	<b>SAND</b>	0	<b>PH</b>	0	<b>Flow T°</b>	0
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	0	<b>WL</b>	0			<b>Oil %</b>	0

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2		Nick Brown				5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	28.3	Azm. In:	178	Incl. Out:	28.3	Azm. Out:	178				

**Motors On Location:**

Discovery 775DDS010 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 12" Stab (Sent-In 11-3-21)  
 Discovery 775DDS011 - 8" 7/8 4.0 HR ABH @ 1.83° w/ 11 3/4" Stab (Sent-In 11-3-21)  
 Discovery 675-0091ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)  
 Discovery 675-0071ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Nov-21	00:00	09:30	9.50	1186	1186	Standby	Rig up casing crew - Run surface casing and cement
3-Nov-21	09:30	24:00	14.50	1186	1186	Standby	Wait on cement



JOB NO.:	TL21053	Report Time:	2400	9 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT\ RANGE:		
WELL NAME:	Fallon #1-11			

From Thursday, November 04, 2021 at 0000 to Thursday, November 04, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	42	<b>Slack Off</b>	33	<b>SPM</b>
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	38	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0	0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>	WBM	<b>PV</b>	0	<b>SOLID</b>	0	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	0	<b>GAS</b>	0	<b>YP</b>	0	<b>BHT°</b> 125
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	0	<b>SAND</b>	0	<b>PH</b>	0	<b>Flow T°</b> 0
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	0	<b>WL</b>	0	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2						5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	28.3	Azm. In:	178	Incl. Out:	28.3	Azm. Out:	178				

**Motors On Location:**

Discovery 675-0091ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)  
 Discovery 675-0071ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
4-Nov-21	00:00	10:00	10.00	1186	1186	Standby	Wait on cement
4-Nov-21	10:00	24:00	14.00	1186	1186	Standby	Cement did not hold - Waiting on saw to cut casing & cap well



<b>JOB NO.:</b>	TL21053	<b>Report Time:</b>	2400	10 of 24
<b>Company:</b>	Snake River Oil and Gas	<b>API JOB #</b>	11-075-20037	
<b>LOCATION:</b>	RM	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Paul Graham 4	<b>FIELD:</b>	Wildcat	
<b>STATE:</b>	ID	<b>Township:</b>	Fruitland	
<b>COUNTY:</b>	Payette	<b>SECT RANGE:</b>		
<b>WELL NAME:</b>	Fallon #1-11			

From Friday, November 05, 2021 at 0000 to Friday, November 05, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	42	<b>Slack Off</b>	33	<b>SPM</b>	
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	38	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0		0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>							
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>	WBM	<b>PV</b>	0	<b>SOLID</b>			0
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	0	<b>GAS</b>	0	<b>YP</b>	0	<b>BHT°</b>	125
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	0	<b>SAND</b>	0	<b>PH</b>	0	<b>Flow T°</b>	0
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	0	<b>WL</b>	0			<b>Oil %</b>	0

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2						5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	28.3	Azm. In:	178	Incl. Out:	28.3	Azm. Out:	178				

**Motors On Location:**

Discovery 675-0091ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)  
 Discovery 675-0071ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
5-Nov-21	00:00	17:30	17.50	1186	1186	Standby	Cement did not hold - Waiting on cold cut saw to cut conductor and weld cap plates between casing and conductor with relief port.
5-Nov-21	17:30	19:00	1.50	1186	1186	Standby	Weld on well head - Welder released for the night
5-Nov-21	19:00	24:00	5.00	1186	1186	Standby	Wait on welder to return @ 07:00 & finish welding on well head





<b>JOB NO.:</b>	TL21053	<b>Report Time:</b>	2400	11 of 24
<b>Company:</b>	Snake River Oil and Gas	<b>API JOB #</b>	11-075-20037	
<b>LOCATION:</b>	RM	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Paul Graham 4	<b>FIELD:</b>	Wildcat	
<b>STATE:</b>	ID	<b>Township:</b>	Fruitland	
<b>COUNTY:</b>	Payette	<b>SECT RANGE:</b>		
<b>WELL NAME:</b>	Fallon #1-11			

From Saturday, November 06, 2021 at 0000 to Saturday, November 06, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	42	<b>Slack Off</b>	33	<b>SPM</b>	
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	38	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0		0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>							
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>	WBM	<b>PV</b>	0	<b>SOLID</b>			0
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	0	<b>GAS</b>	0	<b>YP</b>	0	<b>BHT°</b>	125
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	0	<b>SAND</b>	0	<b>PH</b>	0	<b>Flow T°</b>	0
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	0	<b>WL</b>	0			<b>Oil %</b>	0

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2						5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	28.3	Azm. In:	178	Incl. Out:	28.3	Azm. Out:	178				

**Motors On Location:**

Discovery 675-0091ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)  
 Discovery 675-0071ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
6-Nov-21	00:00	07:00	7.00	1186	1186	Standby	Wait on welder to return @ 07:00 & finish welding on well head
6-Nov-21	07:00	18:30	11.50	1186	1186	Standby	Standby - Weld on well head and nipple up BOPS
6-Nov-21	18:30	24:00	5.50	1186	1186	Standby	Test BOPS



<b>JOB NO.:</b>	TL21053	<b>Report Time:</b>	2400	12 of 24
<b>Company:</b>	Snake River Oil and Gas	<b>API JOB #</b>	11-075-20037	
<b>LOCATION:</b>	RM	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Paul Graham 4	<b>FIELD:</b>	Wildcat	
<b>STATE:</b>	ID	<b>Township:</b>	Fruitland	
<b>COUNTY:</b>	Payette	<b>SECT RANGE:</b>		
<b>WELL NAME:</b>	Fallon #1-11			

From Sunday, November 07, 2021 at 0000 to Sunday, November 07, 2021 at 2400

Start Depth	1186.00	Rotary Hours	6.75	WOB	15	Pick UP	42	Slack Off	33	SPM	
End Depth	1955.00	Circulating Hours	6.55	RAB	38	SPP	2000	FlowRate	0 - 572	217	
Total Drilled:	769.00	Avg. Total ROP:	98.38	Mud Data							
Total Rotary Drilled:	699.00	Avg. Rotary ROP:	103.56	Type	WBM			PV	13	SOLID	7
Total Drilled Sliding:	70.00	Avg. Slide ROP:	65.63	Weight	9.8	GAS	0	YP	9	BHT°	125
Slide Hours:	1.07	Percent Rotary:	90.90	Viscosity	39	SAND	0	PH	7.3	Flow T°	62
Below Rotary Hrs.	23.50	Percent Slide:	9.10	Chlorides	1300	WL	5			Oil %	0
Lead Directional :	Chris Anderson			Size	Lb/ft	Set Depth		BHA # 2:8 1/2" Smith (XR+CPS), 6 3/4" 7/8 5.7 HR ABH @ 1.83° w/ 8 1/4" Stab, 8" IB Stabilizer, UBHO, NMDC, NMDC, X-O Sub, 22 Jts. HWDP (Est. Length), Drilling Jars, 5 Jts. HWDP (Est. Length), ,			
Second Directional :	Toby Wilson			16	65	120					
MWD Operator1	Matt McDavid			9 5/8	36	1164					
MWD Operator2											
Directional Company:	Titan Directional Drilling, LLC			Signature:							
Geologist:											
Company Man:	Clint Harman / Glenn Smith										
Incl. In:	28.3	Azm. In:	178	Incl. Out:	29.2	Azm. Out:	177.8				

**Motors On Location:**

Discovery 675-0091ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (In Hole)  
 Discovery 675-0071ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
7-Nov-21	00:00	00:30	0.50	1186	1186	Standby	Test BOPS
7-Nov-21	00:30	02:50	2.33	1186	1186	Change BHA	Pick up BHA #2 - Make up bit - Orient tools - Install MWD probe
7-Nov-21	02:50	03:10	0.33	1186	1186	Circulating	Test tools (OK)
7-Nov-21	03:10	04:10	1.00	1186	1186	Other	Rig crew lunch break
7-Nov-21	04:10	06:00	1.83	1186	1186	TIH	Trip in hole - Tag cement @ 1113'
7-Nov-21	06:00	06:50	0.83	1186	1186	Circulating	Drill float @ 1122' and shoe track @ 1164'.
7-Nov-21	06:50	07:45	0.92	1186	1186	Circulating	Circulate and condition mud. Build pill for FIT
7-Nov-21	07:45	09:05	1.33	1186	1186	Circulating	FIT
7-Nov-21	09:05	09:40	0.58	1186	1252	Drilling	Drilling - (WOB:15;GPM :438;RPM:40)
7-Nov-21	09:40	10:23	0.72	1252	1252	Circulating	Circulating - Increase mud weight to 10.0
7-Nov-21	10:23	10:36	0.22	1252	1252	Survey & Conn.	Survey & Conn.@1185_Inc 28.7°_Azm 178.7°
7-Nov-21	10:36	10:55	0.32	1252	1277	Sliding	Sliding - (WOB:15;GPM :520;TFO:20R))

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
7-Nov-21	10:55	11:28	0.55	1277	1347	Drilling	Drilling - (WOB:15;GPM :520;RPM:40)
7-Nov-21	11:28	11:47	0.32	1347	1347	Survey & Conn.	Survey & Conn.@1279_Inc 31°_Azm 179.6°
7-Nov-21	11:47	12:40	0.88	1347	1442	Drilling	Drilling - (WOB:15;GPM :520;RPM:40)
7-Nov-21	12:40	12:55	0.25	1442	1442	Survey & Conn.	Survey & Conn.@1375_Inc 31.2°_Azm 179.6°
7-Nov-21	12:55	14:40	1.75	1442	1442	Circulating	Circulating - Increase mud weight to 10.3
7-Nov-21	14:40	15:40	1.00	1442	1537	Drilling	Drilling - (WOB:15;GPM :520;RPM:50)
7-Nov-21	15:40	16:00	0.33	1537	1537	Survey & Conn.	Survey & Conn.@1469_Inc 30.7°_Azm 178.7°
7-Nov-21	16:00	16:50	0.83	1537	1631	Drilling	Drilling - (WOB:15;GPM :520;RPM:50)
7-Nov-21	16:50	17:26	0.60	1631	1631	Survey & Conn.	Survey & Conn.@1562_Inc 29.9°_Azm 176.8°
7-Nov-21	17:26	17:41	0.25	1631	1646	Sliding	Sliding - (WOB:15;GPM :520;TFO:80R))
7-Nov-21	17:41	18:10	0.48	1646	1693	Drilling	Drilling - (WOB:15;GPM :520;RPM:50)
7-Nov-21	18:10	18:50	0.67	1693	1693	Circulating	Circulating to clean hole for short trip
7-Nov-21	18:50	19:30	0.67	1693	1693	Short Trip	Short trip to shoe and back to bottom
7-Nov-21	19:30	19:50	0.33	1693	1724	Drilling	Drilling - (WOB:15;GPM :520;RPM:50)
7-Nov-21	19:50	20:05	0.25	1724	1724	Survey & Conn.	Survey & Conn.@1657_Inc 29.8°_Azm 178.5°
7-Nov-21	20:05	20:25	0.33	1724	1756	Drilling	Drilling - (WOB:15;GPM :555;RPM:50)
7-Nov-21	20:25	20:35	0.17	1756	1756	Connection	Connection
7-Nov-21	20:35	20:55	0.33	1756	1788	Drilling	Drilling - (WOB:15;GPM :572;RPM:50)
7-Nov-21	20:55	21:05	0.17	1788	1788	Connection	Connection
7-Nov-21	21:05	21:25	0.33	1788	1819	Drilling	Drilling - (WOB:15;GPM :572;RPM:50)
7-Nov-21	21:25	21:45	0.33	1819	1819	Survey & Conn.	Survey & Conn.@1751_Inc 29.2°_Azm 177.8°
7-Nov-21	21:45	22:15	0.50	1819	1849	Sliding	Sliding - (WOB:15;GPM :572;TFO:30R))
7-Nov-21	22:15	22:25	0.17	1849	1849	Connection	Connection
7-Nov-21	22:25	22:45	0.33	1849	1882	Drilling	Drilling - (WOB:15;GPM :572;RPM:50)
7-Nov-21	22:45	22:55	0.17	1882	1882	Connection	Connection
7-Nov-21	22:55	23:15	0.33	1882	1914	Drilling	Drilling - (WOB:15;GPM :572;RPM:50)
7-Nov-21	23:15	23:25	0.17	1914	1914	Survey & Conn.	Survey & Conn.@1847_Inc 30.6°_Azm 179°
7-Nov-21	23:25	23:45	0.33	1914	1946	Drilling	Drilling - (WOB:15;GPM :572;RPM:50)
7-Nov-21	23:45	23:55	0.17	1946	1946	Connection	Connection
7-Nov-21	23:55	24:00	0.08	1946	1955	Drilling	Drilling - (WOB:15;GPM :572;RPM:50)



<b>JOB NO.:</b>	TL21053	<b>Report Time:</b>	2400	13 of 24
<b>Company:</b>	Snake River Oil and Gas	<b>API JOB #</b>	11-075-20037	
<b>LOCATION:</b>	RM	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Paul Graham 4	<b>FIELD:</b>	Wildcat	
<b>STATE:</b>	ID	<b>Township:</b>	Fruitland	
<b>COUNTY:</b>	Payette	<b>SECT RANGE:</b>		
<b>WELL NAME:</b>	Fallon #1-11			

