

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (575) 746-1283 Fax: (575) 746-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1226 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1226 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

As-Drilled
☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-46071	Pool Code 97565	Pool Name N. SEVEN RIVERS; GLORIETA-YESO
Property Code 32578	Property Name OSAGE BOYD "15" FEDERAL COM	Well Number 13H
OGRID No. 328947	Operator Name SPUR ENERGY PARTNERS, LLC	Elevation 3468'

Surface Location

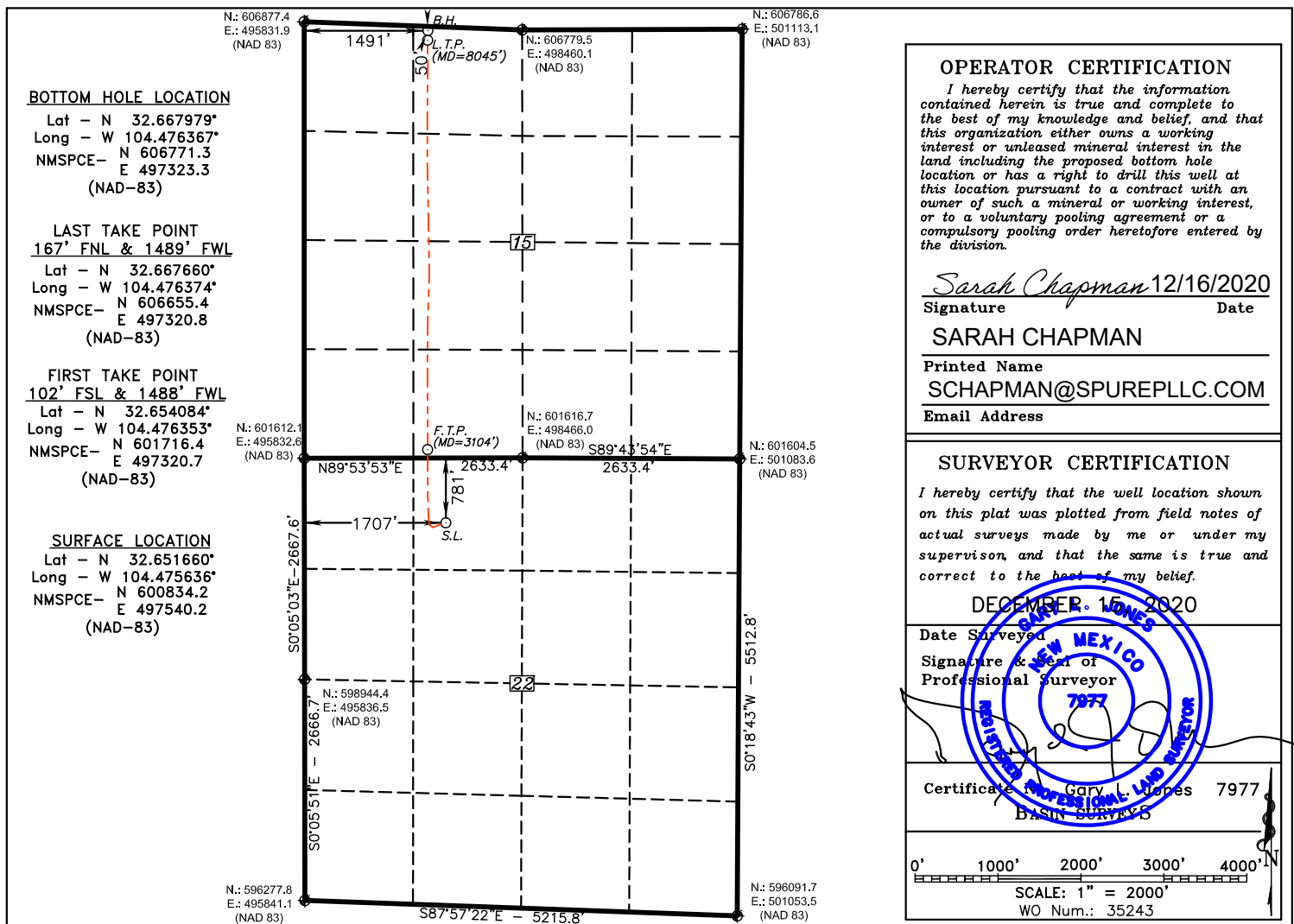
UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	North/South line	FEET from the	East/West line	County
C	22	19 S	25 E		781	NORTH	1707	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	North/South line	FEET from the	East/West line	County
C	15	19 S	25 E		50	NORTH	1491	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION





I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **10/24/20** thru **11/02/20** conduct or supervise the taking of a **MWD Survey** from a depth of **164'** to a depth of **8161'**; that the data is true, correct, complete and within the limitations of the tool as set forth by **Wellbenders Directional Services**; that I am authorized and qualified to make this report; that this survey was conducted at the request of **Spur Energy Partners** for the **Osage Boyd 15 Fed Com 13H** API No. **30-015-46071** in **Eddy County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by **Wellbenders Directional Services**.

Larry Wright

*1125 Beach Airport Rd, Conroe, Texas
77301*



Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: Osage Boyd 15 Federal Com
Well: #13H
Wellbore: OH
Rig: Akita 57
Design: Plan #5 / 7:42, November 02 2020

WELL DETAILS: #13H

RKB = 20' @ 3488.00usft (Akita 57)
3468.00

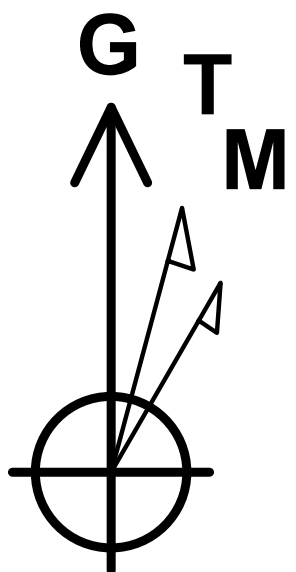
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	600834.20	497540.20	32.651660	-104.475636

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00
3	716.60	8.33	247.33	715.14	-11.65	-27.90	2.00	-11.65
4	1543.47	8.33	247.33	1533.28	-57.83	-138.47	0.00	-57.81
5	2601.62	60.00	359.99	2413.24	420.82	-217.54	6.00	420.85
6	2801.62	60.00	359.99	2513.24	594.02	-217.56	0.00	594.06
7	3101.62	90.00	359.99	2590.00	880.50	-217.60	10.00	880.54
8	6221.08	90.00	359.99	2590.00	3999.96	-218.03	0.00	4000.00
9	6258.40	90.75	359.99	2589.76	4037.28	-218.03	2.00	4037.32
10	8158.94	90.75	359.99	2565.00	5937.66	-218.30	0.00	5937.70

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
13H: SHL (781' NFL & 1707' FWL)	0.00	0.00	0.00	600834.20	497540.20	32.651660	-104.475636
Final Bit Proj @ 8161' MD (50.5' FNL)	2562.02	5937.07	-216.88	606771.27	497323.32	32.667978	-104.476367
LTP @ 8111.50' MD (100' FNL)	2562.91	5887.60	-218.17	606721.80	497322.03	32.667842	-104.476371
FTP @ 3102.42' MD (100' FSL)	2584.89	880.50	-219.51	601714.70	497320.69	32.654079	-104.476353



Azimuths to Grid North
True North: 0.08°
Magnetic North: 7.13°

Magnetic Field
Strength: 47754.7snT
Dip Angle: 60.27°
Date: 10/02/2020
Model: IGRF2015

PROJECT DETAILS: Eddy County, NM (NAD 83 - NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

Disclaimer:
All Plan Details, boundary
lines and offset well
location/ survey data is
provided by customer and
subject to customer
approval.

