SNAKE RIVER OIL + GAS

Phone Number
870-234-3080

P.O. Box 500
Magnolia, Arkansas 71754-0500

Fax Number
870-234-3839

Subject: SROG James 1-10 APD Submittal/App Fee 1-5-26
Attention: James Thum

Idaho Dept of Lands
Oil and Gas Program
300 N. 6th street, Suite 103
Po Box 83720
Boise, ID 83720-0050

Dear James,

Please find enclosed an Application for Permit to Drill the subject well along with necessary supplemental items and also a check for processing of $2,000.

Please feel free to contact me anytime w/ questions or concerns, and thanks for your time.

Truly,

Nate Caldwell
Operations Manager

Idaho Department of Lands
Idaho Oil and Gas Conservation Commission

Information on Application for Permit to Drill, Deepen, or Plug Back

This form is four (4) pages, please read and complete all sections.

Additional Information

Fees: IDAPA 20.07.02.200.02

An application fee must accompany each application for permit to drill, deepen, or plug back. No service fee is required for a permit to deepen or plug back if completed within one (1) year from issuance of permit to drill a well.

Permit Denial:

Applications may be denied for the following reasons:

- Application fee was not submitted. Idaho Code § 47-316 (1)
- Application is incomplete.
- Failure to post required bonds.
- Proposed well will result in a waste of oil or gas, a violation of correlative rights, or the pollution of freshwater supplies. Idaho Code § 47-315.

Well Completion/Recompletion Report: IDAPA 20.07.02.340

Within thirty (30) days after the completion of a well drilled for oil or gas, or the recompletion of a well into a different source of supply, or where the producing interval is changed, a completion report shall be filed with the Department, on a form prescribed by the Department.

Log Submittals: Idaho Code § 47-316 (4); IDAPA 20.07.02.341

All wells shall have:

- A lithologic log from the bottom of the hole to the top, to the extent practicable. IDAPA 20.07.02.341.01.
- A bottomhole location survey log. IDAPA 20.07.02.341.02.
- A cement bond log. IDAPA 20.07.02.341.03.
- If other logs were run, including, but not limited to, resistivity, gamma-neutron log, sonic log, etc., then the owner or operator shall retain a copy regardless of results. IDAPA 20.07.02.341.04
- All logs shall be submitted to the Department in digital formats within thirty (30) days of the log being run. If logs were run in color, then the submitted copies shall also be in color. Digital formats must be Tiff and LAS 2.0 or higher. Logs submitted to the department must have a scale of one (1) or two (2) inch for correlation logs and five (5) inches for detail logs. IDAPA 20.07.02.341.05.

Please submit Application to Drill, Deepen, or Plug Back to:

Idaho Department of Lands
Oil and Gas Program
300 N. 6th Street, Suite 103
P.O. Box 83720
Boise, Idaho 83720-0050

Idaho Department of Lands
Idaho Oil and Gas Conservation Commission

Form for Application For Permit to Drill, Deepen, or Plug Back

APPLICATION TO: (•) Drill ($2,000) ( ) Deepen ($500) ( ) Plug Back ($500)

Operator Information

Name of Operator: Snake River Oil & Gas Date: 10-15-25

Address: 117 East Calhoun St, PO Box 500

City: Magnolia State: AR Zip Code: 71753

Contact Name: Nate Caldwell Telephone: 870-904-7305

Email Address caldwell.nathan@weiser-brown.com

Emergency Contact Name/Phone: Nate Caldwell / 870-904-7305

Description Of Well And Lease

Name of Lease: James Well Number: 1-10

Elevation (ground): 2150.5

Well Location: Section: 10 Township: 8N Range: 5W (or block and survey) _____

(Give footage from Section lines): 2091' FNL & 1148' FWL

Latitude: N44*02'54.466" Longitude: W116*55'44.352" (Dec Degrees NAD83 minimum requirement)

Datum: ☐WGS84 ■NAD83 ☐NAD27 ☐Other: _____

Field and Reservoir (if wildcat, so state): Harmon County: Payette

Distance, in miles, and direction from nearest town or post office: 1 mile north of Fruitland, ID

Nearest distance from proposed location to property or lease line: 1270 feet

Nearest producing well: 2997 feet

Type of Test/Unit: ☐Gas / 640 acre unit ☐Oil / 40 acre unit ■Other/Docket No. CC-2024-OGR-01-001

Is Operator requesting a well location exception? ☐Yes ■No

Confidential Well Status Request? ■Yes ☐No

Distance from proposed location to nearest drilling, completed or applied for on the same lease: N/A feet

Proposed depth: 5,000' Approx. date work will start: 3/1/26

Number of acres in lease(s): 320

Number of wells on lease, including this well, completed in or drilling to this reservoir: 1

If lease purchased with one or more wells drilled, complete the following information:

Purchased from (Name): N/A

Address of above: N/A

Bond Type and Number: N/A

Surface Rights Owner (At proposed surface location):

Name Larry James Phone: 208.355.4640

Does the drilling unit contain state leases? If yes, check all that apply:

- ☐ IDL - Idaho Department of Lands
- ☐ IDFG - Idaho Department of Fish and Game
- ■ IDT - Idaho Department of Transportation
- ☐ Navigable Waterways - State owned beds and banks of navigable rivers and lakes
- ☐ Other - Other state agencies not named above. Includes, but is not limited to: Idaho Department of Parks and Recreation, Idaho Military Division, etc.

Does this application include the following actions? If yes, check all that apply:

☐ Well Treatment ☐ Pit Construction ■ Directional or Horizontal Drilling

Applications that include well treatments, pit construction, and directional drilling must provide attachments with the information required from the respective sections of IDAPA 20.07.02 and Idaho Code § 47-3. If these activities are not included in this application, then a separate application and approval will be required prior to commencement of any of these activities.

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

Applicant(s) should be familiar with and adhere to IDAPA 20.07.02, Rules Governing Conservation of Oil and Natural Gas in the State of Idaho, and Idaho Code § 47-3, Oil and Gas Wells--Geologic Information and Prevention of Waste.

Please check the boxes below to indicate that you have supplied the required information.

Maps Required

- Attach a survey plat or map, preferably on a scale of one (1) inch equals one thousand (1,000) feet, prepared by a licensed surveyor or engineer. All maps and plats should include a bar scale for reference.
- The plat must show:
  - ☐ Distance of the proposed surface location to the nearest occupied structure and the nearest highway.
  - ☐ The proposed well location. For directional wells, both surface and bottom hole locations should be marked.
  - ☐ The location of the well with reference to the nearest lines of an established public survey.

☐ All leased tracts held by the applicant within the drilling unit. Distances of the proposed well from the two nearest unit boundary lines, if applicable, and from the nearest oil or gas wells on the same unit. completed in or being drilled to the same reservoir. If the well location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well, and the names and addresses of all adjoining lease or property owners.

☐ The location of the nearest structure with a water supply, or the nearest water well as shown on the IDWR registry of water rights or well log database. The location of the nearest canal, ditch, or ordinary high-water mark of surface waters (Idaho Code §47-319(1)).

Other Required Information

☐ Estimated depth to the top of the important geologic markers.

☐ Estimated depth to the top of the target formations.

☐ Information on the type of tools to be used.

☐ Proposed logging program.

☐ Proposed casing program, including size and weight of casing and the depth at which each casing type is to be set.

☐ Type and amount of cement to be used, and the intervals cemented.

☐ Information on the drilling plan (drill pad and rig set up, etc).

☐ Schematic diagram of the BOP and well head assemblies, including the minimum size and pressure rating of all components of the BOP and well head assemblies.

☐ Best management practices to be used for erosion and sediment control.

☐ Plan for interim reclamation of the drill site after the well is completed, and a plan for final reclamation of the drill site following plugging and abandonment of the well. These plans must contain the information needed to implement reclamation as described in IDAPA 20.07.02 subsection 310.16 and section 510.

CERTIFICATION: I, Nate Caldwell, the undersigned, state that I am the Operations Manager of Snake River Oil & Gas (company) and that I am authorized by said company to make this application, and that this application was prepared under my supervision and direction, and that the facts stated herein are true, correct and complete to the best of my knowledge.

Date: 1-5-2025 Signature: _____

Notice: Before submitting this form, be sure that you have given all information requested.