From Monday, November 08, 2021 at 0000 to Monday, November 08, 2021 at 2400

<b>Start Depth</b>	1955.00	<b>Rotary Hours</b>	12.13	<b>WOB</b>	0	<b>Pick UP</b>	55	<b>Slack Off</b>	45	<b>SPM</b>
<b>End Depth</b>	3175.00	<b>Circulating Hours</b>	4.17	<b>RAB</b>	50	<b>SPP</b>	2050	<b>FlowRate</b>	0 - 572	209
<b>Total Drilled:</b>	1220.00	<b>Avg. Total ROP:</b>	90.37	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	1127.00	<b>Avg. Rotary ROP:</b>	92.88	<b>Type</b>	WBM	<b>PV</b>	13	<b>SOLID</b>	7	
<b>Total Drilled Sliding:</b>	93.00	<b>Avg. Slide ROP:</b>	68.05	<b>Weight</b>	9.8	<b>GAS</b>	0	<b>YP</b>	9	<b>BHT°</b> 125
<b>Slide Hours:</b>	1.37	<b>Percent Rotary:</b>	92.38	<b>Viscosity</b>	39	<b>SAND</b>	0	<b>PH</b>	7.3	<b>Flow T°</b> 62
<b>Below Rotary Hrs.</b>	24.00	<b>Percent Slide:</b>	7.62	<b>Chlorides</b>	1300	<b>WL</b>	5	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	BHA # 2:8 1/2" Smith (XR+CPS), 6 3/4" 7/8 5.7 HR ABH @ 1.83° w/ 8 1/4" Stab, 8" IB Stabilizer, UBHO, NMDC, NMDC, X-O Sub, 22 Jts. HWDP (Est. Length), Drilling Jars, 5 Jts. HWDP (Est. Length), ,		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2											
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	29.2	Azm. In:	177.8	Incl. Out:	31.6	Azm. Out:	179				

**Motors On Location:**

Discovery 675-0091ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (In Hole)  
 Discovery 675-0071ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-Nov-21	00:00	00:15	0.25	1955	1977	Drilling	Drilling - (WOB:15;GPM :572;RPM:50)
8-Nov-21	00:15	00:25	0.17	1977	1977	Connection	Connection
8-Nov-21	00:25	00:45	0.33	1977	2009	Drilling	Drilling - (WOB:15;GPM :572;RPM:50)
8-Nov-21	00:45	00:55	0.17	2009	2009	Survey & Conn.	Survey & Conn.@1941_Inc 30.2°_Azm 177.6°
8-Nov-21	00:55	01:15	0.33	2009	2029	Sliding	Sliding - (WOB:15;GPM :572;TFO:45R))
8-Nov-21	01:15	01:25	0.17	2029	2040	Drilling	Drilling - (WOB:15;GPM :572;RPM:50)
8-Nov-21	01:25	01:35	0.17	2040	2040	Connection	Connection
8-Nov-21	01:35	01:55	0.33	2040	2072	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	01:55	02:05	0.17	2072	2072	Connection	Connection
8-Nov-21	02:05	02:25	0.33	2072	2104	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	02:25	02:35	0.17	2104	2104	Survey & Conn.	Survey & Conn.@2036_Inc 30.1°_Azm 180.8°
8-Nov-21	02:35	02:55	0.33	2104	2135	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)



Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-Nov-21	02:55	03:05	0.17	2135	2135	Connection	Connection
8-Nov-21	03:05	03:25	0.33	2135	2167	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	03:25	03:35	0.17	2167	2167	Connection	Connection
8-Nov-21	03:35	03:55	0.33	2167	2199	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	03:55	04:05	0.17	2199	2199	Survey & Conn.	Survey & Conn.@2131_Inc 30.4°_Az 180.6°
8-Nov-21	04:05	04:50	0.75	2199	2230	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	04:50	05:00	0.17	2230	2230	Connection	Connection
8-Nov-21	05:00	05:20	0.33	2230	2261	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	05:20	05:30	0.17	2261	2261	Connection	Connection
8-Nov-21	05:30	05:50	0.33	2261	2293	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	05:50	06:05	0.25	2293	2293	Survey & Conn.	Survey & Conn.@2226_Inc 30.2°_Az 179.9°
8-Nov-21	06:05	06:55	0.83	2293	2388	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	06:55	07:10	0.25	2388	2388	Survey & Conn.	Survey & Conn.@2320_Inc 30.2°_Az 179°
8-Nov-21	07:10	08:10	1.00	2388	2483	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	08:10	08:35	0.42	2483	2483	Survey & Conn.	Survey & Conn.@2415_Inc 30.2°_Az 179.2°
8-Nov-21	08:35	09:05	0.50	2483	2519	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	09:05	09:55	0.83	2519	2519	Circulating	Circulating - Flow line and stack over flowing
8-Nov-21	09:55	10:25	0.50	2519	2552	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	10:25	10:45	0.33	2552	2552	Circulating	Circulating - Flow line and stack over flowing
8-Nov-21	10:45	11:00	0.25	2552	2577	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	11:00	11:25	0.42	2577	2577	Survey & Conn.	Survey & Conn.@2510_Inc 30.2°_Az 178.7°
8-Nov-21	11:25	12:45	1.33	2577	2672	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	12:45	13:05	0.33	2672	2672	Survey & Conn.	Survey & Conn.@2605_Inc 30°_Az 178°
8-Nov-21	13:05	13:20	0.25	2672	2672	Circulating	Stack over flowing
8-Nov-21	13:20	13:27	0.12	2672	2680	Sliding	Sliding - (WOB:15;GPM :525;TFO:0G))
8-Nov-21	13:27	13:45	0.30	2680	2704	Drilling	Drilling - (WOB:15;GPM :525;RPM:50)
8-Nov-21	13:45	15:30	1.75	2704	2704	Circulating	Circulating - Clean hole for short trip
8-Nov-21	15:30	16:30	1.00	2704	2704	Short Trip	Short trip to 1700'
8-Nov-21	16:30	17:15	0.75	2704	2704	Circulating	Circulating while working on electrical switch issues on pump
8-Nov-21	17:15	17:55	0.67	2704	2766	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	17:55	18:05	0.17	2766	2766	Survey & Conn.	Survey & Conn.@2699_Inc 30.9°_Az 177.1°
8-Nov-21	18:05	18:25	0.33	2766	2798	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	18:25	18:35	0.17	2798	2798	Connection	Connection
8-Nov-21	18:35	18:50	0.25	2798	2830	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	18:50	19:00	0.17	2830	2830	Connection	Connection
8-Nov-21	19:00	19:15	0.25	2830	2862	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	19:15	19:25	0.17	2862	2862	Survey & Conn.	Survey & Conn.@2794_Inc 31.7°_Az 175.9°
8-Nov-21	19:25	19:40	0.25	2862	2882	Sliding	Sliding - (WOB:15;GPM :551;TFO:90R))
8-Nov-21	19:40	19:45	0.08	2882	2893	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	19:45	19:55	0.17	2893	2893	Connection	Connection
8-Nov-21	19:55	20:10	0.25	2893	2925	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	20:10	20:15	0.08	2925	2925	Connection	Connection
8-Nov-21	20:15	20:30	0.25	2925	2957	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	20:30	20:40	0.17	2957	2957	Survey & Conn.	Survey & Conn.@2889_Inc 31.5°_Az 177.1°
8-Nov-21	20:40	20:55	0.25	2957	2972	Sliding	Sliding - (WOB:15;GPM :551;TFO:90R))
8-Nov-21	20:55	21:05	0.17	2972	2988	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	21:05	21:15	0.17	2988	2988	Connection	Connection

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-Nov-21	21:15	21:20	0.08	2988	3000	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	21:20	21:35	0.25	3000	3000	Circulating	Circulating - Flow line and stack over flowing
8-Nov-21	21:35	21:45	0.17	3000	3018	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	21:45	21:55	0.17	3018	3018	Connection	Connection
8-Nov-21	21:55	22:15	0.33	3018	3050	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	22:15	22:25	0.17	3050	3050	Survey & Conn.	Survey & Conn.@2983_Inc 32.8°_Az 184.10°
8-Nov-21	22:25	22:40	0.25	3050	3070	Sliding	Sliding - (WOB:15;GPM :551;TFO:120L))
8-Nov-21	22:40	22:45	0.08	3070	3082	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	22:45	22:50	0.08	3082	3082	Connection	Connection
8-Nov-21	22:50	23:05	0.25	3082	3112	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	23:05	23:15	0.17	3112	3112	Connection	Connection
8-Nov-21	23:15	23:30	0.25	3112	3144	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	23:30	23:35	0.08	3144	3144	Survey & Conn.	Survey & Conn.@3076_Inc 31.6°_Az 179°
8-Nov-21	23:35	23:45	0.17	3144	3154	Sliding	Sliding - (WOB:15;GPM :551;TFO:180))
8-Nov-21	23:45	23:55	0.17	3154	3175	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
8-Nov-21	23:55	24:00	0.08	3175	3175	Connection	Connection



<b>JOB NO.:</b>	TL21053	<b>Report Time:</b>	2400	14 of 24
<b>Company:</b>	Snake River Oil and Gas	<b>API JOB #</b>	11-075-20037	
<b>LOCATION:</b>	RM	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Paul Graham 4	<b>FIELD:</b>	Wildcat	
<b>STATE:</b>	ID	<b>Township:</b>	Fruitland	
<b>COUNTY:</b>	Payette	<b>SECT RANGE:</b>		
<b>WELL NAME:</b>	Fallon #1-11			

From Tuesday, November 09, 2021 at 0000 to Tuesday, November 09, 2021 at 2400

<b>Start Depth</b>	3175.00	<b>Rotary Hours</b>	9.83	<b>WOB</b>	15	<b>Pick UP</b>	65	<b>Slack Off</b>	55	<b>SPM</b>
<b>End Depth</b>	4075.00	<b>Circulating Hours</b>	4.58	<b>RAB</b>	60	<b>SPP</b>	2400	<b>FlowRate</b>	280 - 551	209
<b>Total Drilled:</b>	900.00	<b>Avg. Total ROP:</b>	80.60	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	816.00	<b>Avg. Rotary ROP:</b>	82.98	<b>Type</b>	WBM	<b>PV</b>	13	<b>SOLID</b>	7	
<b>Total Drilled Sliding:</b>	84.00	<b>Avg. Slide ROP:</b>	63.00	<b>Weight</b>	9.8	<b>GAS</b>	0	<b>YP</b>	9	<b>BHT°</b> 138
<b>Slide Hours:</b>	1.33	<b>Percent Rotary:</b>	90.67	<b>Viscosity</b>	39	<b>SAND</b>	0	<b>PH</b>	7.3	<b>Flow T°</b> 62
<b>Below Rotary Hrs.</b>	24.00	<b>Percent Slide:</b>	9.33	<b>Chlorides</b>	1300	<b>WL</b>	5	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	BHA # 2:8 1/2" Smith (XR+CPS), 6 3/4" 7/8 5.7 HR ABH @ 1.83° w/ 8 1/4" Stab, 8" IB Stabilizer, UBHO, NMDC, NMDC, X-O Sub, 22 Jts. HWDP (Est. Length), Drilling Jars, 5 Jts. HWDP (Est. Length), ,		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2											
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	31.6	Azm. In:	179	Incl. Out:	21.2	Azm. Out:	180.6				

**Motors On Location:**

Discovery 675-0091ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (In Hole)  
 Discovery 675-0071ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
9-Nov-21	00:00	00:20	0.33	3175	3207	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	00:20	00:30	0.17	3207	3207	Connection	Connection
9-Nov-21	00:30	00:50	0.33	3207	3238	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	00:50	01:00	0.17	3238	3238	Survey & Conn.	Survey & Conn.@3171_Inc 30.2°_Azm 178.5°
9-Nov-21	01:00	01:20	0.33	3238	3270	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	01:20	01:30	0.17	3270	3270	Connection	Connection
9-Nov-21	01:30	01:55	0.42	3270	3301	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	01:55	02:05	0.17	3301	3301	Connection	Connection
9-Nov-21	02:05	02:25	0.33	3301	3333	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	02:25	02:35	0.17	3333	3333	Survey & Conn.	Survey & Conn.@3266_Inc 29°_Azm 177.8°
9-Nov-21	02:35	03:00	0.42	3333	3365	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	03:00	03:10	0.17	3365	3365	Connection	Connection

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
9-Nov-21	03:10	03:35	0.42	3365	3396	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	03:35	03:45	0.17	3396	3396	Connection	Connection
9-Nov-21	03:45	04:05	0.33	3396	3428	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	04:05	04:15	0.17	3428	3428	Survey & Conn.	Survey & Conn.@3361_Inc 28.5°_Azm 177.5°
9-Nov-21	04:15	04:35	0.33	3428	3460	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	04:35	04:45	0.17	3460	3460	Connection	Connection
9-Nov-21	04:45	05:15	0.50	3460	3491	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	05:15	05:25	0.17	3491	3491	Connection	Connection
9-Nov-21	05:25	05:50	0.42	3491	3523	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	05:50	06:05	0.25	3523	3523	Survey & Conn.	Survey & Conn.@3455_Inc 28.3°_Azm 176.4°
9-Nov-21	06:05	06:25	0.33	3523	3523	Other	C/O blown pop-off
9-Nov-21	06:25	06:35	0.17	3523	3538	Sliding	Sliding - (WOB:15;GPM :551;TFO:75R))
9-Nov-21	06:35	07:40	1.08	3538	3618	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	07:40	08:05	0.42	3618	3618	Survey & Conn.	Survey & Conn.@3550_Inc 28.3°_Azm 178.2°
9-Nov-21	08:05	09:15	1.17	3618	3713	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	09:15	11:15	2.00	3713	3713	Circulating	Circulating sweep around for short trip
9-Nov-21	11:15	15:55	4.67	3713	3713	Short Trip	Short trip to shoe @ 1164' and back to bottom. Pulled tight first 10 stands off bottom.
9-Nov-21	15:55	16:00	0.08	3713	3713	Survey & Conn.	Survey & Conn.@3645_Inc 28.3°_Azm 180.1°
9-Nov-21	16:00	16:35	0.58	3713	3713	Circulating	Circulate to clean hole
9-Nov-21	16:35	16:55	0.33	3713	3740	Sliding	Sliding - (WOB:15;GPM :551;TFO:170L))
9-Nov-21	16:55	17:40	0.75	3740	3806	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	17:40	18:00	0.33	3806	3806	Survey & Conn.	Survey & Conn.@3739_Inc 24°_Azm 179.6°
9-Nov-21	18:00	18:40	0.67	3806	3870	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	18:40	20:25	1.75	3870	3870	Circulating	Circulate - Increase mud weight from 10.5 to 11.0 ppg
9-Nov-21	20:25	20:50	0.42	3870	3901	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	20:50	21:00	0.17	3901	3901	Survey & Conn.	Survey & Conn.@3834_Inc 23.5°_Azm 179.6°
9-Nov-21	21:00	21:20	0.33	3901	3921	Sliding	Sliding - (WOB:15;GPM :551;TFO:180))
9-Nov-21	21:20	22:00	0.67	3921	3996	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	22:00	22:20	0.33	3996	3996	Survey & Conn.	Survey & Conn.@3928_Inc 21.2°_Azm 180.6°
9-Nov-21	22:20	22:50	0.50	3996	4018	Sliding	Sliding - (WOB:15;GPM :551;TFO:160L))
9-Nov-21	22:50	23:05	0.25	4018	4039	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
9-Nov-21	23:05	23:20	0.25	4039	4039	Circulating	Circulate - Work on mud pump
9-Nov-21	23:20	24:00	0.67	4039	4075	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)





