



FILE NO: 83295  
 COMPANY: TRENDWELL ENERGY CORP  
 WELL: SMITH 1-10  
 FIELD: WILDCAT  
 COUNTY: CANYON  
 STATE: IDAHO

Ver. 3.87  
 LOCATION: SHL: 3300' FSL & 1820' FEL  
 SEC 10 TWP 5N RGE 4W

PERMANENT DATUM: GL ELEVATION 2437 FT  
 LOG MEASURED FROM: KB 12 FT ABOVE P.D.  
 DRILL. MEAS. FROM: KB  
 OTHER SERVICES: HDIL, ZDL-CN, MREX, COREGUN

ELEVATIONS: KB 2449 FT, DF, GL 2437 FT

DATE	24-MAR-2014	
RUN	TRIP	
SERVICE ORDER	US647718	
DEPTH DRILLER	4182 FT	
DEPTH LOGGER	4178 FT	
BOTTOM LOGGED INTERVAL	4178 FT	
TOP LOGGED INTERVAL	1020 FT	
CASING DRILLER	8.625 IN @ 1008 FT	
CASING LOGGER	1007 FT	
BIT SIZE	7.875 IN	
TYPE OF FLUID IN HOLE	WBM	
DENSITY	10.5 LB/G	50 S
PH	7.5	1.0 C3
SOURCE OF SAMPLE	FLOWLINE	
RM AT MEAS. TEMP.	1.67 OHMM	@ 68 DEGF
RMF AT MEAS. TEMP.	1.92 OHMM	@ 67.4 DEGF
RMC AT MEAS. TEMP.	1.31 OHMM	@ 68 DEGF
SOURCE OF RMI	RMC	MEASURED
RM AT BHT	0.69 OHMM	@ 175 DEGF
TIME SINCE CIRCULATION	9.0 HOURS	
MAX. RECORDED TEMP.	175 DEGF	
EQUIP. NO.	HL 6685	CASPER
RECORDED BY	KOCHMERCIMAKZENT	
WITNESSED BY	SANDTVEID/STEWART	

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE THE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

