

Company Name: SandRidge Energy
SU 0680 6-4H
Jackson County, Colorado
Rig:
Created By: Shane Robbins
Date: 6/5/2018

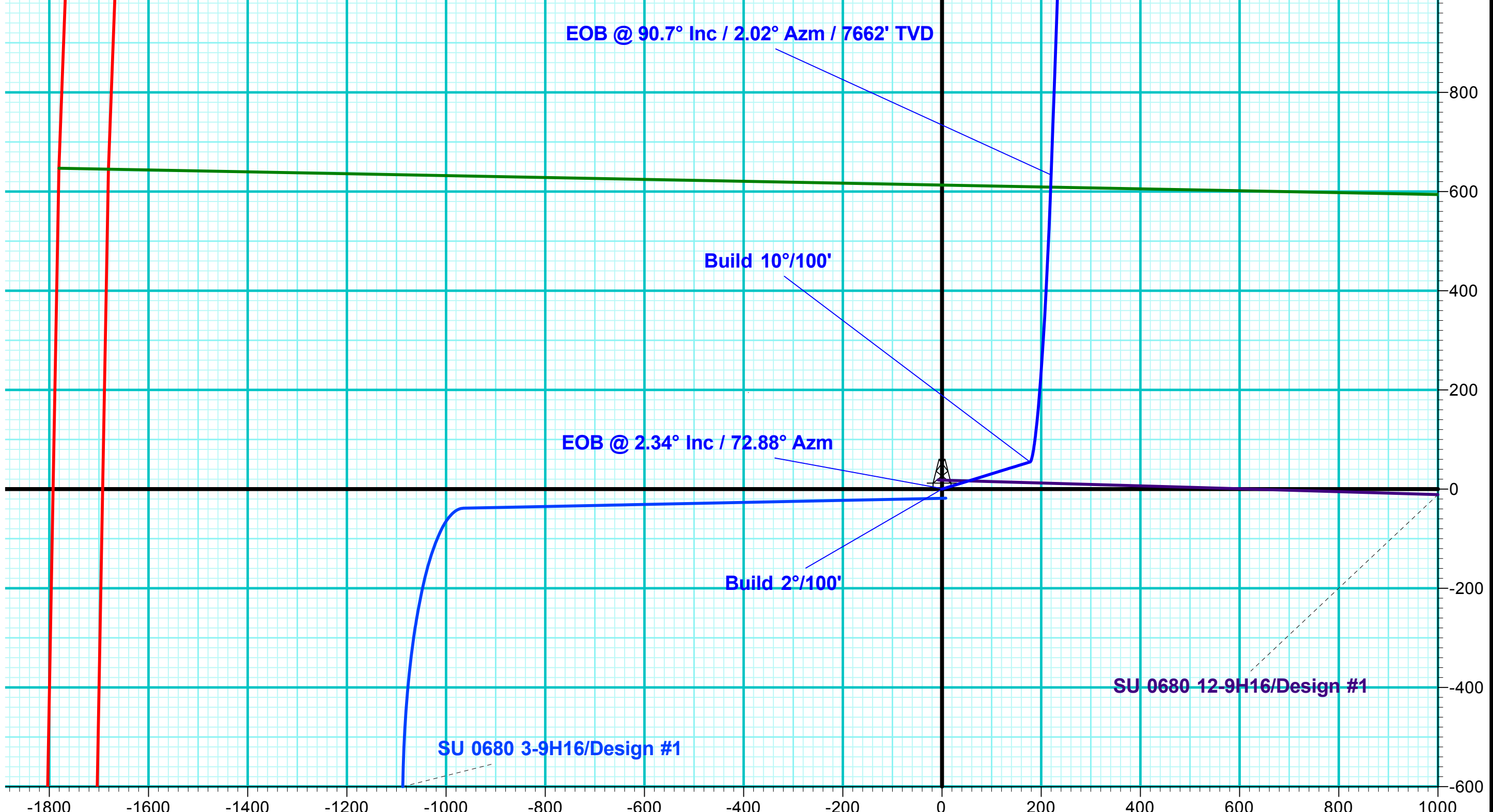
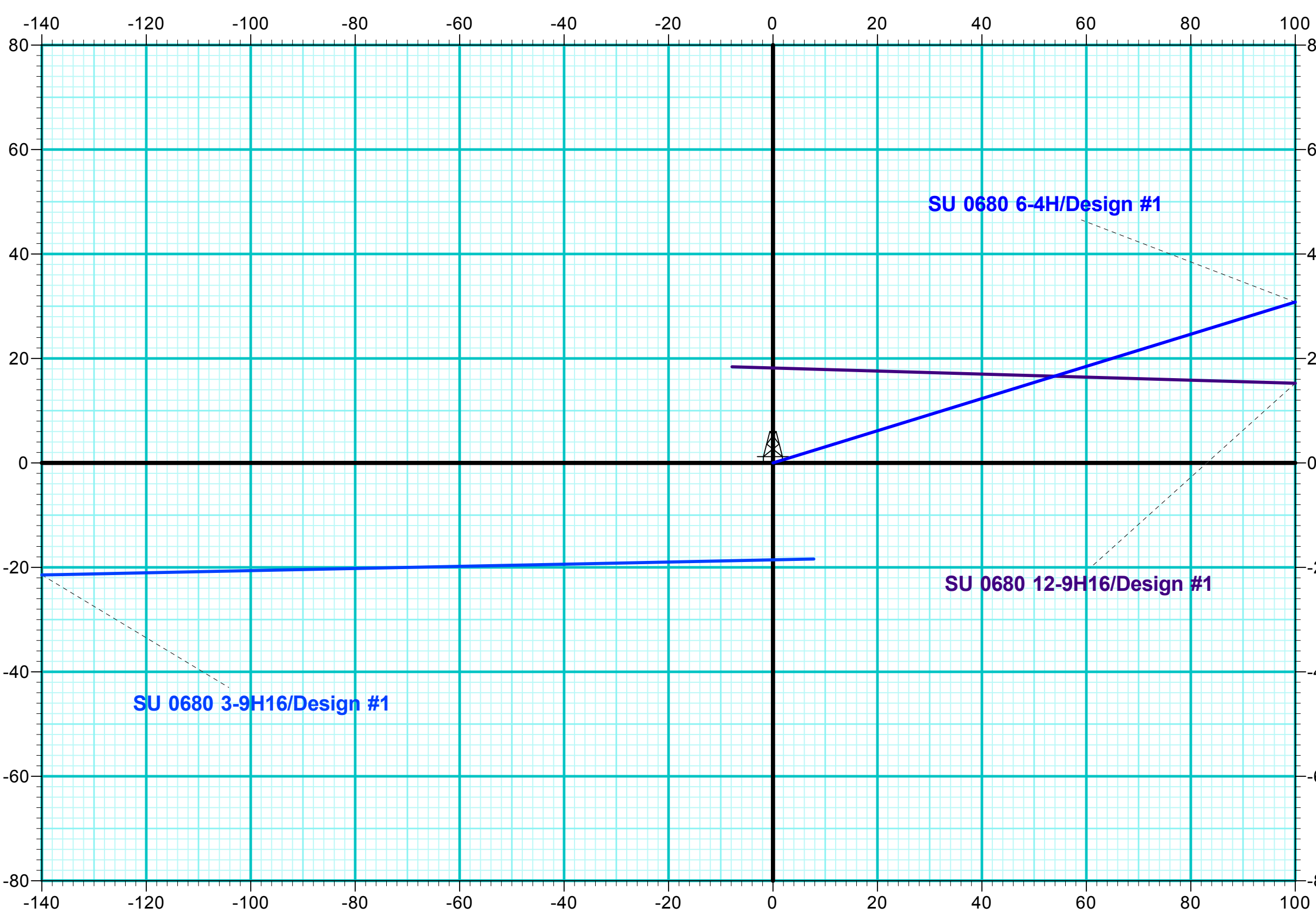