JOB NO.:	TL21053	Report Time:	2400	15 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT RANGE:		
WELL NAME:	Fallon #1-11			

From Wednesday, November 10, 2021 at 0000 to Wednesday, November 10, 2021 at 2400

<b>Start Depth</b>	4075.00	<b>Rotary Hours</b>	14.17	<b>WOB</b>	35	<b>Pick UP</b>	85	<b>Slack Off</b>	50	<b>SPM</b>
<b>End Depth</b>	5022.00	<b>Circulating Hours</b>	1.67	<b>RAB</b>	70	<b>SPP</b>	2350	<b>FlowRate</b>	505 - 551	190
<b>Total Drilled:</b>	947.00	<b>Avg. Total ROP:</b>	53.60	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	781.00	<b>Avg. Rotary ROP:</b>	55.13	<b>Type</b>	WBM	<b>PV</b>	19	<b>SOLID</b>	14	
<b>Total Drilled Sliding:</b>	166.00	<b>Avg. Slide ROP:</b>	47.43	<b>Weight</b>	10.5	<b>GAS</b>	0	<b>YP</b>	11	<b>BHT°</b> 165
<b>Slide Hours:</b>	3.50	<b>Percent Rotary:</b>	82.47	<b>Viscosity</b>	45	<b>SAND</b>	0	<b>PH</b>	7.3	<b>Flow T°</b> 126
<b>Below Rotary Hrs.</b>	24.00	<b>Percent Slide:</b>	17.53	<b>Chlorides</b>	800	<b>WL</b>	4.4	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	BHA # 2:8 1/2" Smith (XR+CPS), 6 3/4" 7/8 5.7 HR ABH @ 1.83° w/ 8 1/4" Stab, 8" IB Stabilizer, UBHO, NMDC, NMDC, X-O Sub, 22 Jts. HWDP (Est. Length), Drilling Jars, 5 Jts. HWDP (Est. Length), ,
Second Directional :		Toby Wilson				16	65	120	
MWD Operator1		Matt McDavid				9 5/8	36	1164	
MWD Operator2									
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>			
Geologist:									
Company Man:		Clint Harman / Glenn Smith							
Incl. In:	21.2	Azm. In:	180.6	Incl. Out:	0.6	Azm. Out:	324.6		

**Motors On Location:**

Discovery 675-0091ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (In Hole)  
 Discovery 675-0071ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
10-Nov-21	00:00	00:15	0.25	4075	4091	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
10-Nov-21	00:15	00:35	0.33	4091	4091	Survey & Conn.	Survey & Conn.@4024_Inc 18.3°_Azm 184.8°
10-Nov-21	00:35	01:00	0.42	4091	4118	Sliding	Sliding - (WOB:15;GPM :551;TFO:150L))
10-Nov-21	01:00	01:30	0.50	4118	4150	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
10-Nov-21	01:30	02:00	0.50	4150	4150	Other	Replace blown pop-off valve on pump
10-Nov-21	02:00	02:30	0.50	4150	4187	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
10-Nov-21	02:30	02:50	0.33	4187	4187	Survey & Conn.	Survey & Conn.@4120_Inc 15.2°_Azm 183.1°
10-Nov-21	02:50	03:50	1.00	4187	4219	Sliding	Sliding - (WOB:15;GPM :551;TFO:150L))
10-Nov-21	03:50	05:00	1.17	4219	4283	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
10-Nov-21	05:00	05:20	0.33	4283	4283	Survey & Conn.	Survey & Conn.@4215_Inc 11.4°_Azm 183.8°
10-Nov-21	05:20	06:10	0.83	4283	4314	Sliding	Sliding - (WOB:15;GPM :551;TFO:160L))
10-Nov-21	06:10	07:05	0.92	4314	4377	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
10-Nov-21	07:05	07:40	0.58	4377	4377	Survey & Conn.	Survey & Conn.@4310_Inc 8°_Azimuth 182.6°
10-Nov-21	07:40	08:15	0.58	4377	4409	Sliding	Sliding - (WOB:15;GPM :551;TFO:20M))
10-Nov-21	08:15	09:25	1.17	4409	4471	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
10-Nov-21	09:25	09:50	0.42	4471	4471	Survey & Conn.	Survey & Conn.@4404_Inc 4°_Azimuth 187.7°
10-Nov-21	09:50	10:10	0.33	4471	4500	Sliding	Sliding - (WOB:20;GPM :505;TFO:30M))
10-Nov-21	10:10	11:10	1.00	4500	4566	Drilling	Drilling - (WOB:15;GPM :551;RPM:50)
10-Nov-21	11:10	11:35	0.42	4566	4566	Survey & Conn.	Survey & Conn.@4499_Inc 1.7°_Azimuth 211.2°
10-Nov-21	11:35	11:55	0.33	4566	4581	Sliding	Sliding - (WOB:20;GPM :505;TFO:30M))
10-Nov-21	11:55	13:30	1.58	4581	4629	Drilling	Drilling - (WOB:25;GPM :505;RPM:50)
10-Nov-21	13:30	13:50	0.33	4629	4629	Connection	Connection
10-Nov-21	13:50	14:15	0.42	4629	4661	Drilling	Drilling - (WOB:35;GPM :505;RPM:50)
10-Nov-21	14:15	14:30	0.25	4661	4661	Survey & Conn.	Survey & Conn.@4593_Inc 0.4°_Azimuth 303°
10-Nov-21	14:30	16:05	1.58	4661	4753	Drilling	Drilling - (WOB:35;GPM :505;RPM:50)
10-Nov-21	16:05	16:30	0.42	4753	4753	Survey & Conn.	Survey & Conn.@4686_Inc 0.5°_Azimuth 337.9°
10-Nov-21	16:30	17:50	1.33	4753	4832	Drilling	Drilling - (WOB:35;GPM :505;RPM:50)
10-Nov-21	17:50	19:30	1.67	4832	4832	Circulating	Circulate gas out of hole
10-Nov-21	19:30	19:45	0.25	4832	4848	Drilling	Drilling - (WOB:35;GPM :505;RPM:50)
10-Nov-21	19:45	20:05	0.33	4848	4848	Survey & Conn.	Survey & Conn.@4781_Inc 0.7°_Azimuth 326.2°
10-Nov-21	20:05	22:20	2.25	4848	4943	Drilling	Drilling - (WOB:35;GPM :505;RPM:50)
10-Nov-21	22:20	22:45	0.42	4943	4943	Survey & Conn.	Survey & Conn.@4876_Inc 0.6°_Azimuth 324.6°
10-Nov-21	22:45	24:00	1.25	4943	5022	Drilling	Drilling - (WOB:35;GPM :505;RPM:50)



<b>JOB NO.:</b>	TL21053	<b>Report Time:</b>	2400	16 of 24
<b>Company:</b>	Snake River Oil and Gas	<b>API JOB #</b>	11-075-20037	
<b>LOCATION:</b>	RM	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Paul Graham 4	<b>FIELD:</b>	Wildcat	
<b>STATE:</b>	ID	<b>Township:</b>	Fruitland	
<b>COUNTY:</b>	Payette	<b>SECT RANGE:</b>		
<b>WELL NAME:</b>	Fallon #1-11			

From Thursday, November 11, 2021 at 0000 to Thursday, November 11, 2021 at 2400

<b>Start Depth</b>	5022.00	<b>Rotary Hours</b>	14.00	<b>WOB</b>	0	<b>Pick UP</b>	120	<b>Slack Off</b>	50	<b>SPM</b>	
<b>End Depth</b>	5455.00	<b>Circulating Hours</b>	2.42	<b>RAB</b>	85	<b>SPP</b>	0	<b>FlowRate</b>	0 - 505		0
<b>Total Drilled:</b>	433.00	<b>Avg. Total ROP:</b>	30.93	<b>Mud Data</b>							
<b>Total Rotary Drilled:</b>	433.00	<b>Avg. Rotary ROP:</b>	30.93	<b>Type</b>	WBM	<b>PV</b>	19	<b>SOLID</b>		14	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	10.5	<b>GAS</b>	0	<b>YP</b>	11	<b>BHT°</b>	165
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	100.00	<b>Viscosity</b>	45	<b>SAND</b>	0	<b>PH</b>	7.3	<b>Flow T°</b>	126
<b>Below Rotary Hrs.</b>	23.80	<b>Percent Slide:</b>	.00	<b>Chlorides</b>	800	<b>WL</b>	4.4			<b>Oil %</b>	0

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	BHA # 2:8 1/2" Smith (XR+CPS), 6 3/4" 7/8 5.7 HR ABH @ 1.83° w/ 8 1/4" Stab, 8" IB Stabilizer, UBHO, NMDC, NMDC, X-O Sub, 22 Jts. HWDP (Est. Length), Drilling Jars, 5 Jts. HWDP (Est. Length), ,		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2						5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0.6	Azm. In:	324.6	Incl. Out:	0.8	Azm. Out:	346				

**Motors On Location:**

Discovery 675-0091ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (In Hole)  
 Discovery 675-0071ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Clean)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
11-Nov-21	00:00	00:20	0.33	5022	5038	Drilling	Drilling - (WOB:35;GPM :505;RPM:50)
11-Nov-21	00:20	00:45	0.42	5038	5038	Survey & Conn.	Survey & Conn.@4971 _Inc 0.5° _Azm 306°
11-Nov-21	00:45	03:35	2.83	5038	5133	Drilling	Drilling - (WOB:35;GPM :505;RPM:50)
11-Nov-21	03:35	04:00	0.42	5133	5133	Survey & Conn.	Survey & Conn.@5065 _Inc 0.4° _Azm 278.9°
11-Nov-21	04:00	06:50	2.83	5133	5227	Drilling	Drilling - (WOB:35;GPM :505;RPM:50)
11-Nov-21	06:50	07:15	0.42	5227	5227	Survey & Conn.	Survey & Conn.@5159 _Inc .2° _Azm 227.4°
11-Nov-21	07:15	10:00	2.75	5227	5320	Drilling	Drilling - (WOB:35;GPM :505;RPM:50)
11-Nov-21	10:12	10:25	0.22	5320	5320	Survey & Conn.	Survey & Conn.@5253 _Inc 0.1° _Azm 357.1°
11-Nov-21	10:25	12:55	2.50	5320	5415	Drilling	Drilling - (WOB:35;GPM :505;RPM:50)
11-Nov-21	12:55	13:15	0.33	5415	5415	Survey & Conn.	Survey & Conn.@5347 _Inc 0.4° _Azm 29.1°
11-Nov-21	13:15	16:00	2.75	5415	5455	Drilling	Drilling - (WOB:35;GPM :505;RPM:50)
11-Nov-21	16:00	16:05	0.08	5455	5455	MWD Survey	MWD Survey@5396 _Inc 0.8° _Azm 346°

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
11-Nov-21	16:05	18:25	2.33	5455	5455	Circulating	Circulate sweeps around @ TD
11-Nov-21	18:25	22:20	3.92	5455	5455	Short Trip	Short trip to top of HWDP @ 961'
11-Nov-21	22:20	24:00	1.67	5455	5455	Other	Slip & cut drill line



<b>JOB NO.:</b>	TL21053	<b>Report Time:</b>	2400	17 of 24
<b>Company:</b>	Snake River Oil and Gas	<b>API JOB #</b>	11-075-20037	
<b>LOCATION:</b>	RM	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Paul Graham 4	<b>FIELD:</b>	Wildcat	
<b>STATE:</b>	ID	<b>Township:</b>	Fruitland	
<b>COUNTY:</b>	Payette	<b>SECT RANGE:</b>		
<b>WELL NAME:</b>	Fallon #1-11			

From Friday, November 12, 2021 at 0000 to Friday, November 12, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	120	<b>Slack Off</b>	50	<b>SPM</b>	
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	4.58	<b>RAB</b>	85	<b>SPP</b>	0	<b>FlowRate</b>	0 - 505		0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>							
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>	WBM	<b>PV</b>	19	<b>SOLID</b>		14	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	10.5	<b>GAS</b>	0	<b>YP</b>	11	<b>BHT°</b>	165
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	45	<b>SAND</b>	0	<b>PH</b>	7.3	<b>Flow T°</b>	126
<b>Below Rotary Hrs.</b>	16.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	800	<b>WL</b>	4.4			<b>Oil %</b>	0

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	BHA # 2:8 1/2" Smith (XR+CPS), 6 3/4" 7/8 5.7 HR ABH @ 1.83° w/ 8 1/4" Stab, 8" IB Stabilizer, UBHO, NMDC, NMDC, X-O Sub, 22 Jts. HWDP (Est. Length), Drilling Jars, 5 Jts. HWDP (Est. Length), ,		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2						5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0.8	Azm. In:	346	Incl. Out:	0.8	Azm. Out:	346				

**Motors On Location:**

Discovery 675-0091ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Sent-In)  
Discovery 675-0071ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Sent-In)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
4 - 4R "F" Type Float Valves  
1 - Slick Sleeve (Sent-In)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
12-Nov-21	00:00	02:10	2.17	5455	5455	Other	Slip & cut drill line
12-Nov-21	02:10	05:15	3.08	5455	5455	TIH	Trip in hole to bottom
12-Nov-21	05:15	09:50	4.58	5455	5455	Circulating	Circulate sweeps around
12-Nov-21	09:50	14:15	4.42	5455	5455	POOH	POOH to directional tools
12-Nov-21	14:15	16:00	1.75	5455	5455	Change BHA	L/D BHA #2
12-Nov-21	16:00	24:00	8.00	5455	5455	Standby	Load truck and released from job





JOB NO.:	TL21053	Report Time:	2400	18 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT RANGE:		
WELL NAME:	Fallon #1-11			

From Saturday, November 13, 2021 at 0000 to Saturday, November 13, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	120	<b>Slack Off</b>	50	<b>SPM</b>
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	85	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0	0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>	WBM	<b>PV</b>	19	<b>SOLID</b>	14	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	10.5	<b>GAS</b>	0	<b>YP</b>	11	<b>BHT°</b> 165
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	45	<b>SAND</b>	0	<b>PH</b>	7.3	<b>Flow T°</b> 126
<b>Below Rotary Hrs.</b>	24.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	800	<b>WL</b>	4.4	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :		Toby Wilson				16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2						5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0.8	Azm. In:	346	Incl. Out:	0	Azm. Out:	0				

**Motors On Location:**

Discovery 675-0091ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Sent-In)  
 Discovery 675-0071ss - 6 3/4" 7/8 Lobe 5.7 Stage HR ABH @ 1.83 w/8 1/4" Stab (Sent-In)

**Loose Items:**

3 - 5F/6R "F" Type Float Valves  
 4 - 4R "F" Type Float Valves  
 1 - Slick Sleeve (Sent-In)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Nov-21	00:00	24:00	24.00	5455	5455	Other	Travel from rig to home.