**REMARKS**

RUN 2 TRIP 2: GR-ORIT RUN IN COMBINATION

LAST CIRCULATED ON 24-MAR-14 @ 15:30  
 MAIN LOG OFF BOTTOM ON 25-MAR-14 @ 0:30

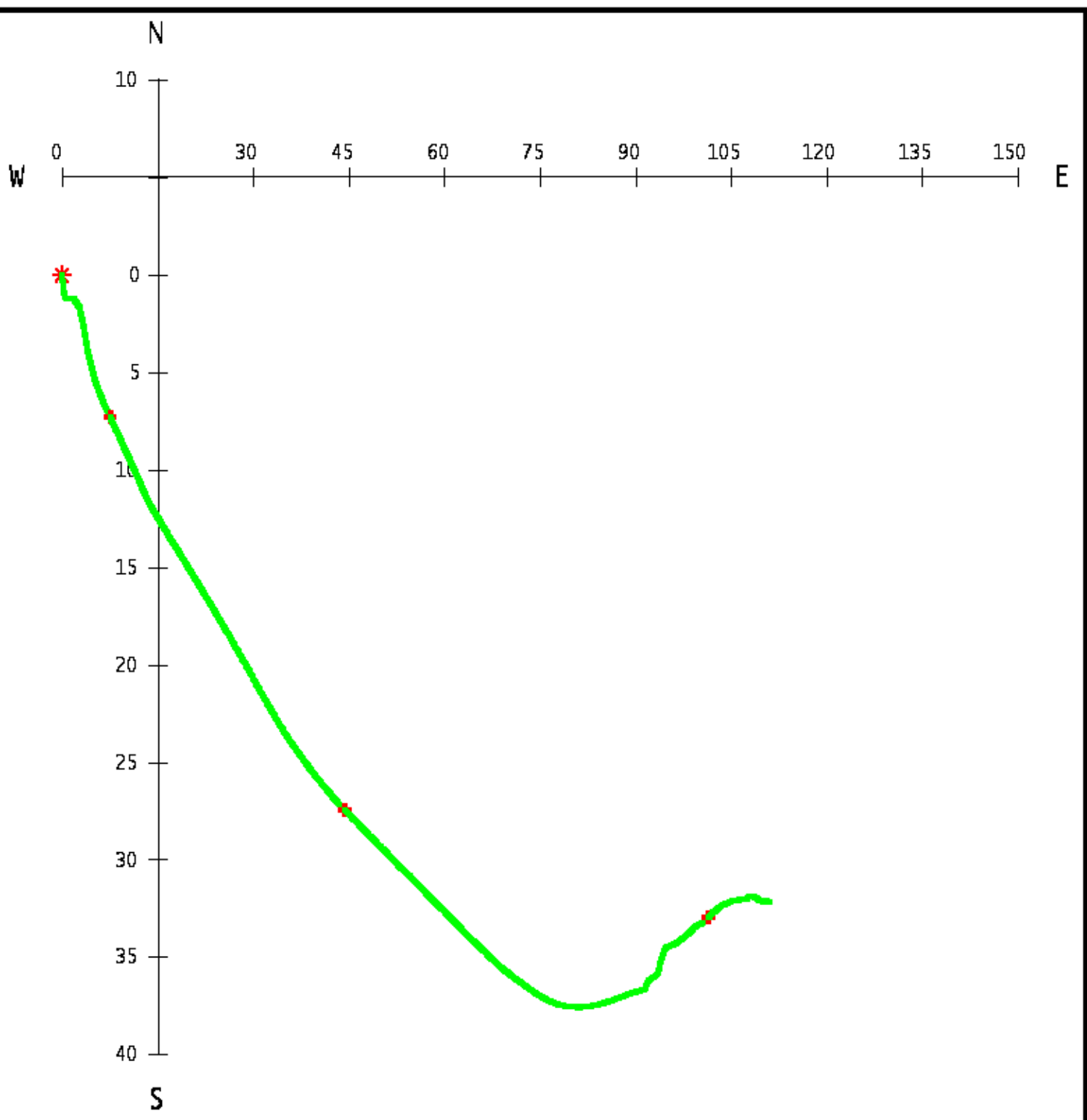
MAG DEC = 14.15 DEG AS SUPPLIED BY CUSTOMER

LAT: N 43 47' 14.09435"  
 LONG: W 116 48' 00.23737"



THANK YOU FOR CHOOSING BAKER HUGHES WIRELINE  
 RIG: PGD 7  
 CREW: J. MORTON

EQUIPMENT DATA						
RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION	
1	1	TTRM	3981XA	10107066	FREE	
1	1	WTS	3514XB	10308615	FREE	
1	1	SP	3966XA	10390275	FREE	