IDL Office Use Only:

Approval Date: _____ Approved by: _____
Signature and Title

US Well Number: _____ Operator Number (if known): _____

Surface Use Agreement
James #1-10 Well

August 1, 2025

Mr. Larry James,

Regarding the upcoming plans to drill a new well on your property (James #1-10) and as required by the Oil and Gas Lease, we are requesting written approval for all surface operations and setback waivers. The location of upcoming surface operations will be conducted in a portion of the following description:

Township 8 North, Range 5 West, Boise Meridian
Section 10: W2

Per our recent field meeting on July 24th, we discussed the following items: well pad location, flowline route and surface water setback waivers.

The well pad location has been shifted to the south-west, directly away from the edge of water and to be more than 60 feet off access road. The new well pad location has been staked accordingly and is identified on the accompanying plats with this agreement. With local and state setback requirements, this agreement will allow us to be within the standard 300 feet requirement but more than 100 feet away from all surface waters on your property in the vicinity of the well pad. Your approval of this location of our operations waives the requirement to be more than 300 feet away from all surface waters down to a minimum of 100 feet.

Post drilling of a successful well, we will need to install a flowline in order to get the product to sales. This flowline route was discussed on site and agreed we will run the flowline in a straight line off the south side of the James #1-10 well pad to the north side of the Fallon #1-10 well pad, where we will tie into the existing pipeline.

Agreed to and made effective August 1, 2025.

X Larry James

Larry James

Snake River Oil and Gas, LLC

IDL Permit Supplement

James 1-10

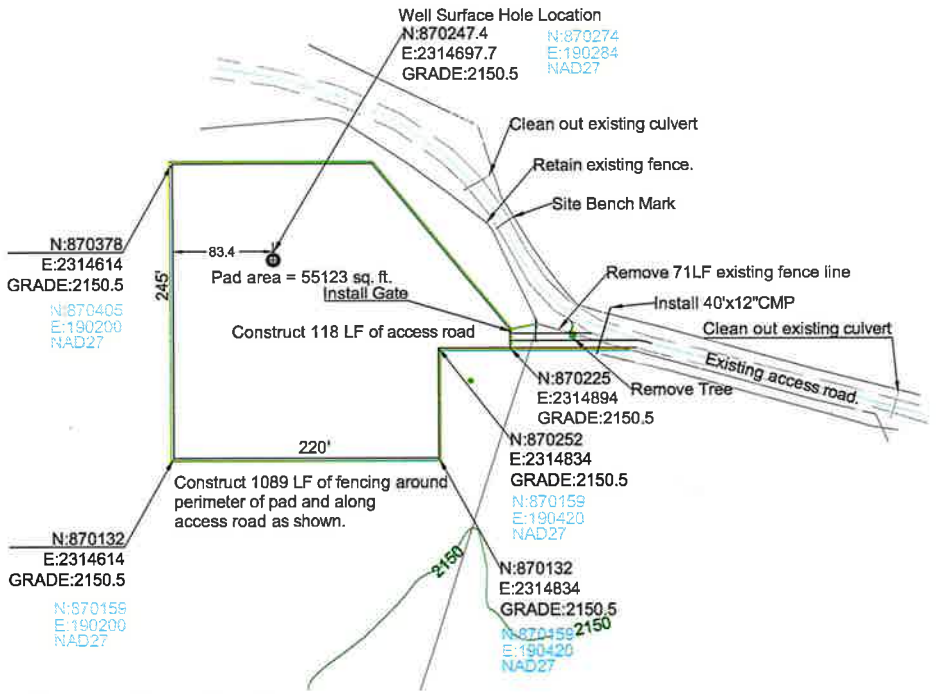
Payette County, ID

August 8, 2025

Table of Contents

ACCESS ROAD & WELL PAD
JAMES 1-10 WELL SITE
for Snake River Oil & Gas Company

LOCATED IN THE NW1/4 OF
SECTION 10, TOWNSHIP 8 NORTH, RANGE 5 WEST, B.M.,
PAYETTE COUNTY, IDAHO
-2025-



LEGEND

- FENCE LINE TO BE CONSTRUCTED
- FENCE LINE EXISTING
- CENTERLINE ROAD
- EDGE OF GRAVEL LINE

PAD VOLUME TABLE	
IMPORT/FILL (GRAVEL):	680 CY
IMPORT/FILL (PIT RUN):	2388 CY

ROAD VOLUME TABLE	
IMPORT/FILL (GRAVEL):	17 CY
IMPORT/FILL (PIT RUN):	61 CY

CONSTRUCTION NOTES:

1. CONTRACTOR SHALL CLEAR AND GRUB THE CONSTRUCTION AREA IN ACCORDANCE WITH ISPWC SECTION 201 PRIOR TO PLACING ANY PIT RUN MATERIAL.
2. ROADWAY SECTION SHALL INCLUDE PLACEMENT OF A 12' WIDE BY 8" OF 6" MINUS PIT RUN AGGREGATE IN ACCORDANCE WITH SECTION 801 AND 4" OF 3/4" MINUS CRUSHED GRAVEL IN ACCORDANCE WITH SECTION 802 ISPWC.
3. DAMAGE TO PROPERTY OUTSIDE THE CONSTRUCTION LIMITS WILL BE REPAIRED BY CONTRACTOR AND THE COST PAID BY CONTRACTOR.
4. UPON COMPLETION OF PROJECT, CONTRACTOR TO CLEAN ENTIRE CONSTRUCTION SITE.

GENERAL NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH ISPWC.
2. CONTRACTOR RESPONSIBLE TO CALL DIGLINE FOR LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL PERMITS AND FOLLOW ALL AGENCY RULES AND CODES.
4. CONTRACTOR TO COMPLY WILL ALL AGENCIES TO INCLUDE PERMITTING.

SITE CONSTRUCTION NOTES:

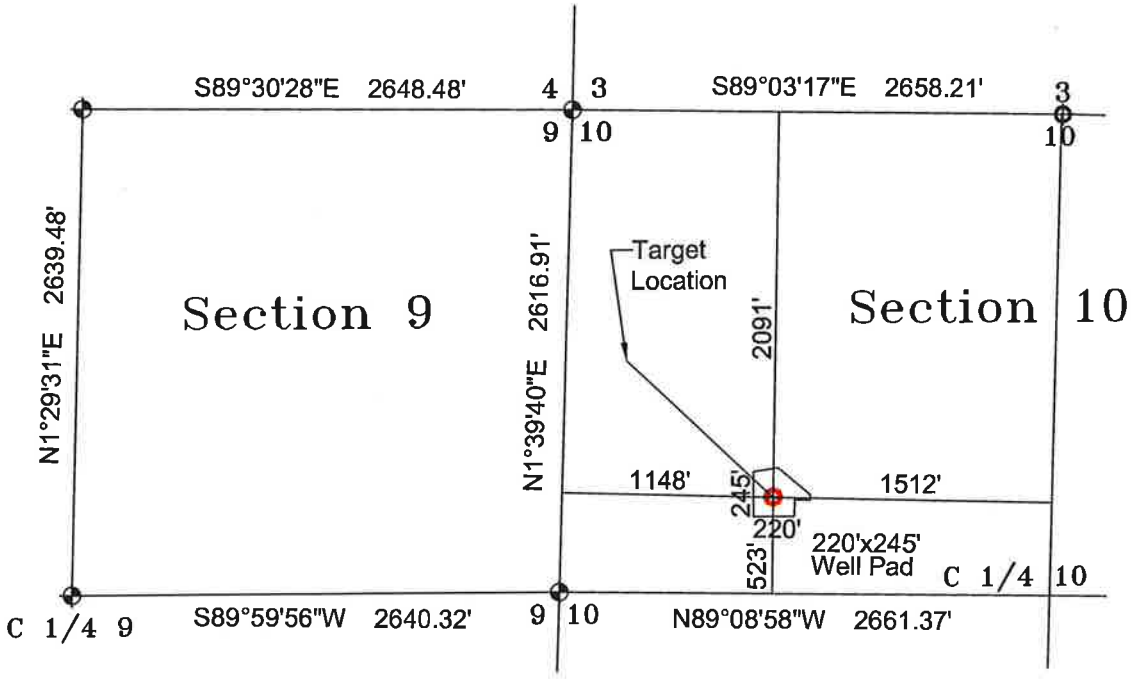
1.Contractor shall construct 118 LF of new 12' wide access road to well pad site.
2.Contractor shall construct well pad site up to but retain the fence line on the northerly and easterly sides.
3.Contractor shall construct 1089 LF of new fence line & install gate.
4.Contractor shall install 40'x12" C.M.P. or longer.
5.Contractor shall clean out existing culverts.
6.Contractor to remove existing trees and required amount of existing fence line.