TD: Latitude= 32.667978 / Longitude= -104.476367

TD: Y= 606771.27 / X= 497323.32

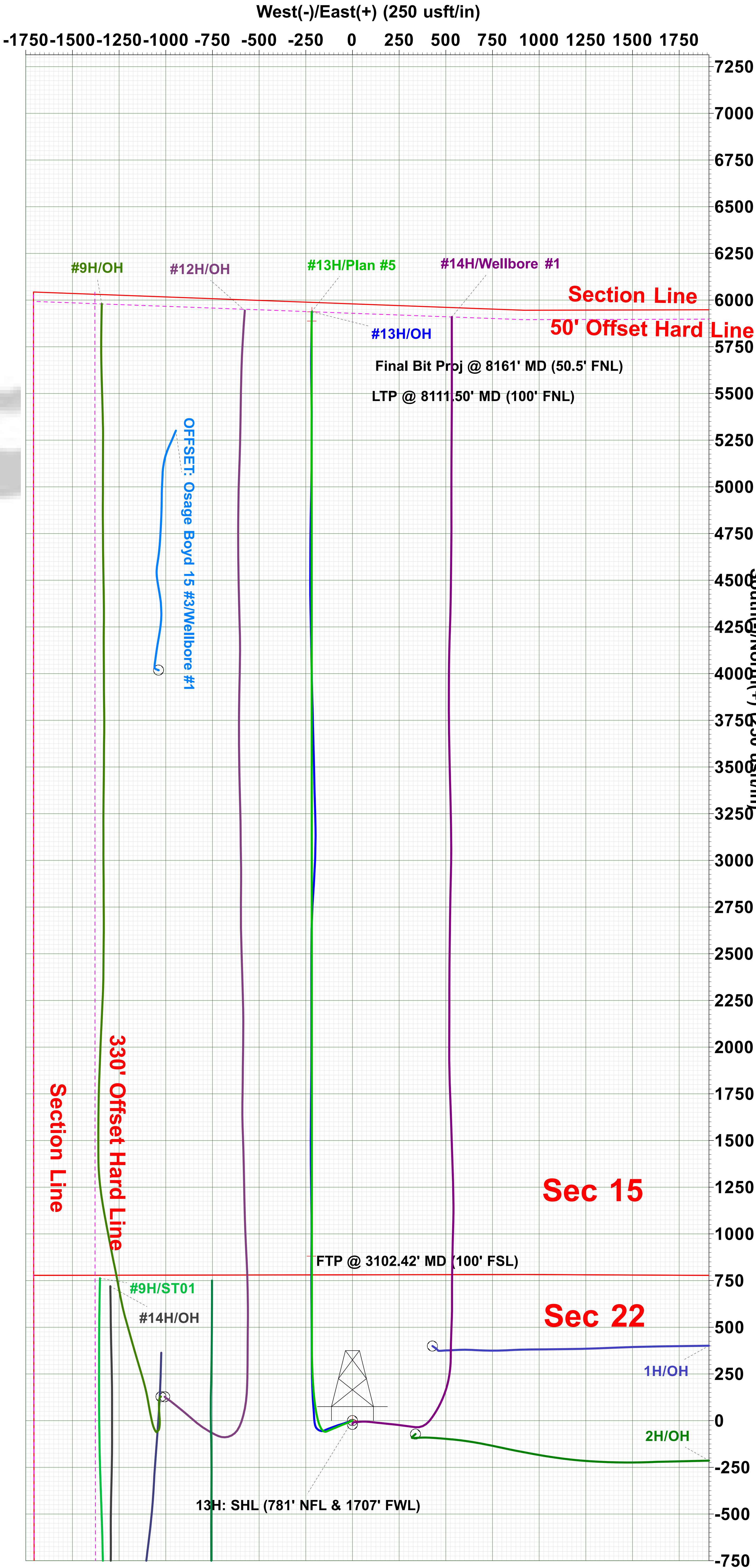
Projection to Bit: 8161.00' MD/ 2562.02' TVD