1	1	DSL	1329XA	153150	DECENTRALIZED
1	1	ORIT	4401XB	10372969	DECENTRALIZED



PLAN VIEW

 WELLBORE COURSE	FINAL EAST-WEST DRIFT	111.12 FT EAST
 MEASURED DEPTH TIE-IN	FINAL NORTH-SOUTH DRIFT	32.09 FT SOUTH

\*: WELLHEAD POSITION

FINAL DRIFT DISTANCE

115.67 FT

FINAL DRIFT DIRECTION

S 73.89 E

DRIFT UNITS

FEET

DEPTH UNITS

FEET

N90 E

S90 W

90

270

125

100

75

50

25

0

25

50

75

100

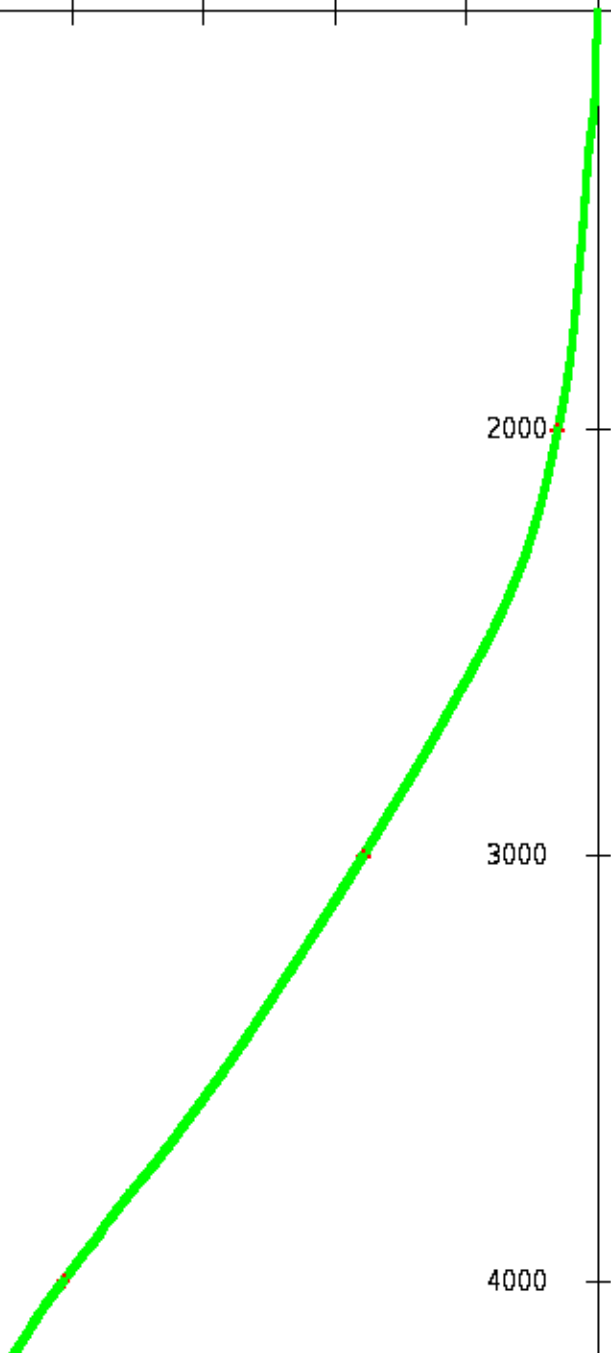
125






2000

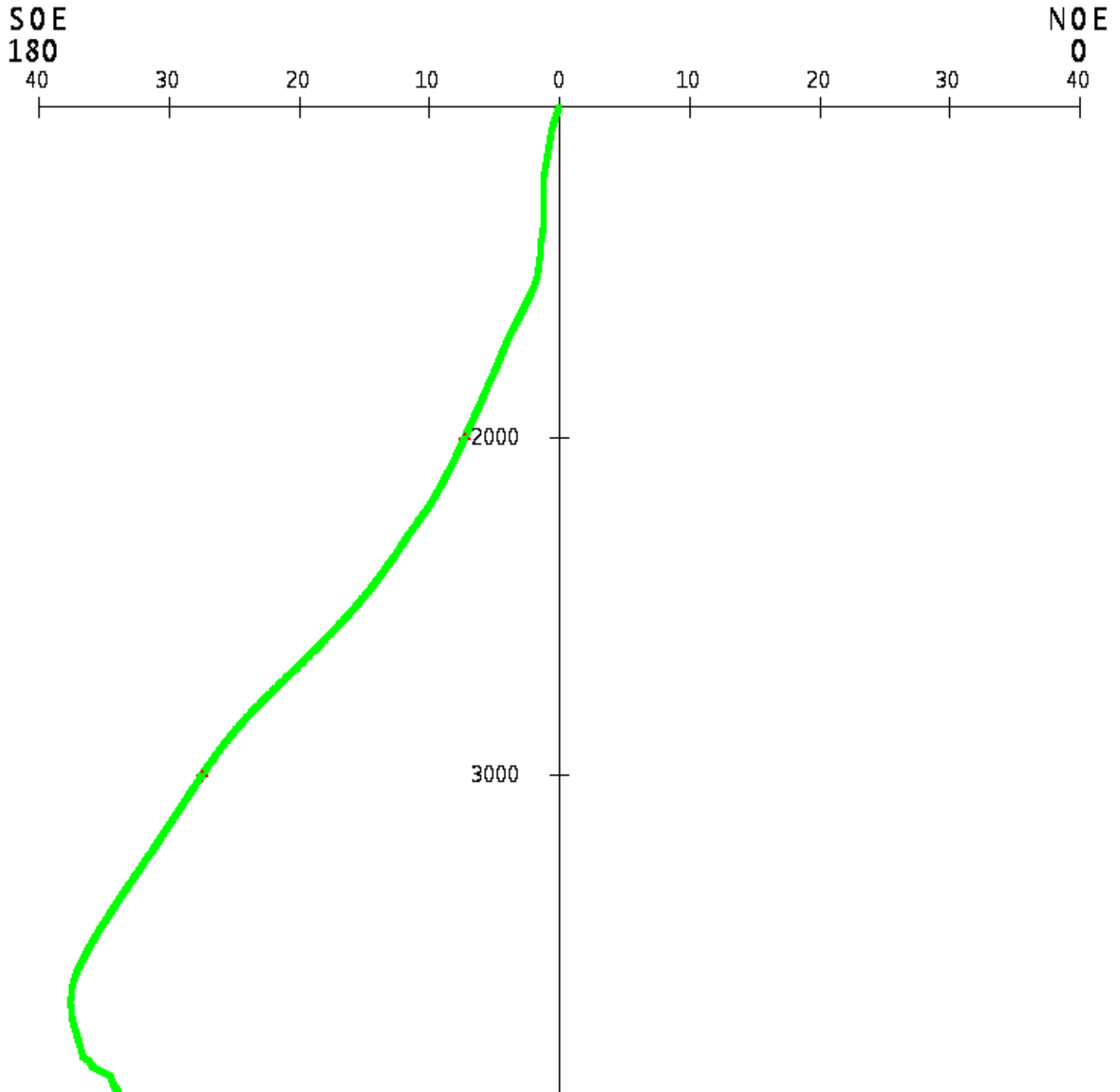
3000

4000



# SIDE VIEW FROM AZIMUTH 0

 : WELLBORE COURSE	MAX. DRIFT	N 90 E	111.12 FT
 : MEASURED DEPTH TIE-IN	MAX. DRIFT	S 90 W	0.00 FT
 : WELLHEAD POSITION	BOTTOM TVD THIS INTERVAL		4174.90 FT
	DRIFT UNITS		FEET
	DEPTH UNITS		FEET