WELL NOTES:

1.Well surface location is 1148 feet from the west line of section 10.
2.Well surface location is 2091 feet from the north line of section 10.

EXHIBIT UNIT MAP OF
James 1-10

LOCATED IN
A PORTION OF THE NORTHEAST 1/4 OF SECTION 9, & THE NORTHWEST 1/4,
OF SECTION 10, TOWNSHIP 8 NORTH, RANGE 5 WEST, B.M.,
PAYETTE COUNTY, IDAHO
-2025-



Surface Hole Location

Idaho State Plane Coordinates West Zone 1103
U.S. Survey Feet

1927 Datum N=870274 E=190284
1927 Lat. N44°02'54.869" Long. W116°55'40.773"
NAD83 N=870247.4 E=2314697.7
WDG84 Lat. N44°02'54.466" Long. W116°55'44.352"
Surface Hole Elevation = 2150.5' NAVD 88

SCALE: 1"=1000'

Target Location

Idaho State Plane Coordinates West Zone 1103
U.S. Survey Feet

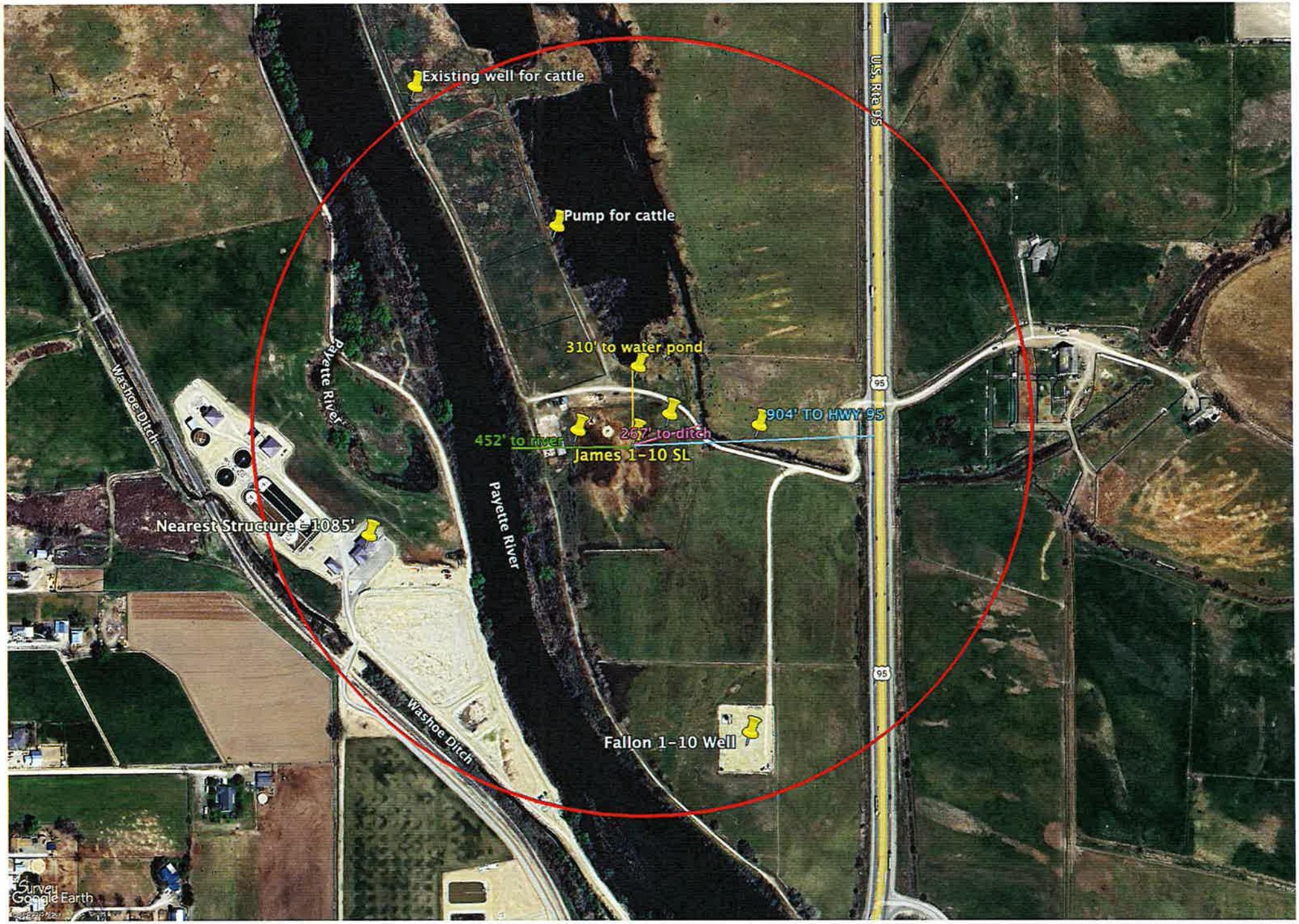
1927 Datum N=871017 E=189488
1927 Lat. N44°03'02.093" Long. W116°55'51.806"
NAD83 N=870990 E=2313902
WGS84 Lat. N44°03'01.690" Long. W116°55'55.386"

Note:

Surface well location and the Target location are both contained within the NW1/4 of Section 10.

PROFESSIONAL LAND SURVEYOR
REGISTERED
Craig R. McCullough
STATE OF IDAHO
CRAIG R. McCULLOUGH

4 Rivers Surveying Inc.
1310 Shady Lane, EMMETT IDAHO
PHONE: 855-477-6901


Existing well for cattle
Pump for cattle
310' to water pond
904' TO HWY 95
267' to ditch
452' to river
James 1-10 SL
Nearest Structure - 1085'
Fallon 1-10 Well
Washoe Ditch
Payette River
Payette River
Washoe Ditch
U.S. Rte 95
95
95
Survey
Google Earth

IDL Permit Supplement
James 1-10

Payette County, ID
August 8, 2025

Geologic Prognosis

Prospect

The James #1-10 well is designed to test Sands "A" and "B" as primary objectives. It is estimated that the top of target Sand "A" will be encountered at +/- 3534' Measured Depth (MD) in the Proposed Well (3534' MD / 3300' TVD / -1139' Subsea Depth). The top of target Sand "B" is expected to be encountered in the range of 3606' to 3646' MD in the Proposed Well. The nearby Fallon #1-10 well is an existing well which produces from Sand "B" and has apparent gas saturation in Sand "A".

Below Sand B there are multiple additional sands expected to be encountered which are secondary objectives. The sands are expected to be of varying thickness, and separated by claystones and siltstones.

Proposed Well

The well is to be drilled as a directional well to the northwest to a depth of 5000' MD/ 4559' TVD. The well plan will be an "S" Curve. The surface and bottom hole locations will be in Section 10-Township 8N -Range 5W (Payette County, Idaho).

Estimated Geological Formation Tops

JAMES #1-10 EXPECTED OCCURRENCE OF GEOLOGIC MARKERS	EXPECTED DEPTH(ft) MD	EXPECTED DEPTH(ft) TVD	EXPECTED DEPTH(ft) SUBSEA
Claystone - +/- 3500' of claystone expected with occ. thin Sandstones and siltstones of Glenns Ferry/ Chalk Hills Fms. Undiff. From 200' to 3580' MD	200'	200'	200'
Sand "A"	3534'	3300'	-1139'
Sand "B"	3606'	3372'	-1211'
Multiple Sands alternating with Claystones are expected below Sand B to Total Depth Drilled			
Proposed Total Depth	5000'	4766'	-2605'
Payette Fm	Not Reached	Not Reached	Not Reached

Leasing Exhibit

The 320 acre drilling unit was spaced and integrated under Idaho OGCC Order.
Agency Case No. CC-2024-OGR-01-002

Site Preparation

Erosion Control

Erosion Control Appropriate grading, mechanical stabilization (rip-rap or hay bales), and silt fencing will be used to prevent soil erosion. All cut and fill slopes are designed with a minimum 2:1 grade to minimize runoff erosion and ensure mechanical stability.