Final Station Closure Distance= 5941.03 /Direction= 357.91

OH

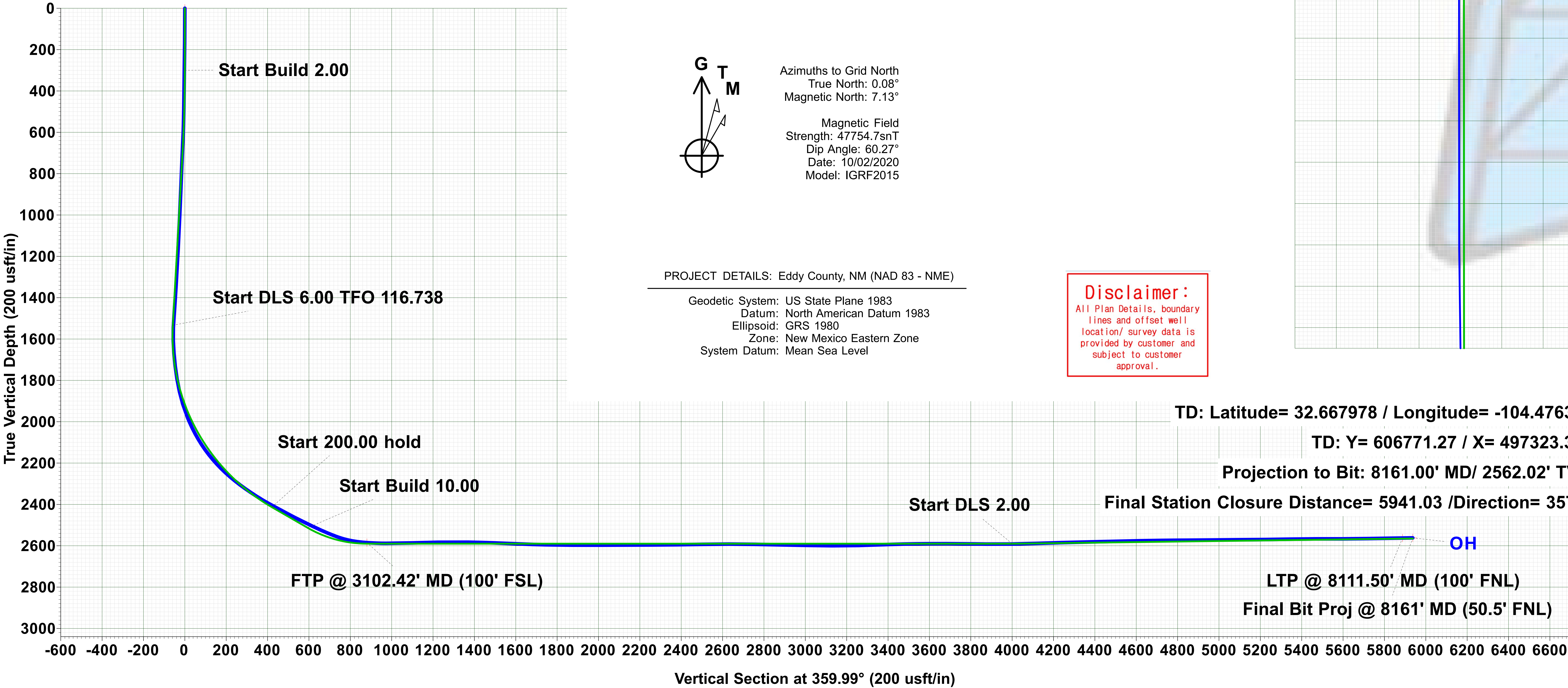
LTP @ 8111.50' MD (100' FNL)

Final Bit Proj @ 8161' MD (50.5' FNL)



Plan: Plan #5 (#13H/OH) Akita 57

Created By: Matthew May Date: 7:42, November 02 2020





Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

Osage Boyd 15 Federal Com

#13H

OH

Design: OH

Standard Survey Report

02 November, 2020





Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #13H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3488.00usft (Akita 57)
Site:	Osage Boyd 15 Federal Com	MD Reference:	RKB = 20' @ 3488.00usft (Akita 57)
Well:	#13H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Project	Eddy County, NM (NAD 83 - NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Osage Boyd 15 Federal Com		
Site Position:		Northing:	600,962.30 usft
From:	Map	Easting:	496,514.50 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.652008
		Longitude:	-104.478969
		Grid Convergence:	-0.079 °

Well	#13H		
Well Position	+N/-S	0.00 usft	Northing: 600,834.20 usft
	+E/-W	0.00 usft	Easting: 497,540.20 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32.651660
		Longitude:	-104.475636
		Ground Level:	3,468.00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	10/02/20	7.050
			Dip Angle (°) 60.268
			Field Strength (nT) 47,754.72816245

Design	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°) 359.99

Survey Program	Date	11/02/20		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
164.00	1,183.00	Survey #1 (OH)	MWD+IGRF	OWSG MWD + IGRF or WMM
1,305.00	3,445.00	Survey #2 (OH)	MWD+IGRF	OWSG MWD + IGRF or WMM
3,592.00	8,161.00	Survey #3 (OH)	MWD+IGRF	OWSG MWD + IGRF or WMM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.00	0.62	209.28	164.00	-0.77	-0.43	-0.77	0.38	0.38	0.00
284.00	1.41	237.31	283.98	-2.14	-1.99	-2.14	0.76	0.66	23.36
405.00	3.78	259.73	404.85	-3.65	-7.17	-3.65	2.09	1.96	18.53
525.00	5.49	258.23	524.45	-5.53	-16.68	-5.53	1.43	1.42	-1.25
646.00	7.87	250.94	644.62	-9.42	-30.18	-9.41	2.08	1.97	-6.02
769.00	7.78	251.38	766.48	-14.82	-46.03	-14.82	0.09	-0.07	0.36
890.00	7.78	252.87	886.36	-19.85	-61.62	-19.84	0.17	0.00	1.23
1,011.00	7.78	252.61	1,006.25	-24.71	-77.26	-24.70	0.03	0.00	-0.21