JOB NO.:	TL21053	Report Time:	2400	19 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT\ RANGE:		
WELL NAME:	Fallon #1-11			

From Sunday, November 14, 2021 at 0000 to Sunday, November 14, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	120	<b>Slack Off</b>	50	<b>SPM</b>
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	85	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0	0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>	WBM	<b>PV</b>	19	<b>SOLID</b>	14	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	10.5	<b>GAS</b>	0	<b>YP</b>	11	<b>BHT°</b> 165
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	45	<b>SAND</b>	0	<b>PH</b>	7.3	<b>Flow T°</b> 126
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	800	<b>WL</b>	4.4	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :						16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2						5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0				

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Nov-21	00:00	24:00	24.00	5455	5455	Standby	Standby - Start travel to rig after call out



JOB NO.:	TL21053	Report Time:	2400	20 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT RANGE:		
WELL NAME:	Fallon #1-11			

From Monday, November 15, 2021 at 0000 to Monday, November 15, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	120	<b>Slack Off</b>	50	<b>SPM</b>
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	85	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0	0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>	WBM	<b>PV</b>	19	<b>SOLID</b>	14	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	10.5	<b>GAS</b>	0	<b>YP</b>	11	<b>BHT°</b> 165
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	45	<b>SAND</b>	0	<b>PH</b>	7.3	<b>Flow T°</b> 126
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	800	<b>WL</b>	4.4	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :						16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2						5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0				

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
15-Nov-21	00:00	24:00	24.00	5455	5455	Standby	Standby - Travel to rig and arrive on location. Standby while circulating.





JOB NO.:	TL21053	Report Time:	2400	21 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT RANGE:		
WELL NAME:	Fallon #1-11			

From Tuesday, November 16, 2021 at 0000 to Tuesday, November 16, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	120	<b>Slack Off</b>	50	<b>SPM</b>
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	85	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0	0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>	WBM	<b>PV</b>	19	<b>SOLID</b>	14	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	10.5	<b>GAS</b>	0	<b>YP</b>	11	<b>BHT°</b> 165
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	45	<b>SAND</b>	0	<b>PH</b>	7.3	<b>Flow T°</b> 126
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	800	<b>WL</b>	4.4	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :						16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2						5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0				

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
16-Nov-21	00:00	24:00	24.00	5455	5455	Standby	Standby - Circulating, L/D DP



JOB NO.:	TL21053	Report Time:	2400	22 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT\ RANGE:		
WELL NAME:	Fallon #1-11			

From Wednesday, November 17, 2021 at 0000 to Wednesday, November 17, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	120	<b>Slack Off</b>	50	<b>SPM</b>
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	85	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0	0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>	WBM	<b>PV</b>	19	<b>SOLID</b>	14	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	10.5	<b>GAS</b>	0	<b>YP</b>	11	<b>BHT°</b> 165
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	45	<b>SAND</b>	0	<b>PH</b>	7.3	<b>Flow T°</b> 126
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	800	<b>WL</b>	4.4	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :						16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2						5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0				

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
17-Nov-21	00:00	24:00	24.00	5455	5455	Standby	Standby - Casing Operations



JOB NO.:	TL21053	Report Time:	2400	23 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT RANGE:		
WELL NAME:	Fallon #1-11			

From Thursday, November 18, 2021 at 0000 to Thursday, November 18, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	120	<b>Slack Off</b>	50	<b>SPM</b>
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	85	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0	0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>	WBM	<b>PV</b>	19	<b>SOLID</b>	14	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	10.5	<b>GAS</b>	0	<b>YP</b>	11	<b>BHT°</b> 165
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	45	<b>SAND</b>	0	<b>PH</b>	7.3	<b>Flow T°</b> 126
<b>Below Rotary Hrs.</b>	0.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	800	<b>WL</b>	4.4	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :						16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2						5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0				

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
18-Nov-21	00:00	24:00	24.00	5455	5455	Standby	Standby - Running casing - Released from job - Wait on truck.



JOB NO.:	TL21053	Report Time:	2400	24 of 24
Company:	Snake River Oil and Gas	API JOB #	11-075-20037	
LOCATION:	RM	WORK ORDER#		
RIG NAME:	Paul Graham 4	FIELD:	Wildcat	
STATE:	ID	Township:	Fruitland	
COUNTY:	Payette	SECT RANGE:		
WELL NAME:	Fallon #1-11			

From Friday, November 19, 2021 at 0000 to Friday, November 19, 2021 at 2400

<b>Start Depth</b>	0.00	<b>Rotary Hours</b>	0.00	<b>WOB</b>	0	<b>Pick UP</b>	120	<b>Slack Off</b>	50	<b>SPM</b>
<b>End Depth</b>	0.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	85	<b>SPP</b>	0	<b>FlowRate</b>	0 - 0	0
<b>Total Drilled:</b>	0.00	<b>Avg. Total ROP:</b>	NA	<b>Mud Data</b>						
<b>Total Rotary Drilled:</b>	0.00	<b>Avg. Rotary ROP:</b>	NA	<b>Type</b>	WBM	<b>PV</b>	19	<b>SOLID</b>	14	
<b>Total Drilled Sliding:</b>	0.00	<b>Avg. Slide ROP:</b>	NA	<b>Weight</b>	10.5	<b>GAS</b>	0	<b>YP</b>	11	<b>BHT°</b> 165
<b>Slide Hours:</b>	0.00	<b>Percent Rotary:</b>	NA	<b>Viscosity</b>	45	<b>SAND</b>	0	<b>PH</b>	7.3	<b>Flow T°</b> 126
<b>Below Rotary Hrs.</b>	24.00	<b>Percent Slide:</b>	NA	<b>Chlorides</b>	800	<b>WL</b>	4.4	<b>Oil %</b>	0	

Lead Directional :		Chris Anderson				Size	Lb/ft	Set Depth	N/A		
Second Directional :						16	65	120			
MWD Operator1		Matt McDavid				9 5/8	36	1164			
MWD Operator2						5 1/2	15.5	5440			
Directional Company:		Titan Directional Drilling, LLC				Signature: <div></div>					
Geologist:											
Company Man:		Clint Harman / Glenn Smith									
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0				

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
19-Nov-21	00:00	24:00	24.00	5455	5455	Other	Travel from rig to home

# **Section Three**

## **Bottom Hole Assemblies**





				<b>BHA #</b>		<b>1</b>	
<b>JOB NO.:</b>		TL21053		<b>FIELD:</b>		Wildcat	
<b>Company:</b>		Snake River Oil and Gas		<b>Township:</b>		Fruitland	
<b>LOCATION:</b>		RM		<b>SECT. RANGE:</b>			
<b>RIG NAME:</b>		Paul Graham 4					
<b>STATE:</b>		ID					
<b>COUNTY:</b>		Payette					
<b>WELL NAME:</b>		Fallon #1-11		<b>BHA TYPE:</b>		Steerable Assembly	

Motor Data: Discovery Motor  
 8" 7/8 Lobe 4.0 Stage HR ABH 1.83° w/12" BHS  
 Flow Range: 300 To 900 GPM  
 Adjustable Bent Housing: 1.83°  
 Bit to Bend: 7.39'  
 Rev. Per Gallon: 0.16

Survey Sensor: 56' + 3" = 59'  
 Gamma Ray: N/A'

Bit info:  
 12 1/4" Smith XR+CPS  
 S/N # RK9957  
 Jets - 3-18's / 1-14  
 TFA - .895

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn	Bott Conn	STAB OD	Fishing Neck
1	12 1/4" Smith "XR+CPS	RK7535	0.00	12 1/4	1.50	1.50	6 5/8 REG-P	-		N/A
2	8" 7/8 4.0 HR ABH @ 1.83° w/ 12" Stab	775DDS010	0.00	8	28.16	29.66	6 5/8 REG-B	6 5/8 REG-B	12	N/A
3	11 3/4" IB Stabilizer	27268	2 9/16	8 1/4	7.07	36.73	6 5/8 REG-B	6 5/8 REG-P	11.75	N/A
4	UBHO	T8028	2 7/8	8	2.63	39.36	6 5/8 REG-B	6 5/8 REG-P		N/A
5	8" NMDC	55811	3 1/2	8 1/16	30.07	69.43	6 5/8 REG-B	6 5/8 REG-P		N/A
6	8" NMDC	55265	3 5/16	7 15/16	28.79	98.22	6 5/8 REG-B	6 5/8 REG-P		N/A
7	X-O Sub	118382	0.00	6 5/8	2.61	100.83	4 1/2 XH-B	6 5/8 REG-P		N/A
8	22 Jts. HWDP (Est. Length)	Rig	2.75	4.5	674.81	775.64	4 1/2 XH-B	4 1/2 XH-P		N/A
9	Drilling Jars	Rig	2 13/16	6 1/2	29.65	805.29	4 1/2 XH-B	4 1/2 XH-P		N/A
10	5 Jts. HWDP (Est. Length)	Rig	2.75	4.5	154.31	959.60	4 1/2 XH-B	4 1/2 XH-P		N/A
11			0.00		0.00	959.60	-	-		N/A



**BHA # 1**

**JOB NO.:** TL21053  
**Company:** Snake River Oil and Gas  
**LOCATION:** RM  
**RIG NAME:** Paul Graham 4  
**STATE:** ID  
**COUNTY:** Payette  
**WELL NAME:** Fallon #1-11

**FIELD:** Wildcat  
**Township:** Fruitland  
**SECT. RANGE:**  
**Lead DD:** Chris Anderson  
**Co. Man:** Clint Harman / Glenn Smith  
**BHA TYPE:** Steerable Assembly

TIME IN - OUT		Rotary Hours		7.28		Start Depth		108.00		RPM Range	Flow Rate	
Start Time	End Time	Circ Hrs Tot/Only		17.17 / 6.02		End Depth		1186.00				
01-Nov-21 @ 16:00	02-Nov-21 @ 24:00	Slide Hours		3.87		Percent Rotary:		66.33		0 - 40	0 - 640	
		Below Rotary Hrs.		32.00		Percent Slide:		33.67				
Total Drilled:		1078.00		Avg. Total ROP:		96.68						
Total Rotary Drilled:		715.00		Avg. Rotary ROP:		98.17		IN	OUT	IN	OUT	
Total Drilled Sliding:		363.00		Avg. Slide ROP:		93.88		.0	.0	.00	.00	
SPP	0 -1950		SO	0 -33	PU	0 -42	RAB	0 -38	Reason POOH		TD	

Smith		12 1/4" Smith "XR+CPS		8" 7/8 4.0 HR ABH @ 1.83° w/ 12" Stab		Type	WBM	
Type Bit		ROCK		Model: HR		Pad OD		
TFA	0.895			MFG. Discovery		8 1/8		
JETS		18	18	18	14	0	WT 0 GAS 0 Solids 0	
		0	0	0	0	0	Vis 0 SAND 0 T° 0	
Bit Coding		IADC#		Bend ° 1.83 Stator/Rotor 7/8		PV 0 PH 0 Chlor 0		
				Bit to Bend 7.39 Motor Diff 150		YP 0 WL 0 Oil % 0		
				Rev/GAL 0.16		BHT°  125		
IR	OR	DL	Loc	BS	G	ODL	PUMP1	
1	1	NO	A	X	12.2	NO	NAME	
Bit Drop:		0 PSI @ 640 GPM		NB Stab 12		Model		
				Rotor Jet 0		Type		
				Sensor 56 Sonic 0		Liner		.00
				Gamma 0 DNSC 0		Stroke		.00
				Restiv 0 GYRO 0		Efficiency		.95