Sump

The location will have a 2' deep trench on downhill sides where the spoil from that trench will be used to construct an earthen berm around the location. The trench will act as a sump to collect rain and wash water for controlled release or appropriate disposal as required.

IDL Permit Supplement
James 1-10

Payette County, ID
August 8, 2025

Well Construction

Well Interval	Bit/Hole	CSG Size	Grade & Weight	CSG Depth	TOC	CMT Type/Volume
Conductor	20"	16"	H-40 65ppf	90-120'	Surface	200 SKS A/C
Surface	12.25"	9-5/8"	K-55 40ppf	1,150'	Surface	Lead-240 sks Class G
						Tail-370 sks Premium Class G
						Additives: Accelerators & Fluid loss additives to help with seepage and make it gas tight
Production	8.75"	5-1/2"	J/K-55 15.5ppf	5,000'	Surface	2 Stage CMT Job
					Stage #1: (5000' TD to 3,300' MD)	Tail- 530 sks Class G 14.2 PPG
					Stage #2: (3,300' MD to Surface)	Lead- 580 sks Class G 13.0 PPG
						Additives: Flyash, dispersant, accelerators, & Fluid loss additives to help with seepage and make it gas tight

Surface Casing Detail

-9 5/8" float shoe
-1 full length joint 9 5/8" 40# K-55 STC for shoe track - centralized
-9 5/8" float collar
-9 5/8" 40# K-55 STC Casing jts to surface
-Cement basket for 9 5/8" casing approx. 80' below surface.
-Centralization - (centralization placement TBD).

Production Casing Detail

-5 ½" float shoe
-2 full length jts 5 ½" 15.5# K-55 LTC for shoe track – centralized
-5 ½" float collar
-5 ½ 15.5# K-55 LTC csg with (centralization placement TBD).

Both the Surface and Production Casing weights, grades, & connections will be as shown here, or higher if stronger material is more readily available. This is meant to show the minimum specs that we will utilize for the well. We want to retain the right to utilize a stronger grade, weight, or connection if that is what we decide upon receiving all casing bids from vendors

Cementing Program

Conductor: 200 sks Class A or C – surface to 120'

WELL INFORMATION				
SURFACE CASING	9 5/8		Set @ 1150 ft	
PREVIOUS CASING			0 ft	
HOLE SIZE	12 1/4		Set @ TD	
FLUID NAME	DENSITY (LB/GAL)	VOLUME (BBL)	EXCESS (%)	TOP OF FLUID (FT)
FW SPACER	8.33	20	0%	0
LEAD SLURRY	12.5	92.5	150%	0
TAIL SLURRY	15.8	76.2	150%	650
DISPLACEMENT	8.33	81	0%	0
LEAD SLURRY	240 SACKS	12.5 PPG	2.17 CU/FT/SK	11.19 GAL/SK
B4-VALUE G				
0.003 GALS PER SACK B4-713				
10% B4-201				
5% B4-402				
0.5% B4-202				
5 LBS PER SACK B4-707				
5 LBS PER SACK B4-305				
TAIL SLURRY	370 SACKS	15.8 PPG	1.16 CU/FT/SK	5.00 GAL/SK
PREMIUM (CLASS G)				
0.003 GALS PER SACK B4-713				
1% B4-401				

PUMP SCHEDULE		
FLUID NAME	PUMP RATE (BBLS/MIN)	ESTIMATED TIME (HH:MM)
FW SPACER	6	0:10
LEAD SLURRY	6	0:20
TAIL SLURRY	6	0:20
DISPLACEMENT	6	0:20
TOTAL ESTIMATED TIME NEEDED (HH:MM)		1:10

Production Casing 2 stage CMT job:

WELL INFORMATION		
PRODUCTION CASING	5 1/2	Set @ 5000 ft
DV TOOL		Set @ 3300 ft
PREVIOUS CASING	9 5/8	Set @ 1125 ft
HOLE SIZE	8 3/4	Set @ TD

1ST STAGE				
FLUID NAME	DENSITY (LB/GAL)	VOLUME (BBL)	EXCESS (%)	TOP OF FLUID (FT)
WEIGHTED SPACER	10.00	30	0%	0
TAIL SLURRY	14.2	92.7	20%	3300
DISPLACEMENT	8.33	111	0%	0
2ND TAIL SLURRY	410 SACKS	14.2 PPG	1.27 CU/FT/SK	5.68 GAL/SK
B4-ECO G				
0.003 GALS PER SACK B4-713				
5% B4-402				
2% B4-201				
0.6% B4-12				
0.2% B4-503				
0.2% B4-202				
0.15% B4-109				

PUMP SCHEDULE		
FLUID NAME	PUMP RATE (BBLS/MIN)	ESTIMATED TIME (HH:MM)
WEIGHTED SPACER	6	0:10
TAIL SLURRY	6	0:20
DISPLACEMENT	6	0:20
TOTAL ESTIMATED TIME NEEDED (HH:MM)		0:50

2ND STAGE				
FLUID NAME	DENSITY (LB/GAL)	VOLUME (BBL)	EXCESS (%)	TOP OF FLUID (FT)
WEIGHTED SPACER	10.00	30	0%	0
TAIL SLURRY	13.0	172.5	20%	0
DISPLACEMENT	8.33	73	0%	0
2ND TAIL SLURRY	580 SACKS	13.0 PPG	1.67 CU/FT/SK	8.53 GAL/SK
B4-ECO G				
0.003 GALS PER SACK B4-713				
5% B4-402				
6% B4-201				
0.6% B4-12				
0.2% B4-202				
0.2% B4-109				

PUMP SCHEDULE		
FLUID NAME	PUMP RATE (BBLS/MIN)	ESTIMATED TIME (HH:MM)
WEIGHTED SPACER	6	0:10
TAIL SLURRY	6	0:30
DISPLACEMENT	6	0:20
TOTAL ESTIMATED TIME NEEDED (HH:MM)		1:00

Surface Casing: 9 5/8" (Excess 150%)

Stage	Volume	Yield	Density	Description
Spacer	20 bbls	N/A	8.34 ppg	20 bbls FW
Lead Cement	92.5 BBLS	2.17 ft3/sk	12.5 ppg	240 sks B4 Class G
Tail Cement	76.2 BBLS	1.16 ft3/sk	15.8 ppg	370 sks Premium Class G
Displacement	80 bbls	N/A	9-10 ppg	Drilling fluids or Water
T/O CMT	115 ft3	1.15 ft3/sk	15.8 ppg	100 sks Class G

***Depth: 1,150' MD Hole Size: 12 ¼" Mud weight: 8.7-10 ppg**

Production Casing (Excess 20%) - will be a 2 stage cement job to bring CMT back to surface and protect production interval and enhance cement isolation.

DV tool estimated depth to be at 3,300' but we will adjust depth accordingly to be able to place inflatable casing packer in a shale or a gauge section of the hole.