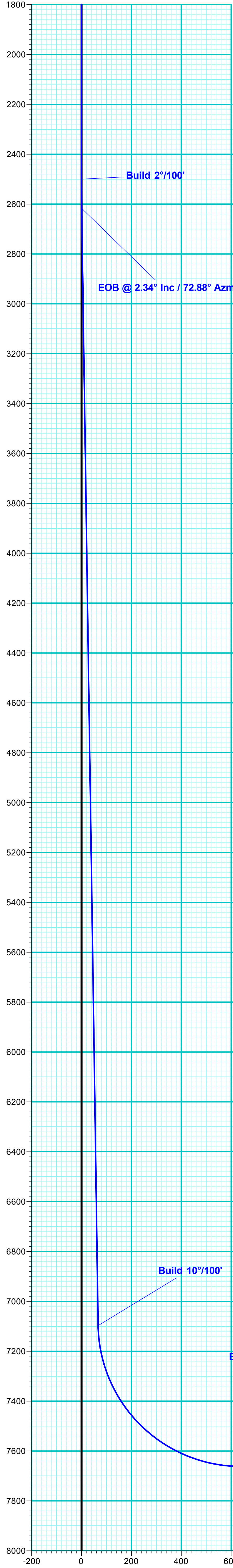
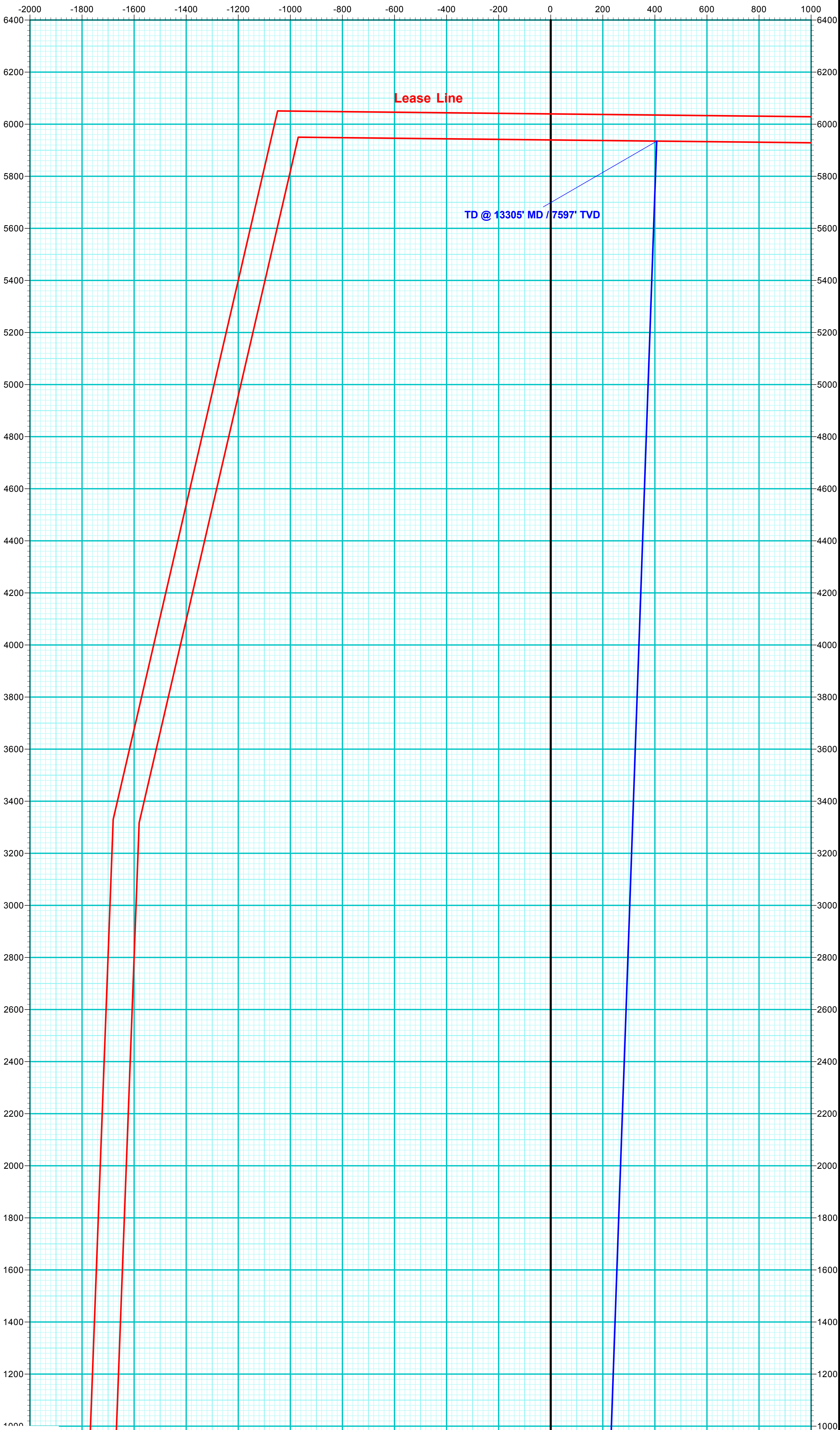