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #13H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3488.00usft (Akita 57)
Site:	Osage Boyd 15 Federal Com	MD Reference:	RKB = 20' @ 3488.00usft (Akita 57)
Well:	#13H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
1,132.00	8.66	248.74	1,126.01	-30.46	-93.57	-30.45	0.86	0.73	-3.20	
1,183.00	8.70	249.27	1,176.42	-33.22	-100.75	-33.20	0.18	0.08	1.04	
1,305.00	9.05	249.97	1,296.96	-39.77	-118.40	-39.75	0.30	0.29	0.57	
1,431.00	10.29	248.56	1,421.17	-47.28	-138.18	-47.26	1.00	0.98	-1.12	
1,494.00	9.58	242.24	1,483.23	-51.78	-148.06	-51.75	2.06	-1.13	-10.03	
1,557.00	8.92	253.31	1,545.41	-55.62	-157.38	-55.60	3.01	-1.05	17.57	
1,620.00	9.01	283.02	1,607.67	-55.92	-166.87	-55.89	7.27	0.14	47.16	
1,683.00	10.37	293.83	1,669.78	-52.51	-176.86	-52.48	3.60	2.16	17.16	
1,745.00	11.08	307.80	1,730.71	-46.61	-186.68	-46.57	4.33	1.15	22.53	
1,808.00	10.90	327.40	1,792.57	-37.87	-194.67	-37.84	5.91	-0.29	31.11	
1,871.00	13.27	345.07	1,854.19	-25.86	-199.75	-25.83	6.93	3.76	28.05	
1,934.00	17.23	351.75	1,914.97	-9.64	-202.95	-9.60	6.87	6.29	10.60	
1,997.00	21.67	356.85	1,974.36	11.22	-204.93	11.26	7.54	7.05	8.10	
2,060.00	25.98	356.14	2,031.98	36.62	-206.50	36.65	6.86	6.84	-1.13	
2,123.00	30.99	355.88	2,087.34	66.58	-208.59	66.62	7.95	7.95	-0.41	
2,186.00	35.91	355.70	2,139.88	101.20	-211.15	101.24	7.81	7.81	-0.29	
2,249.00	41.05	357.55	2,189.19	140.32	-213.42	140.36	8.36	8.16	2.94	
2,312.00	46.07	357.99	2,234.83	183.69	-215.10	183.73	7.98	7.97	0.70	
2,375.00	50.29	358.52	2,276.82	230.61	-216.52	230.64	6.73	6.70	0.84	
2,438.00	54.15	359.22	2,315.41	280.38	-217.49	280.42	6.19	6.13	1.11	
2,501.00	56.66	359.92	2,351.18	332.24	-217.88	332.27	4.09	3.98	1.11	
2,565.00	59.87	359.92	2,384.84	386.66	-217.95	386.70	5.02	5.02	0.00	
2,596.00	60.88	359.75	2,400.16	413.61	-218.03	413.64	3.29	3.26	-0.55	
2,628.00	61.85	359.75	2,415.50	441.69	-218.15	441.73	3.03	3.03	0.00	
2,659.00	61.63	359.75	2,430.18	469.00	-218.27	469.04	0.71	-0.71	0.00	
2,691.00	61.98	359.75	2,445.30	497.20	-218.40	497.24	1.09	1.09	0.00	
2,722.00	62.68	359.57	2,459.69	524.65	-218.56	524.69	2.32	2.26	-0.58	
2,754.00	63.69	359.39	2,474.13	553.21	-218.82	553.25	3.20	3.16	-0.56	
2,785.00	63.65	359.66	2,487.88	580.99	-219.05	581.03	0.79	-0.13	0.87	
2,817.00	64.18	359.75	2,501.95	609.73	-219.20	609.77	1.68	1.66	0.28	
2,880.00	66.11	359.57	2,528.43	666.90	-219.54	666.93	3.07	3.06	-0.29	
2,943.00	68.84	359.66	2,552.56	725.08	-219.93	725.12	4.34	4.33	0.14	
3,006.00	76.40	0.10	2,571.36	785.16	-220.05	785.20	12.02	12.00	0.70	
3,068.00	84.13	0.45	2,581.84	846.22	-219.75	846.26	12.48	12.47	0.56	
3,194.00	89.85	0.19	2,588.45	971.99	-219.05	972.03	4.54	4.54	-0.21	
3,320.00	91.87	359.66	2,586.56	1,097.97	-219.22	1,098.01	1.66	1.60	-0.42	
3,445.00	91.21	358.87	2,583.20	1,222.92	-220.82	1,222.95	0.82	-0.53	-0.63	
3,592.00	89.05	359.48	2,582.87	1,369.89	-222.94	1,369.93	1.53	-1.47	0.41	
3,717.00	87.78	0.27	2,586.33	1,494.84	-223.21	1,494.88	1.20	-1.02	0.63	
3,843.00	87.56	0.45	2,591.45	1,620.73	-222.42	1,620.77	0.23	-0.17	0.14	
3,969.00	88.84	0.36	2,595.41	1,746.66	-221.53	1,746.70	1.02	1.02	-0.07	
4,095.00	89.58	0.63	2,597.14	1,872.65	-220.44	1,872.68	0.63	0.59	0.21	
4,221.00	90.24	359.92	2,597.34	1,998.64	-219.83	1,998.68	0.77	0.52	-0.56	