Stage #1 – from TD to DV tool depth:

Stage	Volume	Yield	Density	Description
Spacer	30 bbls	N/A	10 ppg	Weighted spacer
"Tail" Cement	92.7 bbls	1.27 ft3/sk	14.2 ppg	410 sksB4 Class G
Displacement	122 bbls	N/A	8.5 ppg	FW w/ 3% KCL substitute

Stage #2 – from DV tool depth to surface:

Stage	Volume	Yield	Density	Description
Spacer	30 bbls	N/A	10 ppg	Weighted spacer
"Tail" Cement	172.5 bbls	1.67 ft3/sk	13.0 ppg	580 sksB4 Class G
Displacement	73 bbls	N/A	8.5 ppg	FW w/ 3% KCL substitute
T/O CMT	115 ft3	1.15 ft3/sk	15.8 ppg	100 sks Class G

Depth: 5,000' MD Hole Size: 8-3/4" Mud weight: 10.5-11.5 ppg

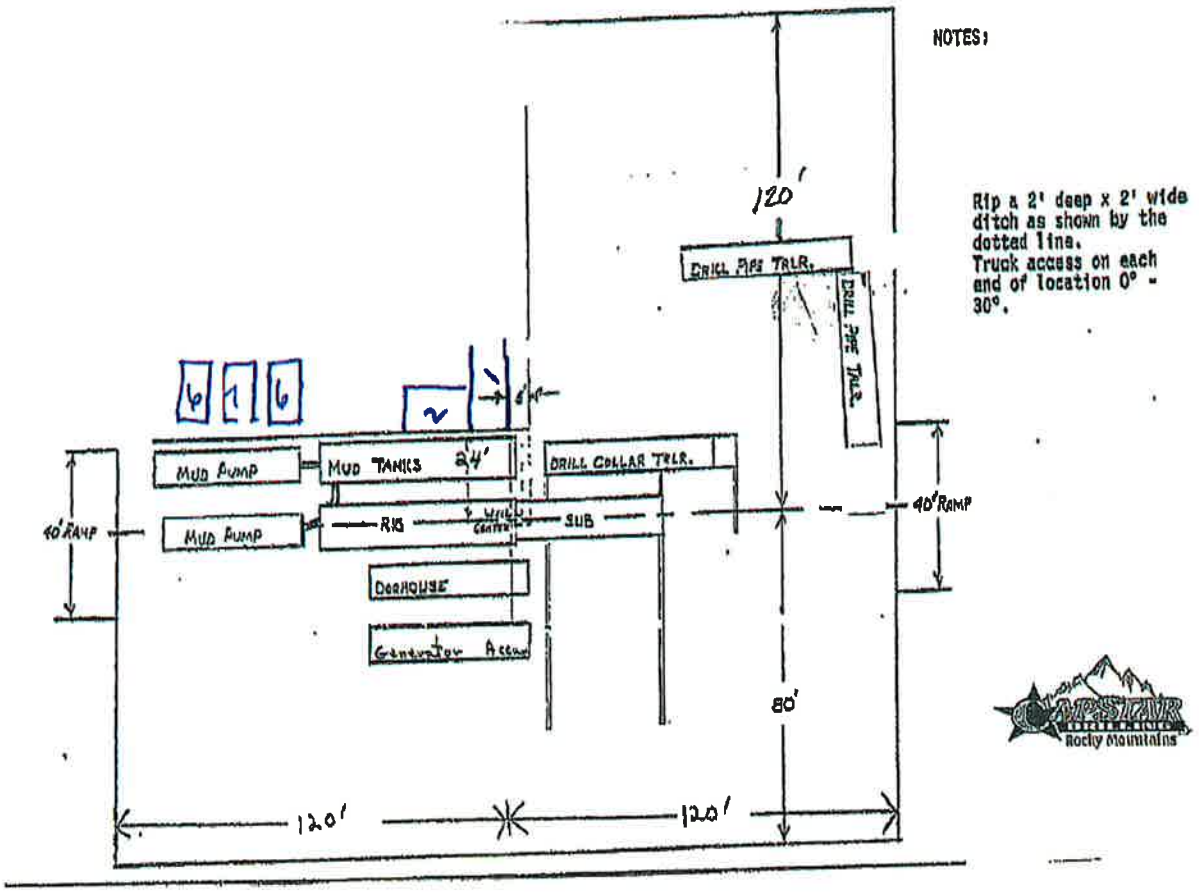
Rig Location Plat

See Capstar Rig #312 Location Diagram.

Rig Location Plat

1

LOCATION AND RIG LAYOUT FOR RIGS 11, 12, 14



Drill String Configuration/Directional Drilling plan

-See Native Navigation Directional drilling plan
-See Drill string configuration

BRAMMER

NATIVE NAVIGATION
DIRECTIONAL DRILLING SPECIALISTS

REFERENCE INFORMATION

Co-ordinate (N/E) Reference:	Well James 1-10, Grid North
Vertical (TVD) Reference:	RKB @ 11' @ 2161.50ft
Section (VS) Reference:	Slot - (0.00N, 0.00E)
Measured Depth Reference:	RKB @ 11' @ 2161.50ft
Calculation Method:	Minimum Curvature

Project: Payette County, ID
Site: James 1-10 Pad
Well: James 1-10
Wellbore: OWB
Design: Plan

Azimuths to Grid North
True North: 0.62°
Magnetic North: 14.10°
Magnetic Field
Strength: 51987.4snT
Dip Angle: 67.22°
Date: 7/28/2025
Model: HDGM

WELL DETAILS: James 1-10

Ground Level: 2150.50

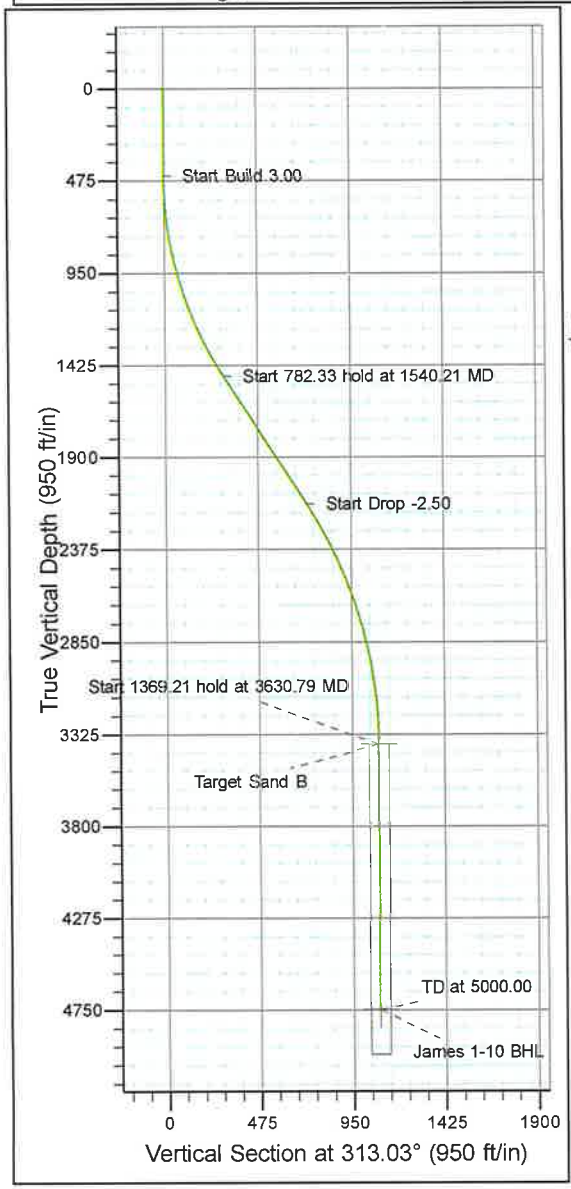
+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	S
0.00	0.00	870274.000	190284.000	44.048575	-116.9279898	