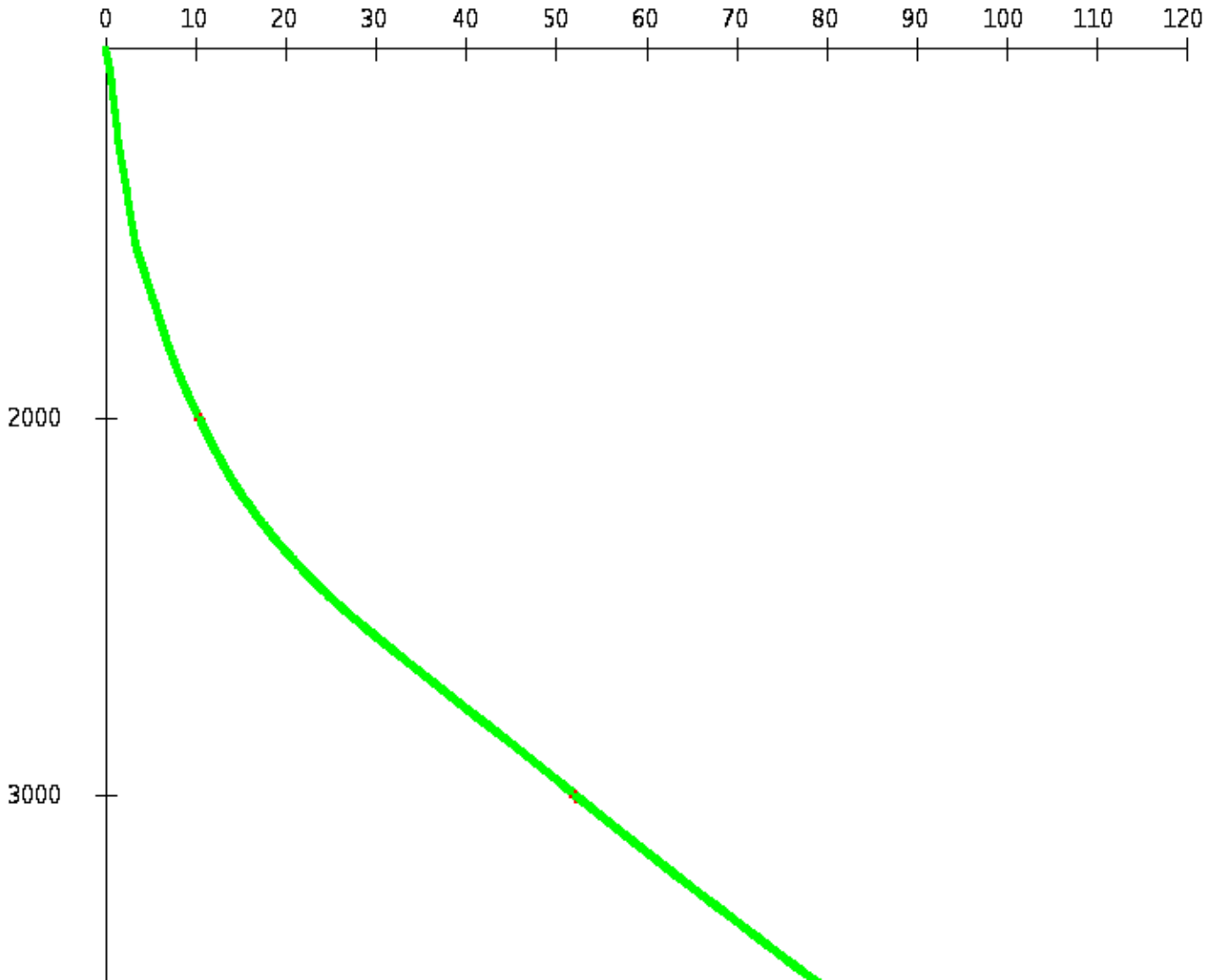


4000






### SIDE VIEW FROM AZIMUTH 90

: WELLBORE COURSE	MAX. DRIFT	S O E	37.50 FT
: MEASURED DEPTH TIE-IN	MAX. DRIFT	N O E	0.00 FT
: WELLHEAD POSITION	BOTTOM TVD THIS INTERVAL		4174.90 FT
	DRIFT UNITS		FEET
	DEPTH UNITS		FEET



4000

### DEPTH VS. DRIFT

 : WELLBORE COURSE	MAX. DRIFT FROM WELLHEAD	115.67 FT
 : MEASURED DEPTH TIE-IN	BOTTOM TVD THIS INTERVAL	4174.90 FT
 : WELLHEAD POSITION	DRIFT UNITS	FEET
	DEPTH UNITS	FEET