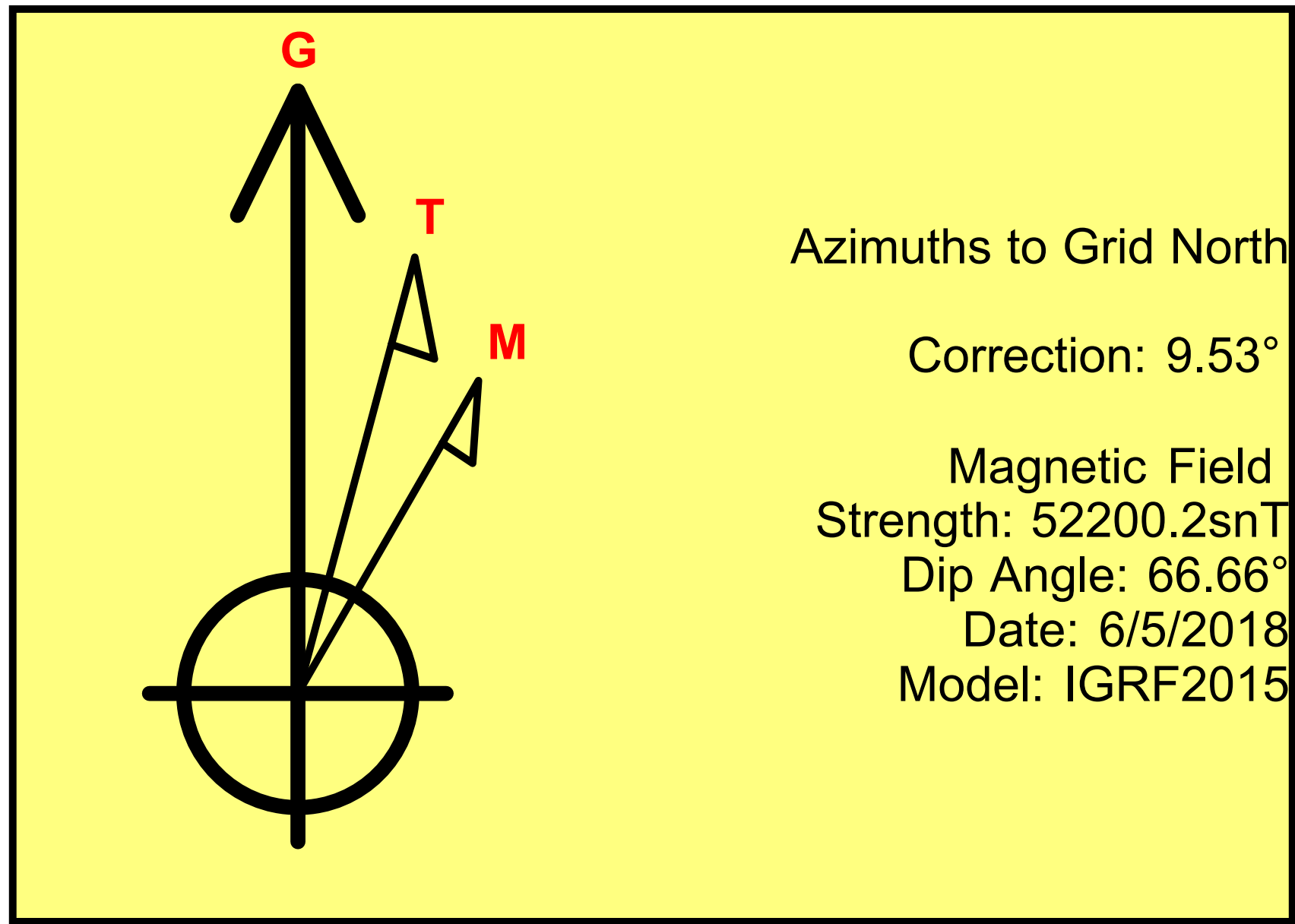
SU 0680 6-4H
Jackson County, Colorado
Q180*** & RM-180***
Design #1