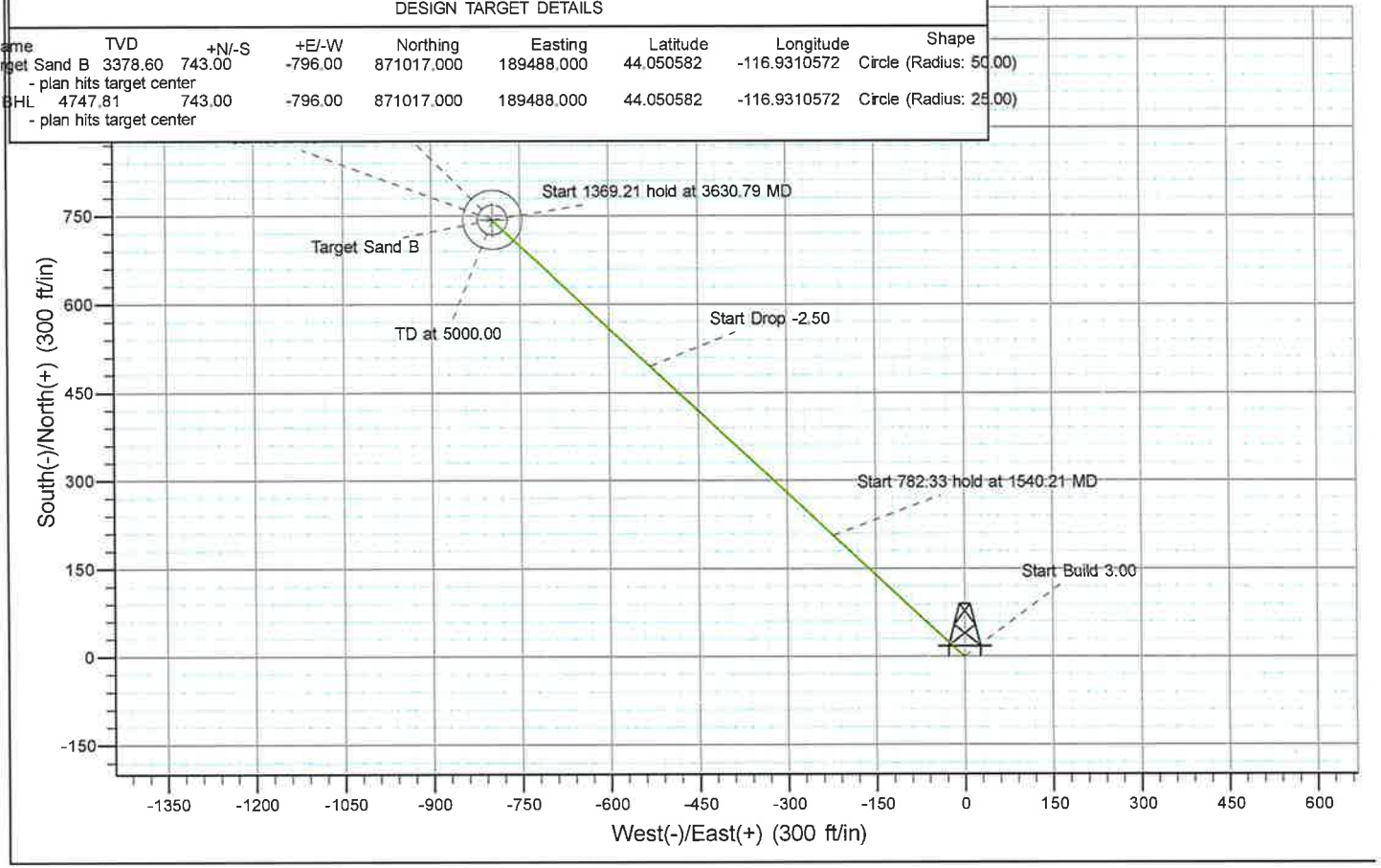
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	450.00	0.00	360.00	450.00	0.00	0.00	0.00	360.00	0.00
3	1540.21	32.71	313.03	1481.96	206.62	-221.36	3.00	313.03	302.80
4	2322.54	32.71	313.03	2140.25	495.06	-530.37	0.00	0.00	725.52
5	3630.79	0.00	360.00	3378.60	743.00	-796.00	2.50	180.00	1088.88
6	5000.00	0.00	360.00	4747.81	743.00	-796.00	0.00	360.00	1088.88

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Target Sand B - plan hits target center	3378.60	743.00	-796.00	871017.000	189488.000	44.050582	-116.9310572	Circle (Radius: 50.00)
BHL - plan hits target center	4747.81	743.00	-796.00	871017.000	189488.000	44.050582	-116.9310572	Circle (Radius: 25.00)





Types of Tools to be Used

BHA #1 Pendulum Drilling Assembly

- 12 ¼" Bit
- Bit sub w/ float
-(1) 8" Drill Collar (DC)
-12 ¼" Weld Blade Stabilizer (1/8" UG)
-(1) - 8" Drill Collar
-12 ¼" Weld Blade Stabilizer (1/8" UG)
-(3) - 6-1/4" Drill Collars
-X/O (if needed)
-(15) - 4-1/2" HWDP
-Drilling Jars
-(5) - 4-1/2" HWDP
-X/O to 4-1/2"" Drill Pipe (if needed)

BHA #2 Directional Drilling Assembly

-8 ¾" bit, with 6 ¾" or 7" directional motor assembly
-8-1/2" Spiral integral blade stabilizer
-6 ¾" non-mag drill collar (MWD)
-Gap Sub
-6 ¾" non-mag drill collar
-X/O (if needed)
-(3) 6-1/4" Drill Collars
-(15) - 4-1/2" Heavy weight drill pipe
-Drilling jar assembly
-(5) - 4-1/2" Heavy weight drill pipe
-4-1/2" 16.60 #/ft XH Drill pipe

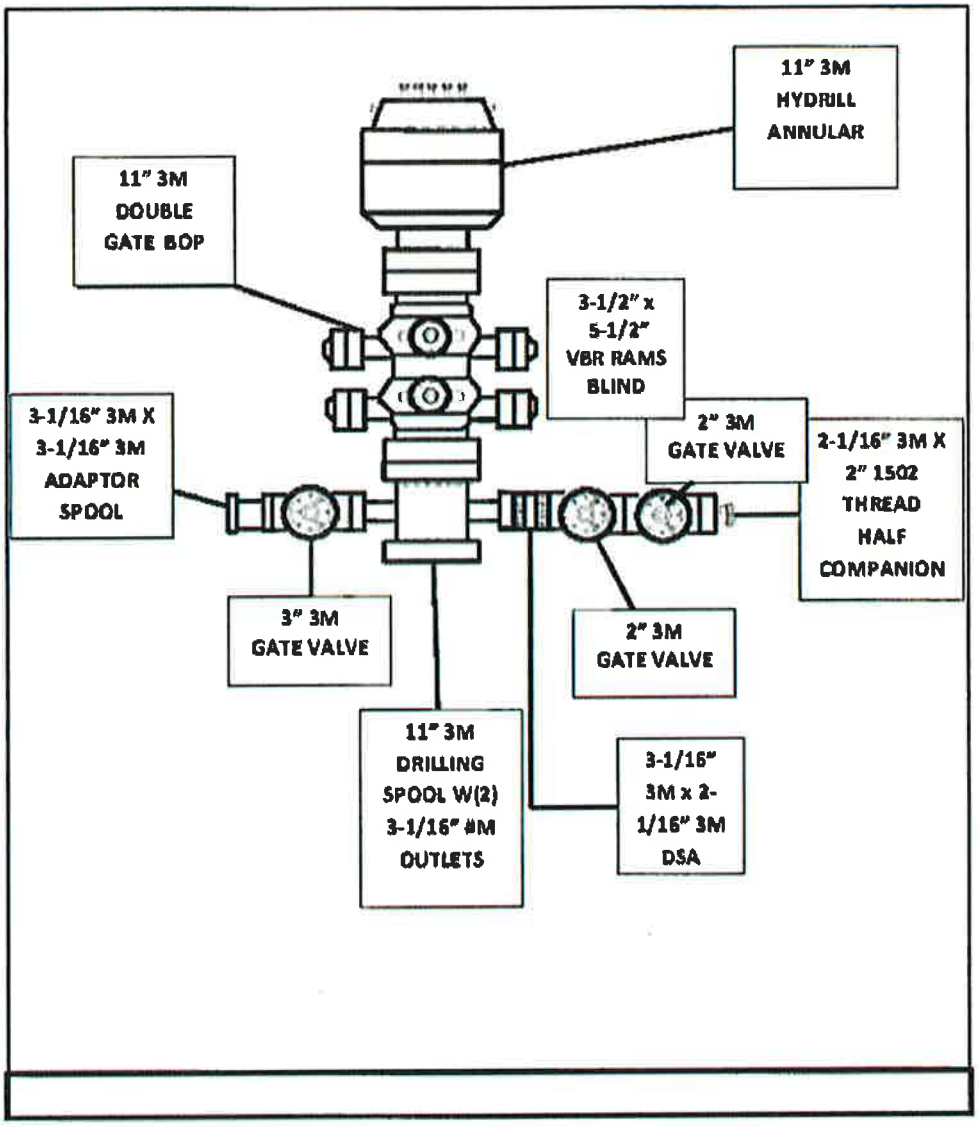
Both BHA's may be modified slightly as required to suit our needs.

Blowout Preventer (BOP) Schematic

Surface hole: 13-5/8" 5M Annular Preventer.

Production hole: 11" 3M double ram preventer and annular. Pressure control equipment to include Top Drive Sub, stand-by full opening drill string valve (TIW), stand-by drill string inside BOP (Gray).