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #13H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3488.00usft (Akita 57)
Site:	Osage Boyd 15 Federal Com	MD Reference:	RKB = 20' @ 3488.00usft (Akita 57)
Well:	#13H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,348.00	90.29	0.10	2,596.75	2,125.64	-219.81	2,125.68	0.15	0.04	0.14
4,474.00	90.11	359.75	2,596.31	2,251.64	-219.98	2,251.68	0.31	-0.14	-0.28
4,600.00	90.90	0.10	2,595.20	2,377.63	-220.14	2,377.67	0.69	0.63	0.28
4,727.00	90.90	0.10	2,593.21	2,504.62	-219.92	2,504.66	0.00	0.00	0.00
4,853.00	90.02	0.80	2,592.20	2,630.61	-218.93	2,630.65	0.89	-0.70	0.56
4,979.00	89.05	3.61	2,593.22	2,756.50	-214.08	2,756.53	2.36	-0.77	2.23
5,101.00	88.57	3.53	2,595.75	2,878.23	-206.49	2,878.27	0.40	-0.39	-0.07
5,227.00	89.05	2.38	2,598.37	3,004.04	-200.00	3,004.07	0.99	0.38	-0.91
5,353.00	89.49	359.92	2,599.98	3,129.99	-197.47	3,130.03	1.98	0.35	-1.95
5,478.00	91.69	357.99	2,598.69	3,254.95	-199.75	3,254.99	2.34	1.76	-1.54
5,604.00	92.00	358.96	2,594.63	3,380.84	-203.10	3,380.87	0.81	0.25	0.77
5,730.00	90.77	358.60	2,591.59	3,506.77	-205.78	3,506.81	1.02	-0.98	-0.29
5,854.00	90.33	358.25	2,590.40	3,630.72	-209.19	3,630.75	0.45	-0.35	-0.28
5,977.00	89.32	359.13	2,590.77	3,753.68	-212.00	3,753.72	1.09	-0.82	0.72
6,097.00	89.41	357.99	2,592.10	3,873.63	-215.01	3,873.67	0.95	0.07	-0.95
6,218.00	90.86	359.22	2,591.82	3,994.59	-217.96	3,994.63	1.57	1.20	1.02
6,338.00	91.91	358.78	2,588.92	4,114.54	-220.05	4,114.58	0.95	0.87	-0.37
6,458.00	91.69	359.04	2,585.15	4,234.46	-222.34	4,234.50	0.28	-0.18	0.22
6,581.00	91.30	358.69	2,581.94	4,357.39	-224.77	4,357.43	0.43	-0.32	-0.28
6,702.00	91.21	0.01	2,579.29	4,478.35	-226.14	4,478.39	1.09	-0.07	1.09
6,823.00	91.56	0.54	2,576.36	4,599.31	-225.56	4,599.35	0.52	0.29	0.44
6,945.00	90.29	359.92	2,574.39	4,721.29	-225.07	4,721.33	1.16	-1.04	-0.51
7,066.00	90.77	1.68	2,573.27	4,842.27	-223.38	4,842.31	1.51	0.40	1.45
7,190.00	90.07	0.98	2,572.37	4,966.23	-220.51	4,966.27	0.80	-0.56	-0.56
7,317.00	90.99	0.54	2,571.19	5,093.21	-218.82	5,093.25	0.80	0.72	-0.35
7,443.00	89.98	359.57	2,570.12	5,219.21	-218.70	5,219.25	1.11	-0.80	-0.77
7,569.00	91.78	0.71	2,568.19	5,345.18	-218.39	5,345.22	1.69	1.43	0.90
7,695.00	89.63	358.78	2,566.64	5,471.16	-218.95	5,471.20	2.29	-1.71	-1.53
7,822.00	90.33	359.75	2,566.68	5,598.15	-220.58	5,598.19	0.94	0.55	0.76
7,948.00	90.81	0.19	2,565.43	5,724.14	-220.65	5,724.18	0.52	0.38	0.35
8,074.00	90.90	1.24	2,563.55	5,850.12	-219.08	5,850.15	0.84	0.07	0.83
8,108.00	91.03	1.50	2,562.98	5,884.10	-218.26	5,884.14	0.85	0.38	0.76
8,161.00	91.03	1.50	2,562.02	5,937.07	-216.88	5,937.11	0.00	0.00	0.00