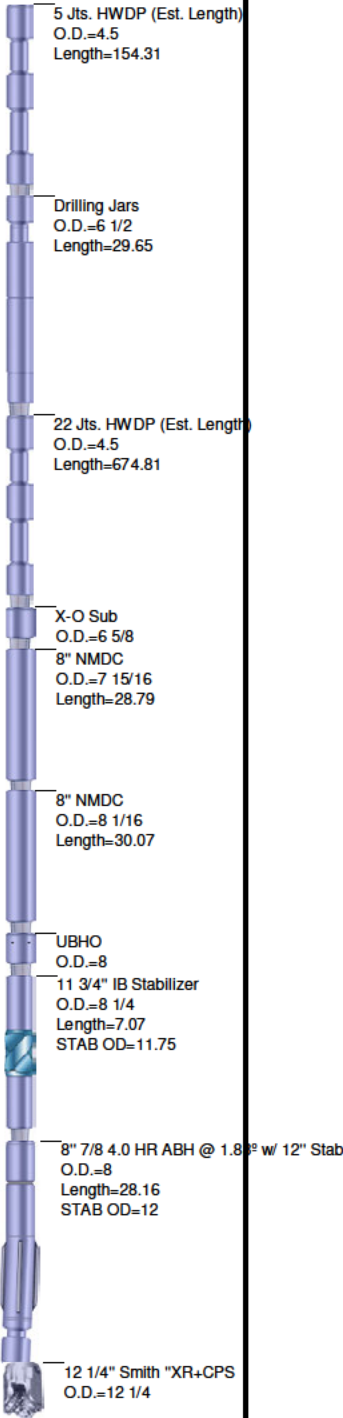
Motor Data: Discovery Motor  
 8" 7/8 Lobe 4.0 Stage HR ABH 1.83° w/12" BHS  
 Flow Range: 300 To 900 GPM  
 Adjustable Bent Housing: 1.83°  
 Bit to Bend: 7.39'  
 Rev. Per Gallon: 0.16

Survey Sensor: 56' + 3' = 59'  
 Gamma Ray: N/A'

Bit info:  
 12 1/4" Smith XR+CPS  
 S/N # RK9957  
 Jets - 3-18's / 1-14  
 TFA - .895

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	12 1/4" Smith "XR+CPS	RK7535		12 1/4	1.50	1.50	6 5/8 REGP
2	8" 7/8 4.0 HR ABH @ 1.83° w/ 12" Stab	775DDS010		8	28.16	29.66	6 5/8 REGB
3	11 3/4" B Stabilizer	27268	2 9/16	8 1/4	7.07	36.73	6 5/8 REGB
4	UBHO	T8028	2 7/8	8	2.63	39.36	6 5/8 REGB
5	8" NMDC	55811	3 1/2	8 1/16	30.07	69.43	6 5/8 REGB
6	8" NMDC	55265	3 5/16	7 15/16	28.79	98.22	6 5/8 REGB
7	X-O Sub	118382		6 5/8	2.61	100.83	4 1/2 XHB
8	22 Jts. HWDP (Est. Length)	Rig	2.75	4.5	674.81	775.64	4 1/2 XHB
9	Drilling Jars	Rig	2 13/16	6 1/2	29.65	805.29	4 1/2 XHB
10	5 Jts. HWDP (Est. Length)	Rig	2.75	4.5	154.31	959.60	4 1/2 XHB

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
11					0.00	959.60	





**JOB NO.:** TL21053  
**Company:** Snake River Oil and Gas  
**LOCATION:** RM  
**RIG NAME:** Paul Graham 4  
**STATE:** ID  
**COUNTY:** Country  
**WELL NAME:** Fallon #1-11

**FIELD:** Wildcat  
**Township:** Fruitland  
**Range:**

#### MOTOR INFORMATION

Desc: 8" 7/8 4.0 HR ABH @ 1.83" w/ 12"  
 Bent Hsg/Sub: 1.8 / 0 Bit to Bend: 7.39  
 Pad OD: 8 1/8 NB Stab: 12

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	1-Nov	Drilling	19:30	19:45	0.25	108	148	40	5	160.0	40	0	326	700					
1	1-Nov	Drilling	19:55	20:10	0.25	148	171	23	5	92.0	40	0	326	550		0.50	247.10	0.30	
1	1-Nov	Drilling	20:20	20:35	0.25	171	202	31	15	124.0	40	0	326	550					
1	1-Nov	Drilling	20:45	21:00	0.25	202	233	31	15	124.0	40	0	326	550					
1	1-Nov	Sliding	21:25	21:50	0.42	233	263	30	10	72.0	0	0	326	700	180M	3.50	186.80	3.57	
1	1-Nov	Sliding	22:00	22:05	0.08	263	273	10	10	120.0	0	0	326	500	180M				
1	1-Nov	Drilling	22:05	22:20	0.25	273	293	20	15	80.0	40	0	326	550					
1	1-Nov	Drilling	22:30	22:40	0.17	293	324	31	15	186.0	40	0	405	850					
1	1-Nov	Sliding	22:40	23:05	0.42	324	355	31	10	74.4	0	0	405	800	180M				
1	1-Nov	Sliding	23:15	23:20	0.08	355	365	10	10	120.0	0	0	405	800	180M				
1	1-Nov	Drilling	23:20	23:30	0.17	365	386	21	15	126.0	40	0	405	850					
1	1-Nov	Drilling	23:40	23:55	0.25	386	417	31	15	124.0	40	0	405	850					
1	2-Nov	Sliding	00:25	00:40	0.25	417	437	20	10	80.0	0	0	544	1150	180M				
1	2-Nov	Drilling	00:40	00:45	0.08	437	447	10	15	120.0	40	0	544	1200		9.80	170.30	3.08	
1	2-Nov	Sliding	00:55	01:20	0.42	447	478	31	12	74.4	0	0	544	1150	185M				
1	2-Nov	Drilling	01:35	01:55	0.33	478	508	30	15	90.0	40	0	544	1200					
1	2-Nov	Drilling	02:10	02:25	0.25	508	539	31	15	124.0	40	0	544	1200					
1	2-Nov	Sliding	02:35	02:50	0.25	539	559	20	12	80.0	0	0	544	1150	215M				
1	2-Nov	Drilling	02:50	02:55	0.08	559	570	11	15	132.0	40	0	544	1050					
1	2-Nov	Drilling	04:40	05:00	0.33	570	601	31	15	93.0	40	0	527	1300					
1	2-Nov	Drilling	05:10	05:35	0.42	601	631	30	15	72.0	40	0	527	1300					
1	2-Nov	Drilling	05:48	07:00	1.20	631	723	92	15	76.7	40	0	377	800		11.70	176.90	0.34	
1	2-Nov	Sliding	07:20	07:40	0.33	723	753	30	12	90.0	0	0	640	1650	20R	14.30	177.60	2.89	
1	2-Nov	Sliding	07:54	08:02	0.13	753	763	10	12	75.0	0	0	640	1650	15L				
1	2-Nov	Drilling	08:02	08:40	0.63	763	815	52	15	82.1	40	0	640	1650					
1	2-Nov	Sliding	09:11	09:26	0.25	815	844	29	12	116.0	0	0	640	1650	25R				

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	2-Nov	Sliding	09:40	09:50	0.17	844	855	11	12	66.0	0	0	640	1650		17.60	180.40	3.64	
1	2-Nov	Drilling	09:50	10:40	0.83	855	906	51	15	61.2	40	0	640	1650					
1	2-Nov	Sliding	11:00	11:14	0.23	906	936	30	12	128.6	0	0	640	1650	0G	21.40	178.20	4.21	
1	2-Nov	Sliding	11:25	11:32	0.12	936	950	14	12	120.0	0	0	640	1650	25L				
1	2-Nov	Drilling	11:32	12:02	0.50	950	999	49	15	98.0	40	0	640	1650					
1	2-Nov	Sliding	12:22	12:40	0.30	999	1029	30	15	100.0	0	0	640	1900	30R	24.60	180.10	3.46	
1	2-Nov	Sliding	12:53	12:57	0.07	1029	1039	10	15	150.0	0	0	640	1900	0G				
1	2-Nov	Drilling	12:57	13:22	0.42	1039	1092	53	15	127.2	40	0	640	1900					
1	2-Nov	Sliding	13:42	13:58	0.27	1092	1124	32	15	120.0	0	0	640	1900	10L				
1	2-Nov	Sliding	14:09	14:14	0.08	1124	1139	15	15	180.0	0	0	640	1900	10L	28.30	178.00	3.74	
1	2-Nov	Drilling	14:14	14:22	0.13	1139	1155	16	15	120.0	40	0	640	1900					
1	2-Nov	Drilling	15:25	15:39	0.23	1155	1186	31	15	132.9	40	0	640	1950					
Total Drilled:						1078	Avg. Total ROP:			96.68			DEPTH% - TIME %						
Total Rotary Drilled:						715	Avg. Rotary ROP:			98.17	Percent Rotary:		66.33 - 65.32						
Total Drilled Sliding:						363	Avg. Slide ROP:			93.88	Percent Slide:		33.67 - 34.68						





				<b>BHA #</b>		<b>2</b>	
<b>JOB NO.:</b> TL21053		<b>FIELD:</b> Wildcat					
<b>Company:</b> Snake River Oil and Gas		<b>Township:</b> Fruitland					
<b>LOCATION:</b> RM		<b>SECT. RANGE:</b>					
<b>RIG NAME:</b> Paul Graham 4							
<b>STATE:</b> ID							
<b>COUNTY:</b> Payette							
<b>WELL NAME:</b> Fallon #1-11		<b>BHA TYPE:</b> Steerable Assembly					

Motor Data: Discovery Motor  
 6 1/2" 7/8 Lobe 5.7 Stage HR ABH 1.83° w/ 8 1/4" BHS  
 Flow Range: 300 To 600 GPM  
 Adjustable Bent Housing: 1.83°  
 Bit to Bend: 6.89'  
 Rev. Per Gallon: 0.242

Survey Sensor: 56'  
 Gamma Ray: N/A

Bit info:  
 8 1/2" Smith XR+CPS  
 S/N # RK9944  
 Jets - 3x18's 1x16  
 TFA - 0.941

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn	Bott Conn	STAB OD	Fishing Neck
1	8 1/2" Smith (XR+CPS)	RK9944	0.00	8 1/2	1.00	1.00	4 1/2 REG-P	-		N/A
2	6 3/4" 7/8 5.7 HR ABH @ 1.83° w/ 8 1/4" Stab	675-0091ss	0.00	6 3/4	30.75	31.75	4 1/2 IF-B	4 1/2 REG-B	8 1/4	N/A
3	8" IB Stabilizer	25921	2 15/16	6 3/4	5.72	37.47	4 1/2 IF-B	4 1/2 IF-P	8	N/A
4	UBHO	675031	2 7/8	6 5/8	2.76	40.23	6 5/8 REG-B	6 5/8 REG-P		N/A
5	NMDC	55878	3 1/4	6 9/16	28.33	68.56	4 1/2 IF-B	4 1/2 IF-P		N/A
6	NMDC	55460	3 1/4	6 9/16	31.52	100.08	4 1/2 IF-B	4 1/2 IF-P		N/A
7	X-O Sub	111408	2 3/4	6 1/2	2.46	102.54	4 1/2 XH-B	4 1/2 IF-P		N/A
8	22 Jts. HWDP (Est. Length)	Rig	2.75	4.5	674.81	777.35	4 1/2 XH-B	4 1/2 XH-P		N/A
9	Drilling Jars	Rig	2 13/16	6 1/2	29.65	807.00	4 1/2 XH-B	4 1/2 XH-P		N/A
10	5 Jts. HWDP (Est. Length)	Rig	2.75	4.5	154.31	961.31	4 1/2 XH-B	4 1/2 XH-P		N/A
11			0.00		0.00	961.31	-	-		N/A



**BHA #** 2

**JOB NO.:** TL21053  
**Company:** Snake River Oil and Gas  
**LOCATION:** RM  
**RIG NAME:** Paul Graham 4  
**STATE:** ID  
**COUNTY:** Payette  
**WELL NAME:** Fallon #1-11

**FIELD:** Wildcat  
**Township:** Fruitland  
**SECT. RANGE:**  
**Lead DD:** Chris Anderson  
**Co. Man:** Clint Harman / Glenn Smith  
**BHA TYPE:** Steerable Assembly

TIME IN - OUT			Rotary Hours		56.88		Start Depth		1186.00		RPM Range	Flow Rate		
Start Time	End Time		Circ Hrs Tot/Only		88.127 23.97		End Depth		5455.00					
07-Nov-21 @ 00:30	12-Nov-21 @ 16:00		Slide Hours		7.27		Percent Rotary:		90.33		0 -50	264 -572		
			Below Rotary Hrs.		135.30		Percent Slide:		9.67					
Total Drilled:			4269.00		Avg. Total ROP:		66.55							
Total Rotary Drilled:			3856.00		Avg. Rotary ROP:		67.79		IN	OUT	IN	OUT		
Total Drilled Sliding:			413.00		Avg. Slide ROP:		56.83		.0	.0	.00	.00		
SPP	450 -2450				SO	33 -55		PU	42 -120		RAB	38 -85	Reason POOH	TD

Smith			8 1/2" Smith (XR+CPS)							6 3/4" 7/8 5.7 HR ABH @ 1.83° w/ 8 1/4"										Type		WBM							
Type Bit						ROCK				Model: HR					Pad OD					WT 10.5		GAS 0		Solids 14					
TFA			0.941							MFG. Discovery					7					Vis 45		SAND 0		T ° 126					
JETS			18	18	18	16	0	Bend ° 1.83					Stator/Rotor 7/8					PV 19		PH 7.3		Chlor 800							
			0	0	0	0	0	Bit to Bend 5.45					Motor Diff 250					YP 11		WL 4.4		Oil % 0							
Bit Coding				IADC#						Rev/GAL 0.242										BHT°  165									
IR	OR	DL	Loc	BS	G	ODL	NB Stab 8.25										PUMP1					PUMP1							
8	8	CT	S	X	8.5	WT	Rotor Jet 0																						
Bit Drop:			357 PSI @ 572 GPM																										
							Sensor	56	Sonic	0						Type													
							Gamma	0	DNCS	1186						Stroke													
							Restiv	0	GYRO	0						Efficiency													