See diagram


11" 3M
HYDRILL
ANNULAR
11" 3M
DOUBLE
GATE BOP
3-1/2" x
5-1/2"
VBR RAMS
BLIND
3-1/16" 3M X
3-1/16" 3M
ADAPTOR
SPOOL
2" 3M
GATE VALVE
2-1/16" 3M X
2" 1502
THREAD
HALF
COMPANION
3" 3M
GATE VALVE
2" 3M
GATE VALVE
11" 3M
DRILLING
SPOOL W(2)
3-1/16" #M
OUTLETS
3-1/16"
3M x 2-
1/16" 3M
DSA

BOP Diagram

Drilling Plan

Drilling Plan expected to include but not limited to:

1. Drill 20" hole to 120' with water well rig and run 16" casing, set same with cement back to surface.
2. Move in drilling rig.
3. Drill 12 ¼" hole with drilling rig to 1,150' and run 9 5/8" casing set same with cement back to surface.
4. Drill 8 ¾" hole to 5,000' and run open hole logs. If logs look good, run 5 ½" casing to TD and cement back to surface.
5. Move out drilling rig.

Logging Plan

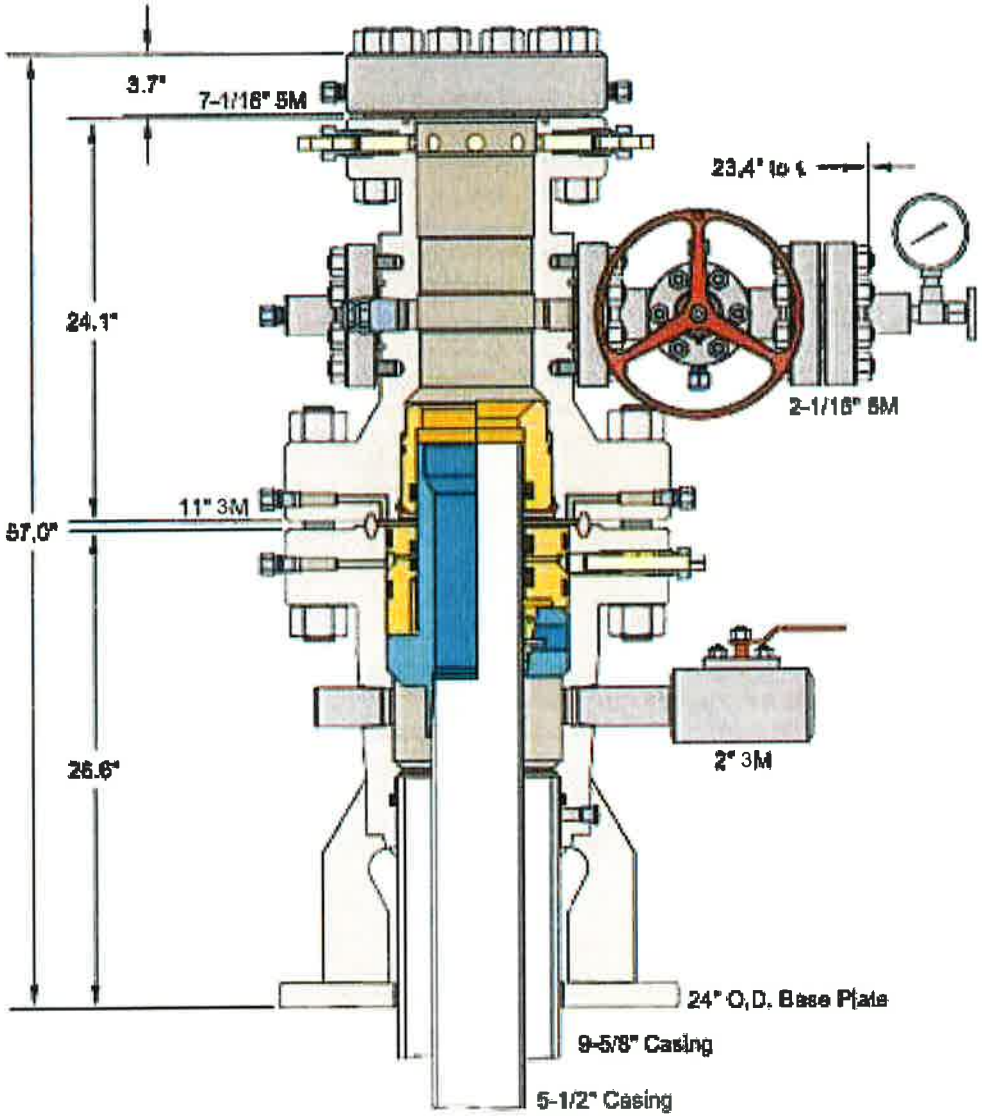
1. Mud loggers will collect and analyze the lithology of drill cuttings from below the conductor casing shoe to Total Depth of the well (+/- 120' to 5000' MD).
2. Open Hole Logging Program: 1150' to 5000' MD
3. Run 1: TD to surface casing shoe (5000' to +/- 1150' MD) Quad Combo – Induction, Gamma Ray, Sonic and Neutron/Density Porosity Tools.
4. Run 2: Optional – may run wireline SWC's or other diagnostic logs if warranted

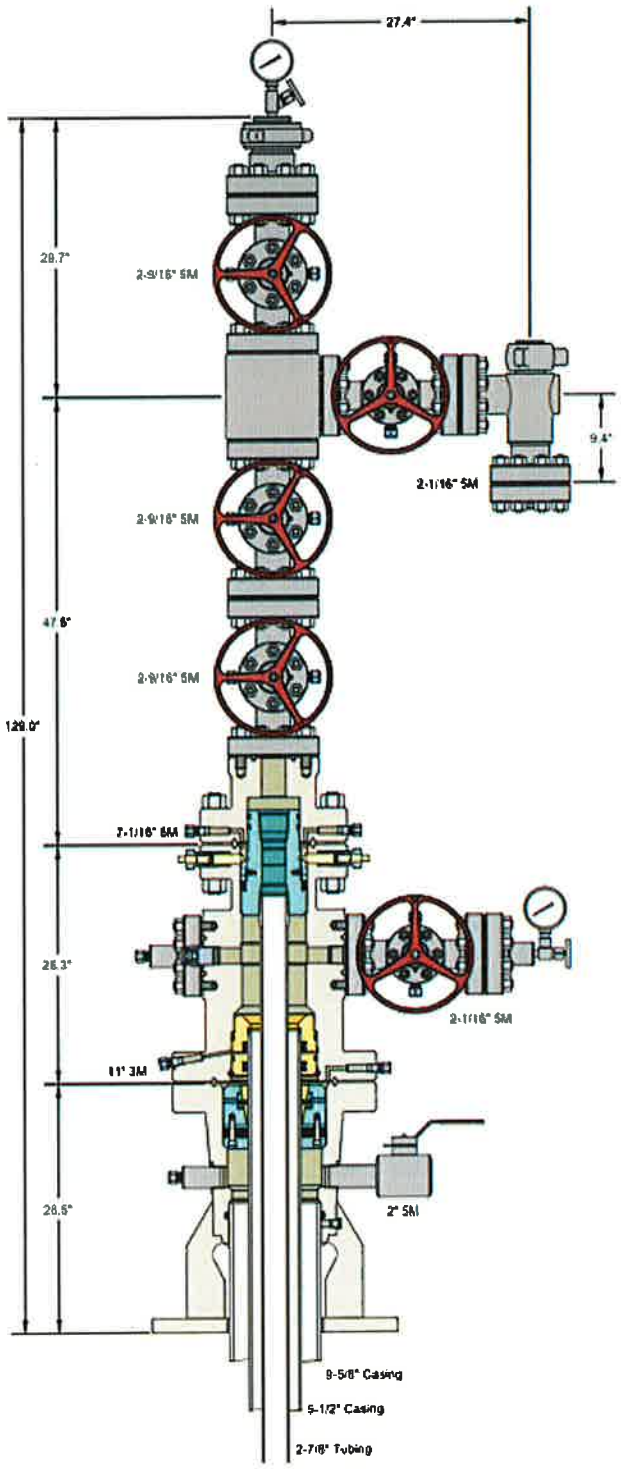
Wellhead

See surface Wellhead System Diagram.

See surface Wellhead system with Wellhead Assembly Diagram.