SandRidge Energy



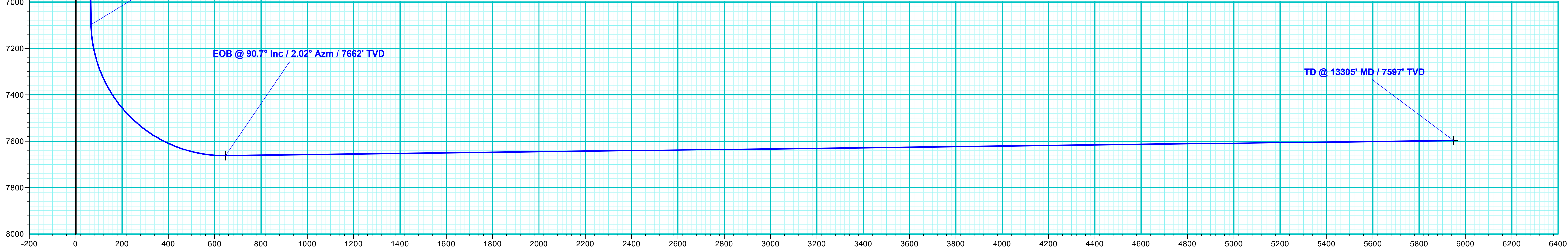
WELL DETAILS: SU 0680 6-4H						
			8264.0			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.0	0.0	1429869.80	2754181.17	40° 30' 36.107 N	106° 23' 2.650 W	