Motor Data: Discovery Motor  
 6 1/2" 7/8 Lobe 5.7 Stage HR ABH 1.83° w/8 1/4" BHS  
 Flow Range: 300 To 600 GPM  
 Adjustable Bent Housing: 1.83°  
 Bit to Bend: 6.89'  
 Rev. Per Gallon: 0.242

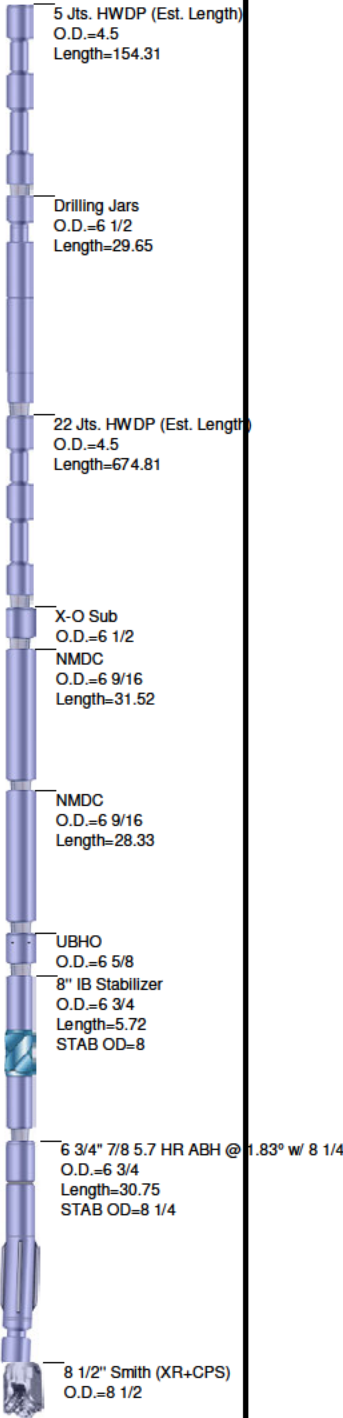
Survey Sensor: 56'  
 Gamma Ray: N/A'

Bit info:  
 8 1/2" Smith XR+CPS  
 S/N # RK9944  
 Jets - 3x18's 1x16  
 TFA - 0.941

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	8 1/2" Smith (XR+CPS)	RK9944		8 1/2	1.00	1.00	4 1/2 REGP
2	6 3/4" 7/8 5.7 HR ABH @ 1.83° w/ 8 1/4" Stab	675-0091ss		6 3/4	30.75	31.75	4 1/2 IFB
3	8" IB Stabilizer	25921	2 15/16	6 3/4	5.72	37.47	4 1/2 IFB
4	UBHO	675031	2 7/8	6 5/8	2.76	40.23	6 5/8 REGB
5	NMDC	55878	3 1/4	6 9/16	28.33	68.56	4 1/2 IFB
6	NMDC	55460	3 1/4	6 9/16	31.52	100.08	4 1/2 IFB
7	X-O Sub	111408	2 3/4	6 1/2	2.46	102.54	4 1/2 XHB
8	22 Jts. HWDP (Est. Length)	Rig	2.75	4.5	674.81	777.35	4 1/2 XHB
9	Drilling Jars	Rig	2 13/16	6 1/2	29.65	807.00	4 1/2 XHB
10	5 Jts. HWDP (Est. Length)	Rig	2.75	4.5	154.31	961.31	4 1/2 XHB

Winsurv2 BHA Report - License:NP6561

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
11					0.00	961.31	





**JOB NO.:** TL21053  
**Company:** Snake River Oil and Gas  
**LOCATION:** RM  
**RIG NAME:** Paul Graham 4  
**STATE:** ID  
**COUNTY:** Country  
**WELL NAME:** Fallon #1-11

**FIELD:** Wildcat  
**Township:** Fruitland  
**Range:**

#### MOTOR INFORMATION

Desc: 6 3/4" 7/8 5.7 HR ABH @ 1.83" w/ 8  
 1/4" Stab  
 Bent Hsg/Sub: 1.8 / 0 Bit to Bend: 5.45  
 Pad OD: 7 NB Stab: 8.25

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	7-Nov	Drilling	09:05	09:40	0.58	1186	1252	66	15	113.1	40	0	438	1250					
2	7-Nov	Sliding	10:36	10:55	0.32	1252	1277	25	15	78.9	0	0	520	1600	20R	31.00	179.60	2.49	
2	7-Nov	Drilling	10:55	11:28	0.55	1277	1347	70	15	127.3	40	0	520	1650					
2	7-Nov	Drilling	11:47	12:40	0.88	1347	1442	95	15	107.5	40	0	520	1500		31.20	179.60	0.21	
2	7-Nov	Drilling	14:40	15:40	1.00	1442	1537	95	15	95.0	50	0	520	1700		30.70	178.70	0.72	
2	7-Nov	Drilling	16:00	16:50	0.83	1537	1631	94	15	112.8	50	0	520	1700		29.90	176.80	1.34	
2	7-Nov	Sliding	17:26	17:41	0.25	1631	1646	15	15	60.0	0	0	520	1700	80R	29.80	178.50	0.94	
2	7-Nov	Drilling	17:41	18:10	0.48	1646	1693	47	15	97.2	50	0	520	1750					
2	7-Nov	Drilling	19:30	19:50	0.33	1693	1724	31	15	93.0	50	0	555	1900					
2	7-Nov	Drilling	20:05	20:25	0.33	1724	1756	32	15	96.0	50	0	572	2000					
2	7-Nov	Drilling	20:35	20:55	0.33	1756	1788	32	15	96.0	50	0	572	2000					
2	7-Nov	Drilling	21:05	21:25	0.33	1788	1819	31	15	93.0	50	0	572	2000					
2	7-Nov	Sliding	21:45	22:15	0.50	1819	1849	30	15	60.0	0	0	572	2000	30R				
2	7-Nov	Drilling	22:25	22:45	0.33	1849	1882	33	15	99.0	50	0	572	2000					
2	7-Nov	Drilling	22:55	23:15	0.33	1882	1914	32	15	96.0	50	0	572	2000					
2	7-Nov	Drilling	23:25	23:45	0.33	1914	1946	32	15	96.0	50	0	572	2000					
2	7-Nov	Drilling	23:55	24:00	0.08	1946	1955	9	15	108.0	50	0	572	2000					
2	8-Nov	Drilling	00:00	00:15	0.25	1955	1977	22	15	88.0	50	0	572	2000					
2	8-Nov	Drilling	00:25	00:45	0.33	1977	2009	32	15	96.0	50	0	572	2000					
2	8-Nov	Sliding	00:55	01:15	0.33	2009	2029	20	15	60.0	0	0	572	2000	45R	30.10	180.80	1.69	
2	8-Nov	Drilling	01:15	01:25	0.17	2029	2040	11	15	66.0	50	0	572	2000					
2	8-Nov	Drilling	01:35	01:55	0.33	2040	2072	32	15	96.0	50	0	525	1900					
2	8-Nov	Drilling	02:05	02:25	0.33	2072	2104	32	15	96.0	50	0	525	1900					
2	8-Nov	Drilling	02:35	02:55	0.33	2104	2135	31	15	93.0	50	0	525	1900		30.40	180.60	0.33	
2	8-Nov	Drilling	03:05	03:25	0.33	2135	2167	32	15	96.0	50	0	525	1900					
2	8-Nov	Drilling	03:35	03:55	0.33	2167	2199	32	15	96.0	50	0	525	1900					

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	8-Nov	Drilling	04:05	04:50	0.75	2199	2230	31	15	41.3	50	0	525	2000		30.20	179.90	0.43	
2	8-Nov	Drilling	05:00	05:20	0.33	2230	2261	31	15	93.0	50	0	525	2000					
2	8-Nov	Drilling	05:30	05:50	0.33	2261	2293	32	15	96.0	50	0	525	2000					
2	8-Nov	Drilling	06:05	06:55	0.83	2293	2388	95	15	114.0	50	0	525	2000		30.20	179.00	0.48	
2	8-Nov	Drilling	07:10	08:10	1.00	2388	2483	95	15	95.0	50	0	525	2000		30.20	179.20	0.11	
2	8-Nov	Drilling	08:35	09:05	0.50	2483	2519	36	15	72.0	50	0	525	2000		30.20	178.70	0.26	
2	8-Nov	Drilling	09:55	10:25	0.50	2519	2552	33	15	66.0	50	0	525	2000					
2	8-Nov	Drilling	10:45	11:00	0.25	2552	2577	25	15	100.0	50	0	525	2000					
2	8-Nov	Drilling	11:25	12:45	1.33	2577	2672	95	15	71.3	50	0	525	2000		30.00	178.00	0.43	
2	8-Nov	Sliding	13:20	13:27	0.12	2672	2680	8	15	68.6	0	0	525	1950	0G				
2	8-Nov	Drilling	13:27	13:45	0.30	2680	2704	24	15	80.0	50	0	525	2000		30.90	177.10	1.07	
2	8-Nov	Drilling	17:15	17:55	0.67	2704	2766	62	15	93.0	50	0	551	1900					
2	8-Nov	Drilling	18:05	18:25	0.33	2766	2798	32	15	96.0	50	0	551	1950		31.70	175.90	1.07	
2	8-Nov	Drilling	18:35	18:50	0.25	2798	2830	32	15	128.0	50	0	551	2150					
2	8-Nov	Drilling	19:00	19:15	0.25	2830	2862	32	15	128.0	50	0	551	2150					
2	8-Nov	Sliding	19:25	19:40	0.25	2862	2882	20	15	80.0	0	0	551	2150	90R				
2	8-Nov	Drilling	19:40	19:45	0.08	2882	2893	11	15	132.0	50	0	551	2150		31.50	177.10	0.69	
2	8-Nov	Drilling	19:55	20:10	0.25	2893	2925	32	15	128.0	50	0	551	2150					
2	8-Nov	Drilling	20:15	20:30	0.25	2925	2957	32	15	128.0	50	0	551	2150					
2	8-Nov	Sliding	20:40	20:55	0.25	2957	2972	15	15	60.0	0	0	551	2150	90R				
2	8-Nov	Drilling	20:55	21:05	0.17	2972	2988	16	15	96.0	50	0	551	2150		32.80	184.10	4.19	
2	8-Nov	Drilling	21:15	21:20	0.08	2988	3000	12	15	144.0	50	0	551	2150					
2	8-Nov	Drilling	21:35	21:45	0.17	3000	3018	18	15	108.0	50	0	551	2150					
2	8-Nov	Drilling	21:55	22:15	0.33	3018	3050	32	15	96.0	50	0	551	2200					
2	8-Nov	Sliding	22:25	22:40	0.25	3050	3070	20	15	80.0	0	0	551	2200	120L				
2	8-Nov	Drilling	22:40	22:45	0.08	3070	3082	12	15	144.0	50	0	551	2200		31.60	179.00	3.19	
2	8-Nov	Drilling	22:50	23:05	0.25	3082	3112	30	15	120.0	50	0	551	2200					
2	8-Nov	Drilling	23:15	23:30	0.25	3112	3144	32	15	128.0	50	0	551	2200					
2	8-Nov	Sliding	23:35	23:45	0.17	3144	3154	10	15	60.0	0	0	551	2200	180				
2	8-Nov	Drilling	23:45	23:55	0.17	3154	3175	21	15	126.0	50	0	551	2200					
2	9-Nov	Drilling	00:00	00:20	0.33	3175	3207	32	15	96.0	50	0	551	2200					
2	9-Nov	Drilling	00:30	00:50	0.33	3207	3238	31	15	93.0	50	0	551	2200					
2	9-Nov	Drilling	01:00	01:20	0.33	3238	3270	32	15	96.0	50	0	551	2300		29.00	177.80	1.31	
2	9-Nov	Drilling	01:30	01:55	0.42	3270	3301	31	15	74.4	50	0	551	2300					
2	9-Nov	Drilling	02:05	02:25	0.33	3301	3333	32	15	96.0	50	0	551	2300					