Surface Wellhead System



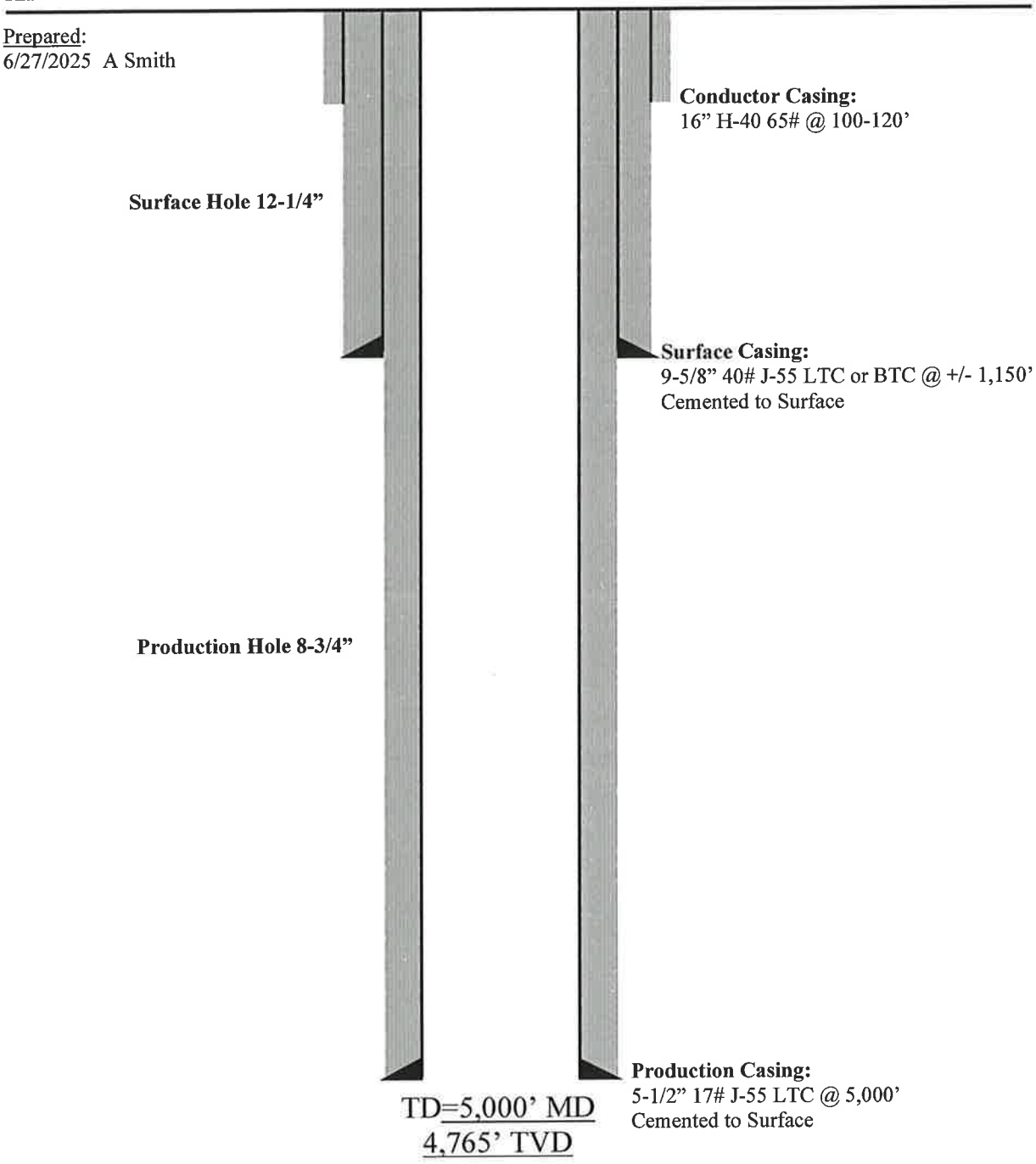

27.4"
28.7"
2-9/16" 5M
9.4"
2-1/16" 5M
2-9/16" 5M
47.6"
2-9/16" 5M
129.0"
7-1/16" 5M
28.3"
2-1/16" 5M
11" 3M
28.5"
2" 5M
9-5/8" Casing
5-1/2" Casing
2-7/8" Tubing

SNAKE RIVER OIL + GAS

Proposed Well Schematic
James 1-10
Sec 10 T8N – R5W
Payette County, ID

GLE 2150' est
RKB 2161' est

Prepared:
6/27/2025 A Smith



Reclamation

Reclamation will be conducted in accordance with IDAPA 20.07.02.310.16;.510. To achieve those requirements, Snake River Oil and Gas, LLC proposes to address reclamation through a multistep process which is outlined below. As provided for in IDAPA 20.07.02.510.08, Snake River Oil and Gas, LLC may enter into a Surface Use Agreement with the landowner the terms of which will ensure that the site is left in stable,
non-eroding condition as required.

1. Interim drill site clean-up: Debris and waste materials including, but not limited to, concrete, sack bentonite and other drilling mud additives, sand, plastic, pipe, and cable associated with the drilling, re-entry, or completion operations shall be removed and disposed of properly.
2. Re-establish slope stability, surface stability, and desired topographic diversity.
    a. Reconstruct the landscape to the approximate original contour unless otherwise provided for in the Surface Use Agreement.
    b. Maximize geomorphic stability and topographic diversity of the reclaimed topography.
    c. Eliminate high walls, cut slopes, and/or topographic depressions on site, unless otherwise approved.
    d. Minimize sheet and rill erosion on the reclaimed area. Eliminate mass wasting, head cutting, large rills or gullies, down cutting in drainages, or overall slope instability on the reclaimed area.
3. Maintain the integrity of the topsoil and subsoil (where appropriate and not otherwise dictated by the Surface Use Agreement).
    a. Identify salvaged topsoil and subsoil.
    b. Segregation of salvaged soils to protect those materials from erosion, degradation, and contamination.
    c. Incorporate stored soil material into the disturbed landscape to the extent practicable.
    d. Stockpiled soils to be stored beyond one growing season shall be stabilized with appropriate vegetation.
    e. Record location and approximate volumes of stockpiles.
4. Prepare site for revegetation upon completion of well activities – plugging/abandonment.
    a. Redistribute soil materials in a manner similar to the original vertical profile.
    b. Reduce compaction to an appropriate depth (generally below the root zone) prior to redistribution of topsoil, to accommodate appropriate site-specific plant species.
    c. Provide suitable conditions to support the long-term establishment and viability of the desired plant community.
    d. Protect seed and seedling establishment (e.g. erosion control matting, mulching, hydro-seeding, surface roughening, fencing, etc.) to be determined based upon site specific conditions.

5. Establish a desired self-perpetuating native plant community based upon region specific guidance available from NRCS.

a. Establish species composition, diversity, structure, and total ground cover appropriate for the desired plant community.

b. Select genetically appropriate and locally adapted native plant materials based on the site characteristic and setting

i. Seed mixtures shall be selected based on soil type, site conditions and intended final use.

ii. Seed shall not be used later than one year after the test date that appears on the label.

iii. The bags of seed shall be clearly labeled indicating test date, weed percentage or % Pure Live Seed (PLS), viability or germination percentage, and inert material.

c. Select non-native plants only as a short term and non-persistent alternative to native plant materials. Ensure the non-natives are designed to aid in the re-establishment of native plant communities. Revegetate in accordance with best practices described below:

i. Re-spread topsoil to a minimum depth of 4 inches.

ii. Prepare a friable but firm and weed free seedbed that is not compacted by prior construction work.

iii. Appropriate firmness can be estimated when a person leaves about a ¼ inch deep footprint.

iv. Remove rocks, twigs, concrete, foreign material and clods over 2 inches that can't be broken down.

v. Soil moisture content shall be at least 30% soil capacity (estimated). Do not seed into undesirable moisture conditions (e.g. "dust" or "mud").

d. Plant communities shall be evaluated annually for two years to ensure revegetation success as determined by IDAPA 20.07.02.510.07.

i. Repair and reseed areas that have erosion damage as necessary.

ii. If a stand has less than 70% ground cover after two years, re-evaluate the choice of plant materials, methods and available light and moisture. Re-establish the stand with modifications based the evaluation.

6. Reestablish initial visual composition.

a. Ensure the reclaimed landscape features conform to the prior conditions of the site.