PROJECT DETAILS: Jackson County, Colorado	
Geodetic System: US State Plane 1983	
Datum: North American Datum 1983	
Ellipsoid: GRS 1980	
Zone: Colorado Northern Zone	
System Datum: Mean Sea Level	



DESIGN TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
PBHL 6-4H - plan hits target center	7597.0	5934.7	407.2	1435804.49	2754588.33	40° 31' 34.790 N	106° 22' 58.144 W	
LP 6-4H - plan hits target center	7662.0	633.5	220.2	1430503.27	2754401.34	40° 30' 42.388 N	106° 22' 59.882 W	

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation	
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	Build 2°/100°	
2	2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	EOB @ 2.34° Inc / 72.88° Azm	
3	2617.2	2.34	72.88	2617.2	0.7	2.3	2.00	72.88	0.9	Build 10°/100°	
4	7101.0	2.34	72.88	7097.2	54.7	177.6	0.00	0.00	66.7	EOB @ 90.7° Inc / 2.02° Azm / 7662' TVD	
5	8000.3	90.70	2.02	7662.0	633.5	220.2	10.00	-70.85	647.1	LP 6-4H	
6	13305.2	90.70	2.02	7597.0	5934.7	407.2	0.00	0.00	5948.6	PBHL 6-4H	



Vertical Section at 3.92° (200 usf/in)

SandRidge Energy

**Jackson County, Colorado
Sec 9, T6N, R80W, 6th PM
SU 0680 6-4H**

Wellbore #1

Plan: Design #1

QES Well Planning Report

19 July, 2018



Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well SU 0680 6-4H
Company:	SandRidge Energy	TVD Reference:	WELL @ 8289.0usft
Project:	Jackson County, Colorado	MD Reference:	WELL @ 8289.0usft
Site:	Sec 9, T6N, R80W, 6th PM	North Reference:	Grid
Well:	SU 0680 6-4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Jackson County, Colorado		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site	Sec 9, T6N, R80W, 6th PM		
Site Position:		Northing:	1,429,883.61 usft
From:	Map	Easting:	2,754,175.30 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 30' 36.243 N
		Longitude:	106° 23' 2.728 W
		Grid Convergence:	-0.57 °

Well	SU 0680 6-4H		
Well Position	+N/-S	-13.8 usft	Northing:
	+E/-W	5.9 usft	Easting:
Position Uncertainty	0.0 usft		Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	6/5/2018	8.96	66.66	52,200.19051499

Design	Design #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	3.92

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,617.2	2.34	72.88	2,617.2	0.7	2.3	2.00	2.00	0.00	72.88	
7,101.0	2.34	72.88	7,097.2	54.7	177.6	0.00	0.00	0.00	0.00	
8,000.3	90.70	2.02	7,662.0	633.5	220.2	10.00	9.82	-7.88	-70.85	LP 6-4H
13,305.2	90.70	2.02	7,597.0	5,934.7	407.2	0.00	0.00	0.00	0.00	PBHL 6-4H

Well Planning Report



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Project:	Jackson County, Colorado	MD Reference:	WELL @ 8289.0usft
Site:	Sec 9, T6N, R80W, 6th PM	North Reference:	Grid
Well:	SU 0680 6-4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned 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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
Build 2°/100'									
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	2.00	72.88	2,600.0	0.5	1.7	0.6	2.00	2.00	0.00
EOB @ 2.34° Inc / 72.88° Azm									
2,617.2	2.34	72.88	2,617.2	0.7	2.3	0.9	2.00	2.00	0.00
2,700.0	2.34	72.88	2,699.9	1.7	5.5	2.1	0.00	0.00	0.00
2,800.0	2.34	72.88	2,799.8	2.9	9.4	3.5	0.00	0.00	0.00
2,900.0	2.34	72.88	2,899.7	4.1	13.3	5.0	0.00	0.00	0.00
3,000.0	2.34	72.88	2,999.6	5.3	17.3	6.5	0.00	0.00	0.00
3,100.0	2.34	72.88	3,099.6	6.5	21.2	8.0	0.00	0.00	0.00
3,200.0	2.34	72.88	3,199.5	7.7	25.1	9.4	0.00	0.00	0.00
3,300.0	2.34	72.88	3,299.4	8.9	29.0	10.9	0.00	0.00	0.00
3,400.0	2.34	72.88	3,399.3	10.1	32.9	12.4	0.00	0.00	0.00
3,500.0	2.34	72.88	3,499.2	11.3	36.8	13.8	0.00	0.00	0.00
3,600.0	2.34	72.88	3,599.1	12.5	40.7	15.3	0.00	0.00	0.00
3,700.0	2.34	72.88	3,699.1	13.7	44.6	16.8	0.00	0.00	0.00
3,800.0	2.34	72.88	3,799.0	15.0	48.5	18.2	0.00	0.00	0.00
3,900.0	2.34	72.88	3,898.9	16.2	52.5	19.7	0.00	0.00	0.00
4,000.0	2.34	72.88	3,998.8	17.4	56.4	21.2	0.00	0.00	0.00
4,100.0	2.34	72.88	4,098.7	18.6	60.3	22.6	0.00	0.00	0.00
4,200.0	2.34	72.88	4,198.6	19.8	64.2	24.1	0.00	0.00	0.00
4,300.0	2.34	72.88	4,298.6	21.0	68.1	25.6	0.00	0.00	0.00
4,400.0	2.34	72.88	4,398.5	22.2	72.0	27.1	0.00	0.00	0.00
4,500.0	2.34	72.88	4,498.4	23.4	75.9	28.5	0.00	0.00	0.00
4,600.0	2.34	72.88	4,598.3	24.6	79.8	30.0	0.00	0.00	0.00
4,700.0	2.34	72.88	4,698.2	25.8	83.7	31.5	0.00	0.00	0.00
4,800.0	2.34	72.88	4,798.1	27.0	87.6	32.9	0.00	0.00	0.00
4,900.0	2.34	72.88	4,898.1	28.2	91.6	34.4	0.00	0.00	0.00
5,000.0	2.34	72.88	4,998.0	29.4	95.5	35.9	0.00	0.00	0.00

Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well SU 0680 6-4H
Company:	SandRidge Energy	TVD Reference:	WELL @ 8289.0usft
Project:	Jackson County, Colorado	MD Reference:	WELL @ 8289.0usft
Site:	Sec 9, T6N, R80W, 6th PM	North Reference:	Grid
Well:	SU 0680 6-4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned 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)
5,100.0	2.34	72.88	5,097.9	30.6	99.4	37.3	0.00	0.00	0.00
5,200.0	2.34	72.88	5,197.8	31.8	103.3	38.8	0.00	0.00	0.00
5,300.0	2.34	72.88	5,297.7	33.0	107.2	40.3	0.00	0.00	0.00
5,400.0	2.34	72.88	5,397.6	34.2	111.1	41.7	0.00	0.00	0.00
5,500.0	2.34	72.88	5,497.6	35.4	115.0	43.2	0.00	0.00	0.00
5,600.0	2.34	72.88	5,597.5	36.6	118.9	44.7	0.00	0.00	0.00
5,700.0	2.34	72.88	5,697.4	37.8	122.8	46.2	0.00	0.00	0.00
5,800.0	2.34	72.88	5,797.3	39.0	126.7	47.6	0.00	0.00	0.00
5,900.0	2.34	72.88	5,897.2	40.2	130.7	49.1	0.00	0.00	0.00
6,000.0	2.34	72.88	5,997.1	41.4	134.6	50.6	0.00	0.00	0.00
6,100.0	2.34	72.88	6,097.1	42.7	138.5	52.0	0.00	0.00	0.00
6,200.0	2.34	72.88	6,197.0	43.9	142.4	53.5	0.00	0.00	0.00
6,300.0	2.34	72.88	6,296.9	45.1	146.3	55.0	0.00	0.00	0.00
6,400.0	2.34	72.88	6,396.8	46.3	150.2	56.4	0.00	0.00	0.00
6,500.0	2.34	72.88	6,496.7	47.5	154.1	57.9	0.00	0.00	0.00
6,600.0	2.34	72.88	6,596.6	48.7	158.0	59.4	0.00	0.00	0.00
6,700.0	2.34	72.88	6,696.5	49.9	161.9	60.8	0.00	0.00	0.00
6,800.0	2.34	72.88	6,796.5	51.1	165.9	62.3	0.00	0.00	0.00
6,900.0	2.34	72.88	6,896.4	52.3	169.8	63.8	0.00	0.00	0.00
7,000.0	2.34	72.88	6,996.3	53.5	173.7	65.3	0.00	0.00	0.00
Build 10°/100'									
7,101.0	2.34	72.88	7,097.2	54.7	177.6	66.7	0.00	0.00	0.00
7,150.0	6.09	23.32	7,146.1	57.4	179.6	69.6	10.00	7.63	-101.13
7,200.0	10.90	13.64	7,195.5	64.4	181.8	76.7	10.00	9.62	-19.35
7,250.0	15.82	9.89	7,244.2	75.7	184.1	88.2	10.00	9.85	-7.50
7,300.0	20.78	7.90	7,291.6	91.2	186.5	103.8	10.00	9.92	-3.99
7,350.0	25.76	6.64	7,337.5	110.8	188.9	123.5	10.00	9.95	-2.50
7,400.0	30.74	5.78	7,381.6	134.4	191.5	147.2	10.00	9.97	-1.74
7,450.0	35.73	5.13	7,423.4	161.6	194.1	174.5	10.00	9.97	-1.29
7,500.0	40.72	4.62	7,462.6	192.5	196.7	205.5	10.00	9.98	-1.01
7,550.0	45.71	4.21	7,499.1	226.6	199.3	239.7	10.00	9.98	-0.83
7,600.0	50.71	3.86	7,532.4	263.8	201.9	277.0	10.00	9.99	-0.70
7,650.0	55.70	3.56	7,562.3	303.7	204.5	317.0	10.00	9.99	-0.60
7,700.0	60.69	3.29	7,588.7	346.1	207.1	359.5	10.00	9.99	-0.54
7,750.0	65.69	3.05	7,611.2	390.6	209.5	404.1	10.00	9.99	-0.49
7,800.0	70.69	2.82	7,629.8	437.0	211.9	450.5	10.00	9.99	-0.45
7,850.0	75.68	2.61	7,644.2	484.8	214.2	498.3	10.00	9.99	-0.42
7,900.0	80.68	2.41	7,654.5	533.7	216.3	547.2	10.00	9.99	-0.40
7,950.0	85.67	2.21	7,660.4	583.2	218.3	596.8	10.00	9.99	-0.39
EOB @ 90.7° Inc / 2.02° Azm / 7662' TVD									
8,000.3	90.70	2.02	7,662.0	633.5	220.2	647.1	10.00	9.99	-0.39
8,100.0	90.70	2.02	7,660.8	733.1	223.7	746.7	0.00	0.00	0.00
8,200.0	90.70	2.02	7,659.6	833.0	227.2	846.6	0.00	0.00	0.00
8,300.0	90.70	2.02	7,658.3	933.0	230.7	946.6	0.00	0.00	0.00
8,400.0	90.70	2.02	7,657.1	1,032.9	234.3	1,046.5	0.00	0.00	0.00
8,500.0	90.70	2.02	7,655.9	1,132.8	237.8	1,146.4	0.00	0.00	0.00
8,600.0	90.70	2.02	7,654.7	1,232.8	241.3	1,246.4	0.00	0.00	0.00
8,700.0	90.70	2.02	7,653.5	1,332.7	244.8	1,346.3	0.00	0.00	0.00
8,800.0	90.70	2.02	7,652.2	1,432.6	248.4	1,446.3	0.00	0.00	0.00
8,900.0	90.70	2.02	7,651.0	1,532.5	251.9	1,546.2	0.00	0.00	0.00
9,000.0	90.70	2.02	7,649.8	1,632.5	255.4	1,646.1	0.00	0.00	0.00
9,100.0	90.70	2.02	7,648.6	1,732.4	258.9	1,746.1	0.00	0.00	0.00
9,200.0	90.70	2.02	7,647.3	1,832.3	262.5	1,846.0	0.00	0.00	0.00
9,300.0	90.70	2.02	7,646.1	1,932.3	266.0	1,945.9	0.00	0.00	0.00