TRENDWELL WEST, INC  
SMITH 1-10

DEPTH	DEVIATION ANGLE AZIMUTH		T.V.D.	DRIIFT COORDINATES			
				STATION		TOTAL	
				N-S	E-W	N-S	E-W
1020.00	0.5	166.5	1020.00	0.00N	0.00E	0.00N	0.00E
1070.00	0.5	159.0	1070.00	0.44S	0.15E	0.44S	0.15E
1120.00	0.2	169.1	1120.00	0.27S	0.09E	0.71S	0.24E
1170.00	0.4	139.7	1170.00	0.20S	0.10E	0.91S	0.34E
1220.00	0.3	125.1	1220.00	0.22S	0.16E	1.13S	0.50E
1270.00	0.5	90.2	1269.99	0.04S	0.37E	1.17S	0.87E
1320.00	0.6	94.7	1319.99	0.01N	0.53E	1.15S	1.40E
1370.00	0.3	104.6	1369.99	0.02S	0.44E	1.18S	1.84E
1420.00	0.4	106.5	1419.99	0.18S	0.28E	1.36S	2.12E
1470.00	0.4	118.9	1469.99	0.11S	0.32E	1.47S	2.44E
1520.00	0.4	144.3	1519.99	0.18S	0.31E	1.65S	2.75E
1570.00	0.8	139.2	1569.98	0.50S	0.34E	2.15S	3.09E
1620.00	0.8	155.1	1619.98	0.62S	0.39E	2.78S	3.48E
1670.00	0.8	153.4	1669.97	0.66S	0.32E	3.44S	3.80E
1720.00	0.8	145.6	1719.97	0.62S	0.36E	4.06S	4.16E
1770.00	0.8	141.6	1769.96	0.53S	0.41E	4.59S	4.57E
1820.00	1.0	142.4	1819.96	0.57S	0.46E	5.16S	5.03E
1870.00	1.0	132.4	1869.95	0.57S	0.56E	5.73S	5.58E
1920.00	1.0	133.9	1919.94	0.57S	0.68E	6.31S	6.26E
1970.00	1.1	125.0	1969.93	0.59S	0.79E	6.90S	7.04E
2020.00	1.2	126.5	2019.92	0.59S	0.84E	7.49S	7.88E
2070.00	1.2	124.6	2069.91	0.61S	0.86E	8.09S	8.75E
2120.00	1.4	124.5	2119.90	0.68S	0.92E	8.78S	9.66E
2170.00	1.5	126.9	2169.88	0.70S	1.03E	9.48S	10.69E
2220.00	1.7	125.9	2219.86	0.83S	1.13E	10.31S	11.82E
2270.00	1.8	127.8	2269.84	0.93S	1.24E	11.23S	13.07E
2320.00	2.1	117.9	2319.81	0.89S	1.44E	12.12S	14.50E
2370.00	2.2	119.2	2369.77	0.90S	1.67E	13.02S	16.17E
2420.00	2.4	117.9	2419.73	0.92S	1.75E	13.94S	17.92E
2470.00	2.6	118.1	2469.69	1.03S	1.92E	14.97S	19.84E
2520.00	2.8	117.7	2519.63	1.11S	2.08E	16.09S	21.92E
2570.00	3.0	118.7	2569.57	1.21S	2.22E	17.30S	24.14E
2620.00	3.0	120.5	2619.50	1.25S	2.28E	18.55S	26.42E
2670.00	3.1	118.7	2669.43	1.31S	2.26E	19.85S	28.68E
2720.00	3.0	120.6	2719.36	1.36S	2.27E	21.21S	30.96E
2770.00	3.1	120.0	2769.29	1.30S	2.30E	22.51S	33.26E
2820.00	3.1	116.6	2819.22	1.27S	2.39E	23.78S	35.64E
2870.00	3.1	114.4	2869.14	1.14S	2.47E	24.92S	38.11E
2920.00	3.1	111.8	2919.07	1.03S	2.46E	25.96S	40.57E
2970.00	2.9	110.0	2969.00	0.94S	2.44E	26.90S	43.01E