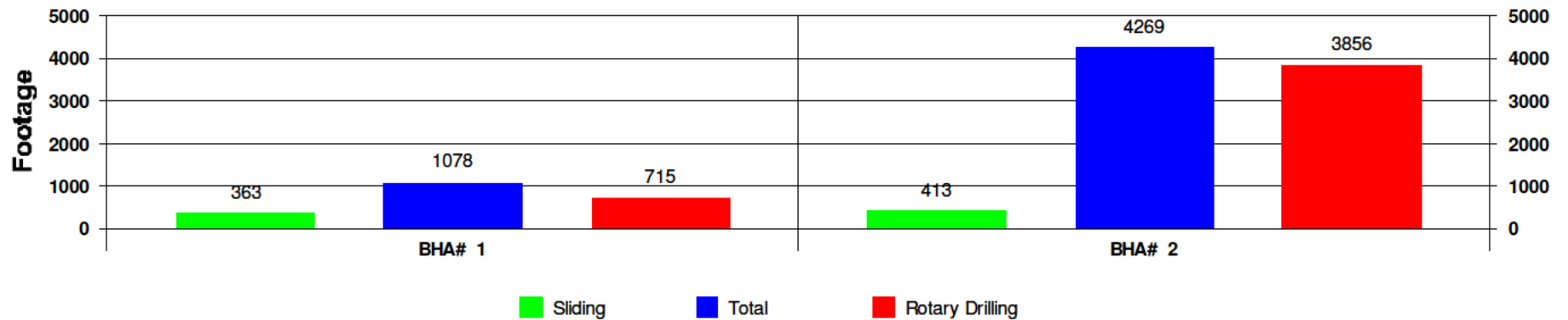
#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	9-Nov	Drilling	02:35	03:00	0.42	3333	3365	32	15	76.8	50	0	551	2300		28.50	177.50	0.55	
2	9-Nov	Drilling	03:10	03:35	0.42	3365	3396	31	15	74.4	50	0	551	2300					
2	9-Nov	Drilling	03:45	04:05	0.33	3396	3428	32	15	96.0	50	0	551	2300					
2	9-Nov	Drilling	04:15	04:35	0.33	3428	3460	32	15	96.0	50	0	551	2300		28.30	176.40	0.60	
2	9-Nov	Drilling	04:45	05:15	0.50	3460	3491	31	15	62.0	50	0	551	2300					
2	9-Nov	Drilling	05:25	05:50	0.42	3491	3523	32	15	76.8	50	0	551	2400					
2	9-Nov	Sliding	06:25	06:35	0.17	3523	3538	15	15	90.0	0	0	551	2400	75R	28.30	178.20	0.90	
2	9-Nov	Drilling	06:35	07:40	1.08	3538	3618	80	15	73.8	50	0	551	2400					
2	9-Nov	Drilling	08:05	09:15	1.17	3618	3713	95	15	81.4	50	0	551	2400		28.30	180.10	0.95	
2	9-Nov	Sliding	16:35	16:55	0.33	3713	3740	27	15	81.0	0	0	551	2250	170L	24.00	179.60	4.50	
2	9-Nov	Drilling	16:55	17:40	0.75	3740	3806	66	15	88.0	50	0	551	2400					
2	9-Nov	Drilling	18:00	18:40	0.67	3806	3870	64	15	96.0	50	0	551	2400		23.50	179.60	0.53	
2	9-Nov	Drilling	20:25	20:50	0.42	3870	3901	31	15	74.4	50	0	551	2400					
2	9-Nov	Sliding	21:00	21:20	0.33	3901	3921	20	15	60.0	0	0	551	2400	180				
2	9-Nov	Drilling	21:20	22:00	0.67	3921	3996	75	15	112.5	50	0	551	2400		21.20	180.60	2.48	
2	9-Nov	Sliding	22:20	22:50	0.50	3996	4018	22	15	44.0	0	0	551	2400	160L				
2	9-Nov	Drilling	22:50	23:05	0.25	4018	4039	21	15	84.0	50	0	551	2400		0.00	0.00	0.00	
2	9-Nov	Drilling	23:20	24:00	0.67	4039	4075	36	15	54.0	50	0	551	2400					
2	10-Nov	Drilling	00:00	00:15	0.25	4075	4091	16	15	64.0	50	0	551	2400					
2	10-Nov	Sliding	00:35	01:00	0.42	4091	4118	27	15	64.8	0	0	551	2400	150L				
2	10-Nov	Drilling	01:00	01:30	0.50	4118	4150	32	15	64.0	50	0	551	2400		15.20	183.10	3.27	
2	10-Nov	Drilling	02:00	02:30	0.50	4150	4187	37	15	74.0	50	0	551	2400					
2	10-Nov	Sliding	02:50	03:50	1.00	4187	4219	32	15	32.0	0	0	551	2400	150L	11.40	183.80	4.00	
2	10-Nov	Drilling	03:50	05:00	1.17	4219	4283	64	15	54.9	50	0	551	2400					
2	10-Nov	Sliding	05:20	06:10	0.83	4283	4314	31	15	37.2	0	0	551	2400	-160L	8.00	182.60	3.59	
2	10-Nov	Drilling	06:10	07:05	0.92	4314	4377	63	15	68.7	50	0	551	2400					
2	10-Nov	Sliding	07:40	08:15	0.58	4377	4409	32	20	54.9	0	0	551	2450	20M	4.00	187.70	4.29	
2	10-Nov	Drilling	08:15	09:25	1.17	4409	4471	62	15	53.1	50	0	551	2450					
2	10-Nov	Sliding	09:50	10:10	0.33	4471	4500	29	20	87.0	50	0	505	2200	30M	1.70	211.20	2.67	
2	10-Nov	Drilling	10:10	11:10	1.00	4500	4566	66	15	66.0	50	0	505	2300					
2	10-Nov	Sliding	11:35	11:55	0.33	4566	4581	15	20	45.0	0	0	505	2200	30M	0.40	303.00	1.87	
2	10-Nov	Drilling	11:55	13:30	1.58	4581	4629	48	25	30.3	50	0	505	2350					
2	10-Nov	Drilling	13:50	14:15	0.42	4629	4661	32	35	76.8	50	0	505	2350					
2	10-Nov	Drilling	14:30	16:05	1.58	4661	4753	92	35	58.1	50	0	505	2350		0.50	337.90	0.31	
2	10-Nov	Drilling	16:30	17:50	1.33	4753	4832	79	35	59.3	50	0	505	2350		0.70	326.20	0.25	

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	10-Nov	Drilling	19:30	19:45	0.25	4832	4848	16	35	64.0	50	0	505	2350					
2	10-Nov	Drilling	20:05	22:20	2.25	4848	4943	95	35	42.2	50	0	505	2350		0.60	324.60	0.11	
2	10-Nov	Drilling	22:45	24:00	1.25	4943	5022	79	35	63.2	50	0	505	2350		0.00	0.00	0.00	
2	11-Nov	Drilling	00:00	00:20	0.33	5022	5038	16	35	48.0	50	0	505	2250					
2	11-Nov	Drilling	00:45	03:35	2.83	5038	5133	95	35	33.5	50	0	505	2350		0.40	278.90	0.25	
2	11-Nov	Drilling	04:00	06:50	2.83	5133	5227	94	35	33.2	50	0	505	2350		0.20	227.40	0.34	
2	11-Nov	Drilling	07:15	10:00	2.75	5227	5320	93	35	33.8	50	0	505	2350		0.10	357.10	0.29	
2	11-Nov	Drilling	10:25	12:55	2.50	5320	5415	95	35	38.0	50	0	505	2350		0.40	29.10	0.34	
2	11-Nov	Drilling	13:15	16:00	2.75	5415	5455	40	35	14.5	50	0	505	2300		0.80	346.00	1.18	
Total Drilled:						4269	Avg. Total ROP:			66.55	DEPTH% - TIME %								
Total Rotary Drilled:						3856	Avg. Rotary ROP:			67.79	Percent Rotary:		90.33 - 88.67						
Total Drilled Sliding:						413	Avg. Slide ROP:			56.83	Percent Slide:		9.67 - 11.33						

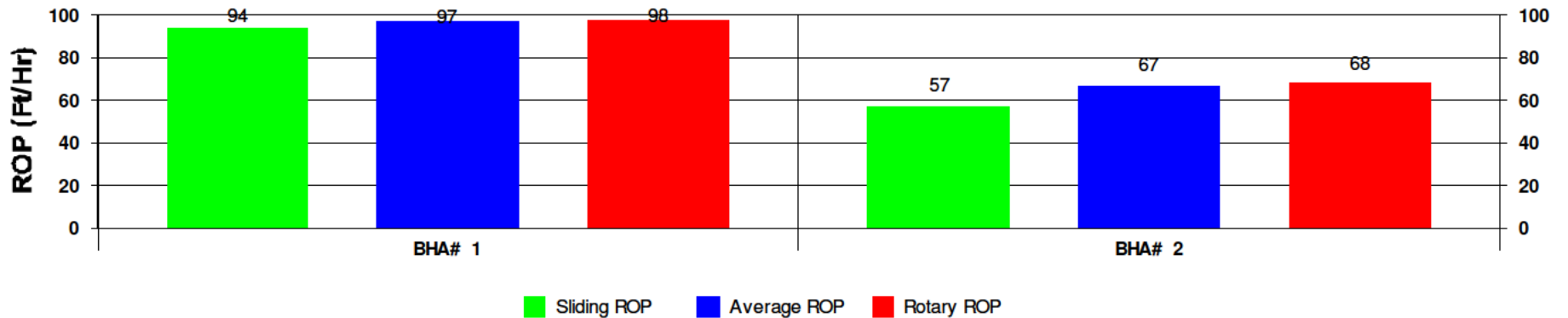


JOB NO.:	TL21053	FIELD:	Wildcat
Company:	Snake River Oil and Gas	Township:	Fruitland
LOCATION:	RM	SECT\ RANGE:	
RIG NAME:	Paul Graham 4	COMMENT	
STATE:	ID		
COUNTY:	Payette		
WELL NAME:	Fallon #1-11		