Well Planning Report



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Site:	Sec 9, T6N, R80W, 6th PM	North Reference:	Grid
Well:	SU 0680 6-4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned 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)
9,400.0	90.70	2.02	7,644.9	2,032.2	269.5	2,045.9	0.00	0.00	0.00
9,500.0	90.70	2.02	7,643.7	2,132.1	273.0	2,145.8	0.00	0.00	0.00
9,600.0	90.70	2.02	7,642.5	2,232.1	276.6	2,245.8	0.00	0.00	0.00
9,700.0	90.70	2.02	7,641.2	2,332.0	280.1	2,345.7	0.00	0.00	0.00
9,800.0	90.70	2.02	7,640.0	2,431.9	283.6	2,445.6	0.00	0.00	0.00
9,900.0	90.70	2.02	7,638.8	2,531.8	287.1	2,545.6	0.00	0.00	0.00
10,000.0	90.70	2.02	7,637.6	2,631.8	290.7	2,645.5	0.00	0.00	0.00
10,100.0	90.70	2.02	7,636.3	2,731.7	294.2	2,745.4	0.00	0.00	0.00
10,200.0	90.70	2.02	7,635.1	2,831.6	297.7	2,845.4	0.00	0.00	0.00
10,300.0	90.70	2.02	7,633.9	2,931.6	301.2	2,945.3	0.00	0.00	0.00
10,400.0	90.70	2.02	7,632.7	3,031.5	304.8	3,045.2	0.00	0.00	0.00
10,500.0	90.70	2.02	7,631.5	3,131.4	308.3	3,145.2	0.00	0.00	0.00
10,600.0	90.70	2.02	7,630.2	3,231.4	311.8	3,245.1	0.00	0.00	0.00
10,700.0	90.70	2.02	7,629.0	3,331.3	315.3	3,345.1	0.00	0.00	0.00
10,800.0	90.70	2.02	7,627.8	3,431.2	318.9	3,445.0	0.00	0.00	0.00
10,900.0	90.70	2.02	7,626.6	3,531.2	322.4	3,544.9	0.00	0.00	0.00
11,000.0	90.70	2.02	7,625.4	3,631.1	325.9	3,644.9	0.00	0.00	0.00
11,100.0	90.70	2.02	7,624.1	3,731.0	329.4	3,744.8	0.00	0.00	0.00
11,200.0	90.70	2.02	7,622.9	3,830.9	333.0	3,844.7	0.00	0.00	0.00
11,300.0	90.70	2.02	7,621.7	3,930.9	336.5	3,944.7	0.00	0.00	0.00
11,400.0	90.70	2.02	7,620.5	4,030.8	340.0	4,044.6	0.00	0.00	0.00
11,500.0	90.70	2.02	7,619.2	4,130.7	343.5	4,144.6	0.00	0.00	0.00
11,600.0	90.70	2.02	7,618.0	4,230.7	347.1	4,244.5	0.00	0.00	0.00
11,700.0	90.70	2.02	7,616.8	4,330.6	350.6	4,344.4	0.00	0.00	0.00
11,800.0	90.70	2.02	7,615.6	4,430.5	354.1	4,444.4	0.00	0.00	0.00
11,900.0	90.70	2.02	7,614.4	4,530.5	357.6	4,544.3	0.00	0.00	0.00
12,000.0	90.70	2.02	7,613.1	4,630.4	361.2	4,644.2	0.00	0.00	0.00
12,100.0	90.70	2.02	7,611.9	4,730.3	364.7	4,744.2	0.00	0.00	0.00
12,200.0	90.70	2.02	7,610.7	4,830.2	368.2	4,844.1	0.00	0.00	0.00
12,300.0	90.70	2.02	7,609.5	4,930.2	371.7	4,944.1	0.00	0.00	0.00
12,400.0	90.70	2.02	7,608.2	5,030.1	375.3	5,044.0	0.00	0.00	0.00
12,500.0	90.70	2.02	7,607.0	5,130.0	378.8	5,143.9	0.00	0.00	0.00
12,600.0	90.70	2.02	7,605.8	5,230.0	382.3	5,243.9	0.00	0.00	0.00
12,700.0	90.70	2.02	7,604.6	5,329.9	385.8	5,343.8	0.00	0.00	0.00
12,800.0	90.70	2.02	7,603.4	5,429.8	389.4	5,443.7	0.00	0.00	0.00
12,900.0	90.70	2.02	7,602.1	5,529.8	392.9	5,543.7	0.00	0.00	0.00
13,000.0	90.70	2.02	7,600.9	5,629.7	396.4	5,643.6	0.00	0.00	0.00
13,100.0	90.70	2.02	7,599.7	5,729.6	399.9	5,743.6	0.00	0.00	0.00
13,200.0	90.70	2.02	7,598.5	5,829.6	403.5	5,843.5	0.00	0.00	0.00
TD @ 13305' MD / 7597' TVD									
13,305.2	90.70	2.02	7,597.0	5,934.7	407.2	5,948.6	0.00	0.00	0.00

Well Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well SU 0680 6-4H
Company:	SandRidge Energy	TVD Reference:	WELL @ 8289.0usft
Project:	Jackson County, Colorado	MD Reference:	WELL @ 8289.0usft
Site:	Sec 9, T6N, R80W, 6th PM	North Reference:	Grid
Well:	SU 0680 6-4H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL 6-4H - plan hits target center - Point	0.00	0.00	7,597.0	5,934.7	407.2	1,435,804.49	2,754,588.33	40° 31' 34.790 N	106° 22' 58.144 W
LP 6-4H - plan hits target center - Point	0.00	0.00	7,662.0	633.5	220.2	1,430,503.27	2,754,401.34	40° 30' 42.388 N	106° 22' 59.882 W

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,500.0	2,500.0	0.0	0.0	Build 2°/100'
2,617.2	2,617.2	0.7	2.3	EOB @ 2.34° Inc / 72.88° Azm
7,101.0	7,097.2	54.7	177.6	Build 10°/100'
8,000.3	7,662.0	633.5	220.2	EOB @ 90.7° Inc / 2.02° Azm / 7662' TVD
13,305.2	7,597.0	5,934.7	407.2	TD @ 13305' MD / 7597' TVD