TRENDWELL WEST, INC  
SMITH 1-10

DEPTH	DEVIATION ANGLE AZIMUTH		T.V.D.	DRIIFT COORDINATES			
				STATION		TOTAL	
				N-S	E-W	N-S	E-W
3020.00	3.0	108.4	3018.94	0.86S	2.48E	27.76S	45.48E
3070.00	3.1	109.1	3068.86	0.85S	2.51E	28.61S	48.00E
3120.00	3.1	108.6	3118.79	0.85S	2.56E	29.46S	50.56E
3170.00	3.1	108.6	3168.72	0.86S	2.55E	30.32S	53.11E
3220.00	3.1	108.5	3218.65	0.83S	2.59E	31.16S	55.70E
3270.00	3.3	106.9	3268.57	0.89S	2.64E	32.05S	58.33E
3320.00	3.1	109.8	3318.49	0.88S	2.64E	32.93S	60.97E
3370.00	3.1	107.8	3368.41	0.88S	2.63E	33.81S	63.60E
3420.00	3.3	107.7	3418.34	0.83S	2.66E	34.64S	66.26E
3470.00	3.3	105.3	3468.26	0.82S	2.70E	35.46S	68.97E
3520.00	3.5	103.8	3518.17	0.73S	2.87E	36.20S	71.83E
3570.00	3.4	101.8	3568.08	0.67S	2.93E	36.86S	74.76E
3620.00	3.4	96.0	3617.99	0.48S	2.95E	37.34S	77.71E
3670.00	3.4	90.6	3667.90	0.16S	3.00E	37.50S	80.71E
3720.00	3.7	85.6	3717.80	0.11N	3.12E	37.39S	83.83E
3770.00	3.8	83.0	3767.69	0.34N	3.33E	37.05S	87.16E
3820.00	3.7	85.0	3817.58	0.37N	3.29E	36.68S	90.46E
3870.00	4.0	42.0	3867.46	1.01N	3.19E	35.67S	93.64E
3920.00	3.9	79.6	3917.34	1.46N	2.82E	34.21S	96.47E
3970.00	3.6	77.1	3967.23	0.90N	3.17E	33.31S	99.64E
4020.00	3.6	76.5	4017.13	0.81N	3.06E	32.51S	102.70E
4070.00	3.2	87.2	4067.04	0.48N	2.91E	32.03S	105.61E
4120.00	3.0	91.6	4116.98	0.18N	2.52E	31.85S	108.13E
4170.00	3.0	103.1	4166.91	0.23S	2.59E	32.08S	110.72E

4178.00 3.0 73.0 4174.90 0.01S 0.41E 32.09S 111.12E

THE FIRST POINT INFORMATION:

1020.00 0.5 166.5 1020.00 0.00N 0.00E 0.00N 0.00E

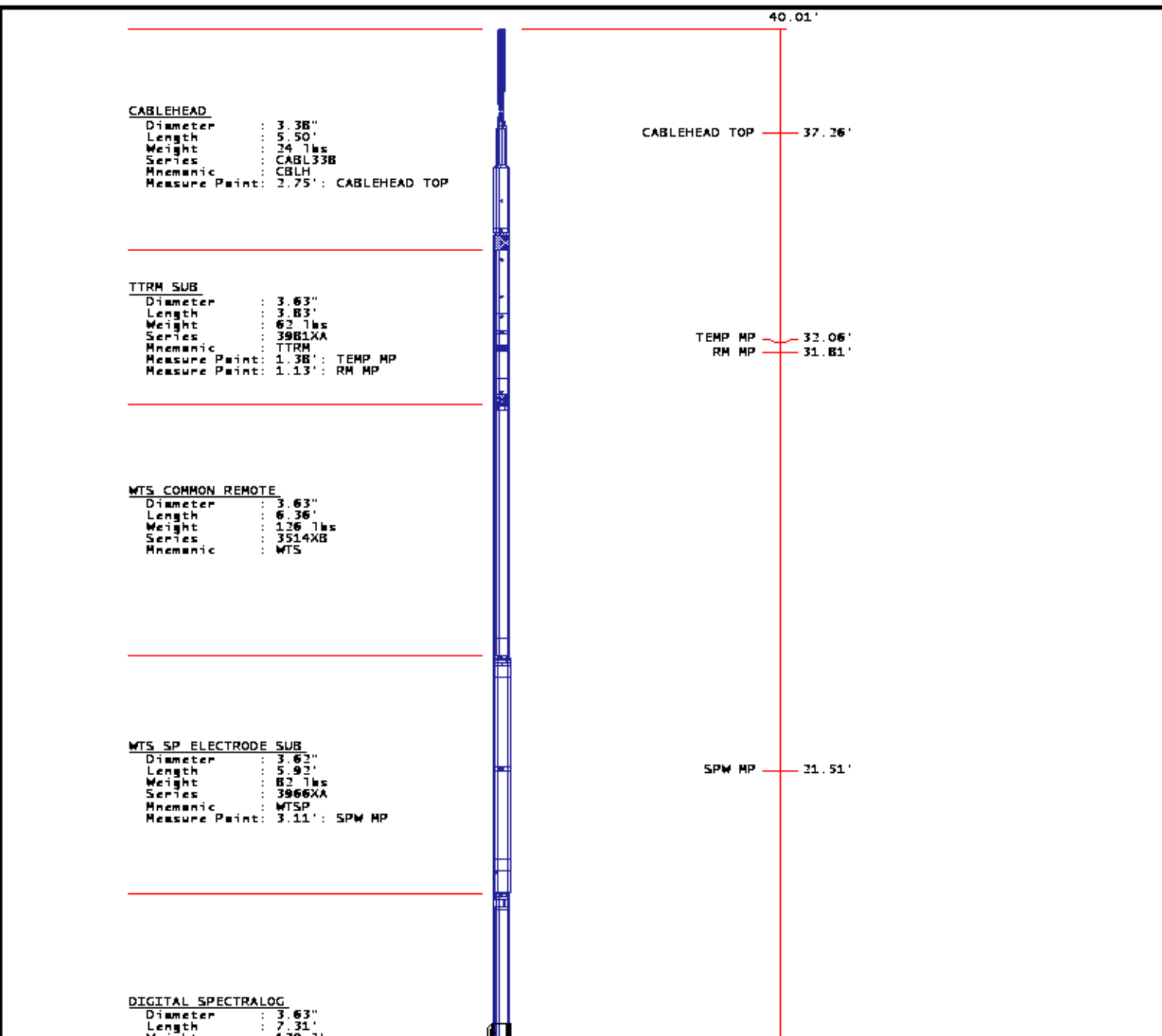
THE LAST POINT INFORMATION:

4178.00 3.0 73.0 4174.90 0.01S 0.41E 32.09S 111.12E

FINAL EAST-WEST DRIFT = 111.12 E  
FINAL NORTH-SOUTH DRIFT = 32.09 S  
FINAL DRIFT DISTANCE = 115.67 FT  
FINAL DRIFT DIRECTION = S 73.89 E

### INSTRUMENT CONFIGURATION

Source File: /dat1a/B3295/RUN2-tdg





Weight : 130 lbs  
 Series : 1329XA  
 Mnemonic : DSL  
 Measure Point: 1.60': GR MP



GR MP 12.69'

**DIGITAL ORIENTATION**

Diameter : 3.38"  
 Length : 10.81'  
 Weight : 110 lbs  
 Series : 4401XB  
 Mnemonic : ORIT  
 Measure Point: 0.00': ORIENT MP

**BULL PLUG 3 3/8**

ORIENT MP 0.00'

TOTAL LENGTH: 40.01'  
 TOTAL WEIGHT: 551 lbs  
 MAX DIAMETER: 0'4.00"



COMPANY TRENDWELL ENERGY CORP  
 WELL SMITH 1-10  
 FIELD WILDCAT  
 COUNTY CANYON STATE IDAHO

FILE NO:  
83295  
 API NO:  
11-027-20003

LOCATION:  
 SHL: 3300' FSL & 1820' FEL  
 SEC 10 TWP 5N RGE 4W

ELEVATIONS:  
 KB 2449 FT  
 DF  
 GL 2437 FT  
 DATE 24-MAR-2014