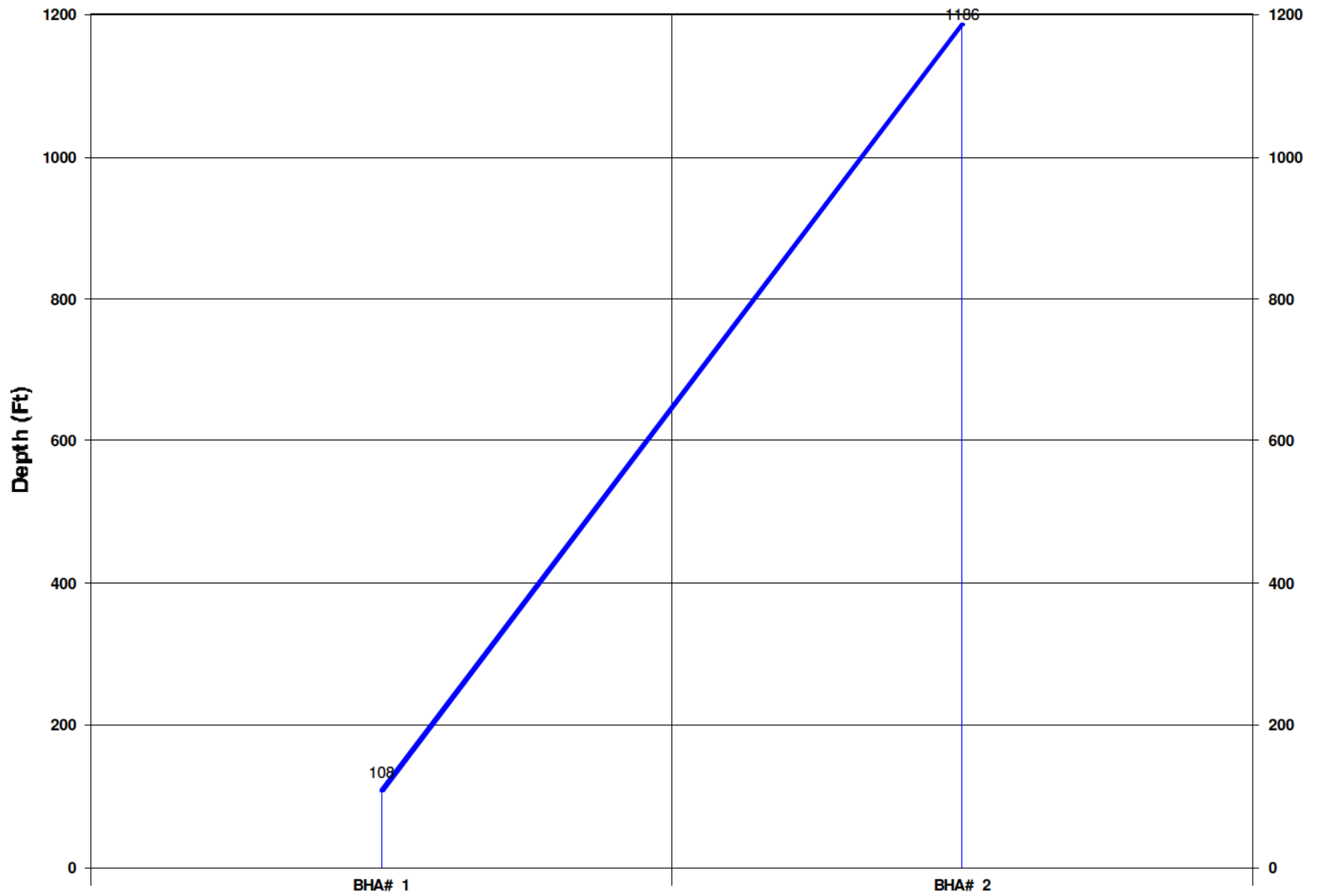
### Footage Drilled with BHA



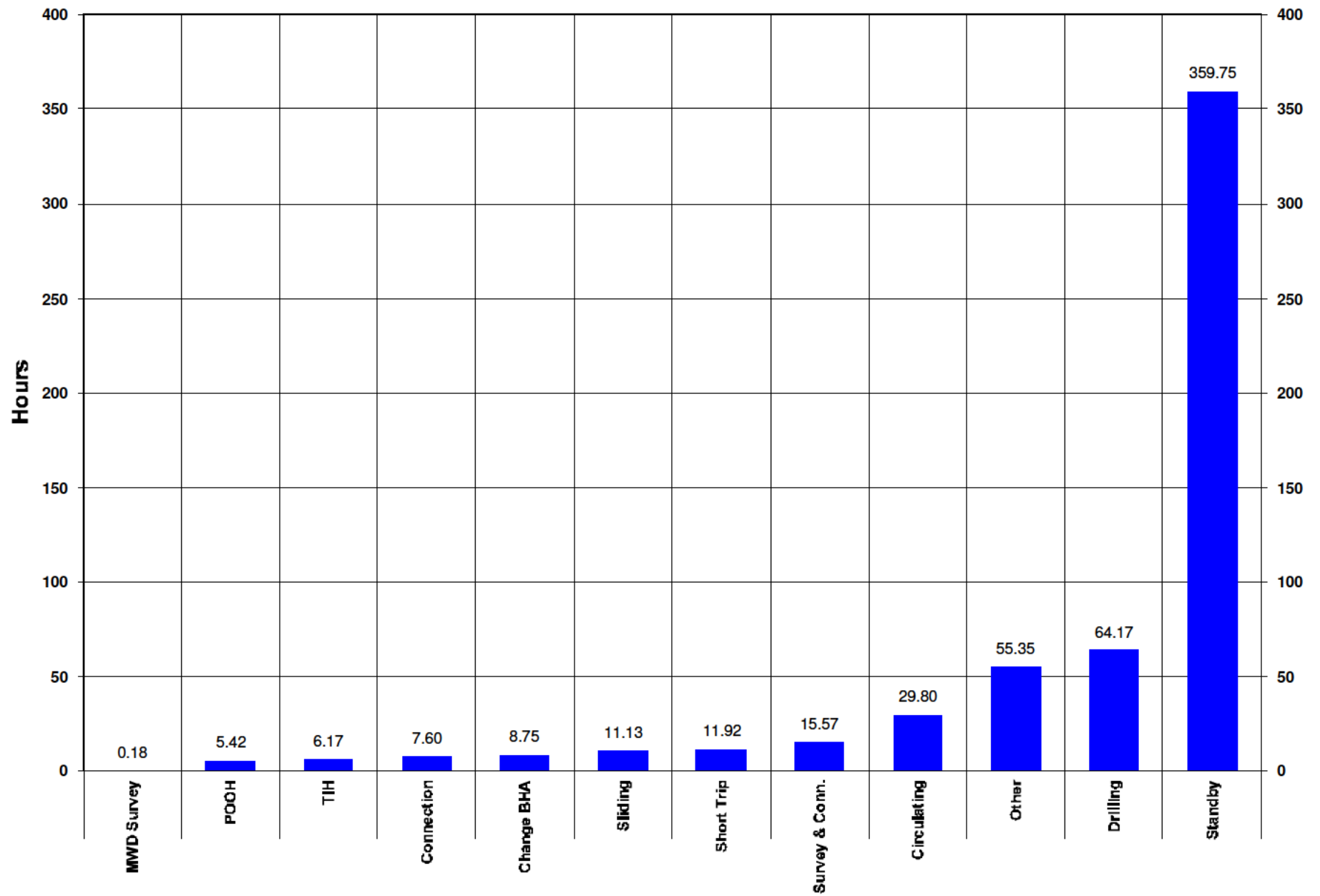
### ROP vs BHA



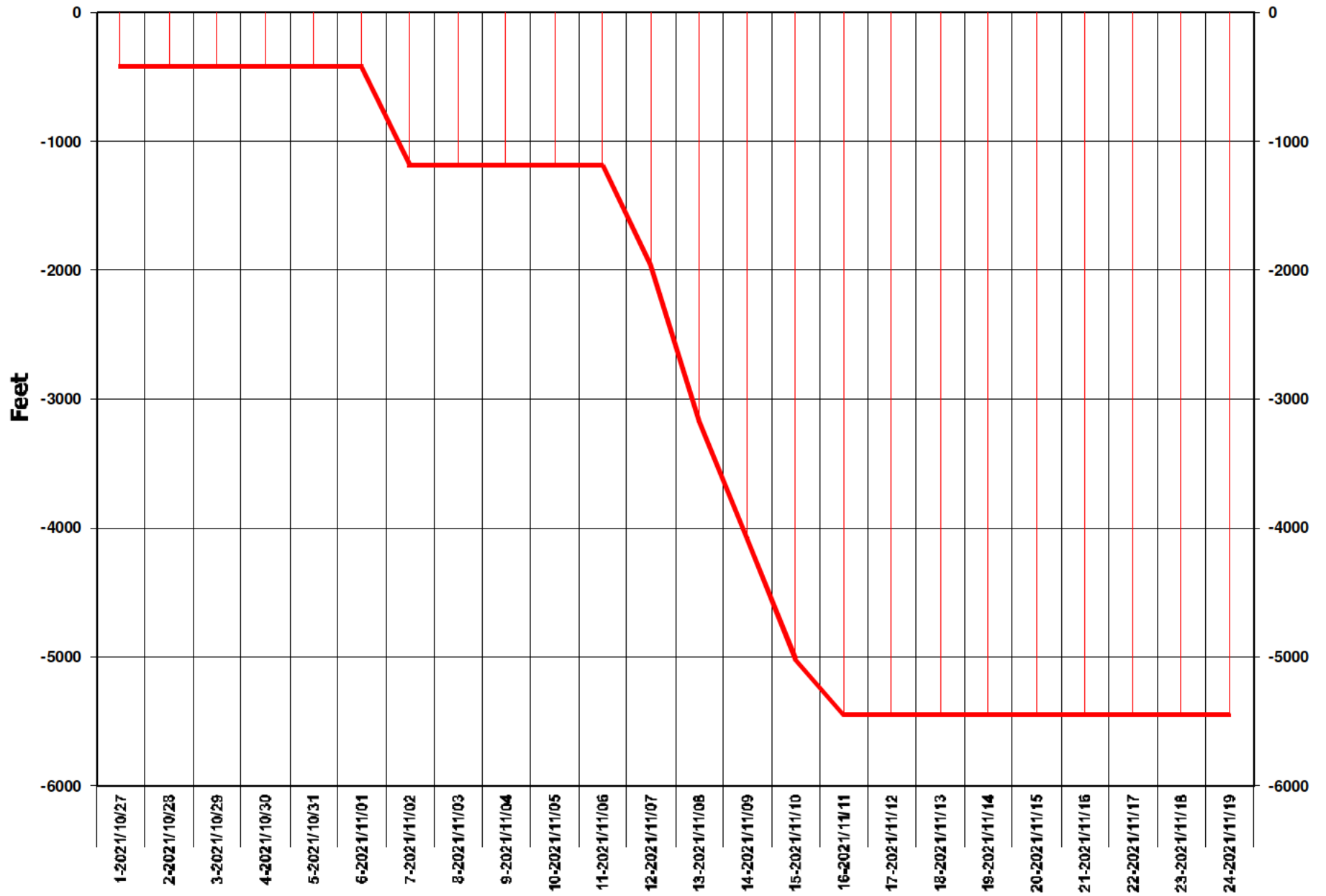
### Depth vs BHA



## Activity Histogram

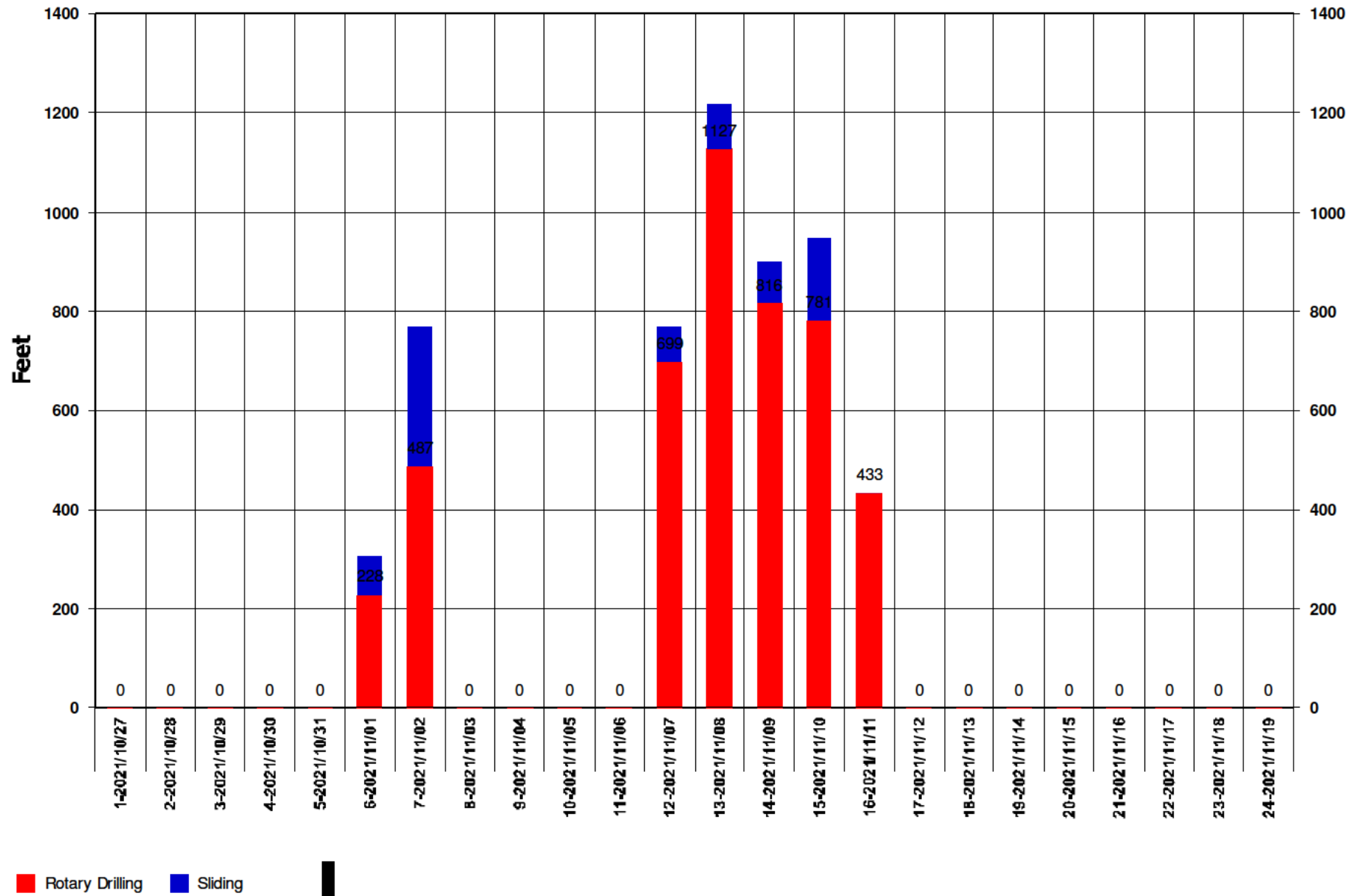


## Measured Depth vs Days

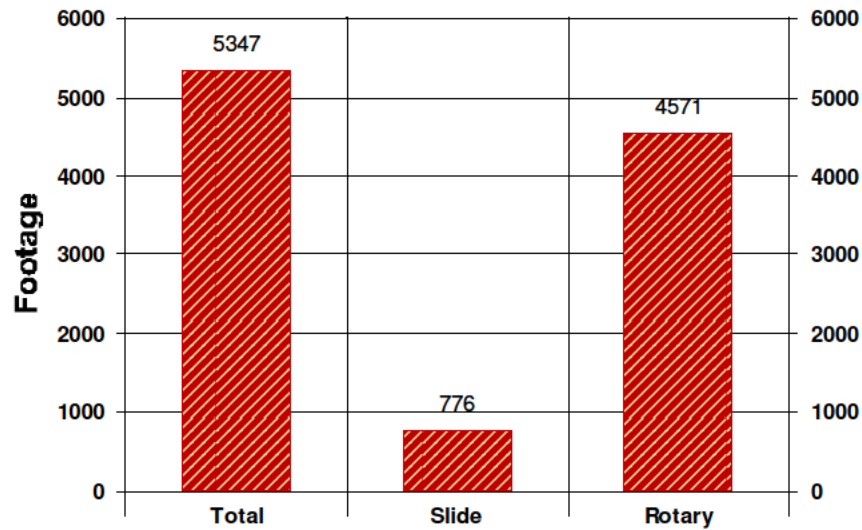




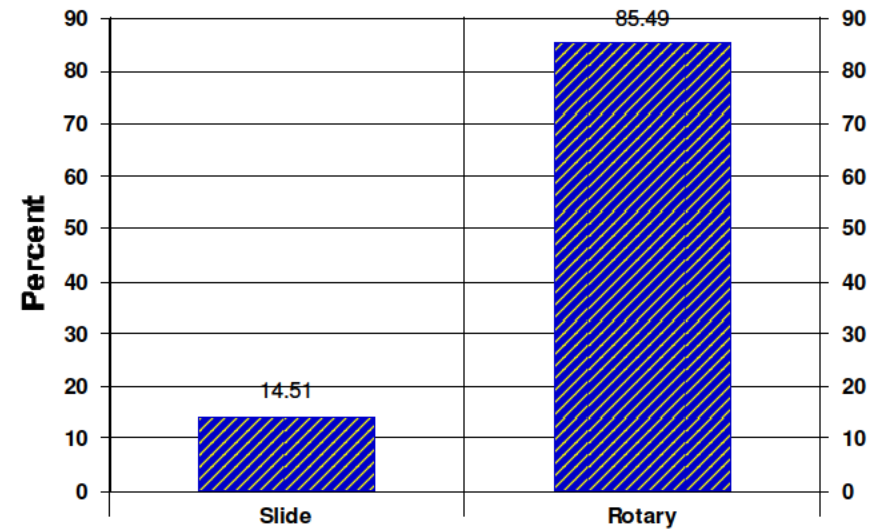
## Daily Footage



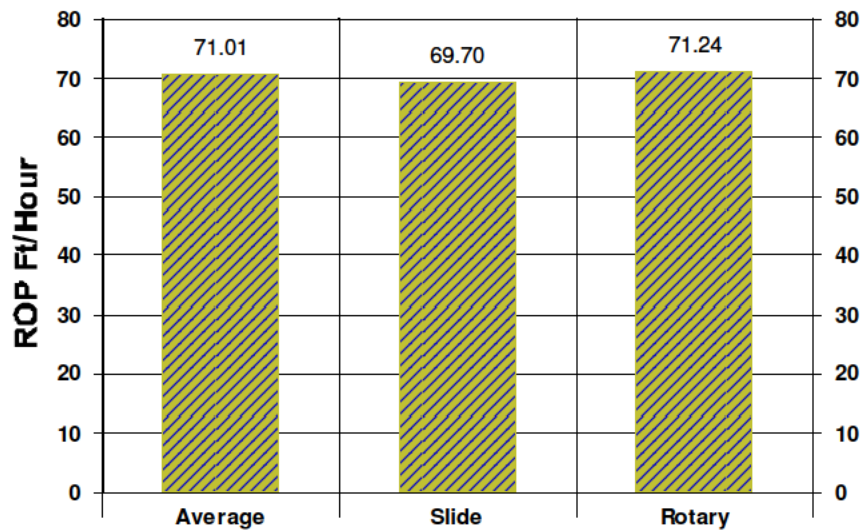
Footage Drilled Totals



Footage Percent



Rate of Penetration Totals



Time Percent