TD: Y= 606771.27 / X= 497323.32 - Projection to Bit: 8161.00' MD/ 2562.02' TVD - Final Station Closure Distance= 5941.0'



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #13H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3488.00usft (Akita 57)
Site:	Osage Boyd 15 Federal Com	MD Reference:	RKB = 20' @ 3488.00usft (Akita 57)
Well:	#13H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

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
Final Bit Proj @ 8161' - actual wellpath hits target center - Point	0.00	0.00	2,562.02	5,937.07	-216.88	606,771.28	497,323.32	32.667979	-104.476367
LTP @ 8111.50' MD (' - actual wellpath misses target center by 3.50usft at 8108.00usft MD (2562.98 TVD, 5884.10 N, -218.26 E) - Point	0.00	0.00	2,562.91	5,887.60	-218.17	606,721.80	497,322.03	32.667843	-104.476371
FTP @ 3102.42' MD (' - actual wellpath misses target center by 0.01usft at 3102.41usft MD (2584.89 TVD, 880.49 N, -219.51 E) - Point	0.00	0.00	2,584.89	880.50	-219.51	601,714.70	497,320.70	32.654079	-104.476353

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,161.00	2,562.02	5,937.07	-216.88	TD: Y= 606771.27 / X= 497323.32
8,161.00	2,562.02	5,937.07	-216.88	Projection to Bit: 8161.00' MD/ 2562.02' TVD
8,161.00	2,562.02	5,937.07	-216.88	Final Station Closure Distance= 5941.03 /Direction= 357.91
8,161.00	2,562.02	5,937.07	-216.88	TD: Latitude= 32.667978 / Longitude= -104.476367

Checked By: _____ Approved By: _____ Date: _____

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM12833

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
OSAGE BOYD 15 FEDERAL COM 13H9. API Well No.
30-015-46071-00-X110. Field and Pool or Exploratory Area
N SEVEN RIVERS-GLOR-YESO11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PERCUSSION PETROLEUM OPERATING, INC.

Contact: SARAH E CHAPMAN

Email: schapman@spurepllc.com

3a. Address

919 MILAM STREET, SUITE 2475
HOUSTON, TX 77002

3b. Phone No. (include area code)

Ph: 832-930-8613

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 22 T19S R25E NWNW 781FNL 1707FWL
32.651660 N Lat, 104.475636 W Lon

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

10/24/20 Spud well, drill 12-1/4" hole to 1250'. RIH & set 9-5/8" 36# J-55 csg @ 1250', pump 40bbl FWS then cmt w/ 325sxs class C w/ additives 12.8ppg 1.66 yield followed by 115sxs class C w/ additives 14.8ppg 1.33 yield. Full returns throughout job, circ 65sxs cmt to surface.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #536174 verified by the BLM Well Information System
For PERCUSSION PETROLEUM OPERATING, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 11/03/2020 (21PP0429SE)

Name (Printed/Typed) SARAH E CHAPMAN

Title REGULATORY DIRECTOR

Signature (Electronic Submission)

Date 11/02/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDJONATHON SHEPARD
Title PETROLEUM ENGINEER

Date 11/17/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #536174

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM12833	NMNM12833
Agreement:		
Operator:	SPUR ENERGY PARTNERS 9655 KATY FREEWAY SUITE 500 HOUSTON, TX 77024 Ph: 832-930-8502	PERCUSSION PETROLEUM OPERATING 919 MILAM STREET, SUITE 2475 HOUSTON, TX 77002 Ph: 7135892337
Admin Contact:	SARAH E CHAPMAN REGULATORY DIRECTOR E-Mail: schapman@spurepllc.com Cell: 281-642-5503 Ph: 832-930-8613	SARAH E CHAPMAN REGULATORY DIRECTOR E-Mail: schapman@spurepllc.com Cell: 281-642-5503 Ph: 832-930-8613
Tech Contact:	SARAH E CHAPMAN REGULATORY DIRECTOR E-Mail: schapman@spurepllc.com Cell: 281-642-5503 Ph: 832-930-8613	SARAH E CHAPMAN REGULATORY DIRECTOR E-Mail: schapman@spurepllc.com Cell: 281-642-5503 Ph: 832-930-8613
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	N. SEVEN RIVERS; GLORIETA	N SEVEN RIVERS-GLOR-YESO
Well/Facility:	OSAGE BOYD 15 FED COM 13H Sec 22 T19S R25E Mer NMP NWNW 781FNL 1707FWL 32.651660 N Lat, 104.475636 W Lon	OSAGE BOYD 15 FEDERAL COM 13H Sec 22 T19S R25E NWNW 781FNL 1707FWL 32.651660 N Lat, 104.475636 W Lon

Well Name: OSAGE BOYD 15 FEDERAL COM	Well Location: T19S / R25E / SEC 22 / NWNW / 32.652008 / -104.477351	County or Parish/State: EDDY / NM
Well Number: 13H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM012833, NMNM12833	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546071	Well Status: Approved Application for Permit to Drill	Operator: PERCUSSION PETROLEUM OPERATING LLC

Subsequent Report

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 01/19/2021

Time Sundry Submitted: 08:26

Date Operation Actually Began: 10/27/2020

Actual Procedure: 10/27/20 NU BOP, test to 250# low 2500# high, good test. Test 9-5/8" csg to 1940# for 30 minutes, good test. Drill 8-3/4" hole to 8161'M/2562'V - TD reached 11/1/2020. RIH & set 7" 32# L-80 BTC csg @ 2862' then crossover and set 5-1/2" 20# L-80 BK-HT csg @ 8159', pump 50bbl FWS then cmt w/ 150sxs class C w/ additives 11.2ppg 3.11 yield followed by tail job w/ 1115sxs class C w/ additives 13.2ppg 1.83 yield. Full returns throughout job, circ 389sxs cmt to surface. WOC 11/3/2020 rig down and rig release. Added missing information for approved sundry EC536913

Well Name: OSAGE BOYD 15 FEDERAL COM	Well Location: T19S / R25E / SEC 22 / NWNW / 32.652008 / -104.477351	County or Parish/State: EDDY / NM
Well Number: 13H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM012833, NMNM12833	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546071	Well Status: Approved Application for Permit to Drill	Operator: PERCUSSION PETROLEUM OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: CHAPMAN	Signed on: JAN 19, 2021 08:25 AM
Name: PERCUSSION PETROLEUM OPERATING LLC	
Title: Regulatory Directory	
Street Address: 919 MILAM STREET, SUITE 2475	
City: HOUSTON	State: TX
Phone: (713) 589-2337	
Email address: NOT ENTERED	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: Jonathon W Shepard	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 01/20/2021
Signature: Jonathon Shepard	

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 14956

CONDITIONS OF APPROVAL

Operator: SPUR ENERGY PARTNERS LLC Suite 500 Houston, TX77024	9655 Katy Freeway	OGRID: 328947	Action Number: 14956	Action Type: C-104C
OCD Reviewer ksimmons		Condition None		