

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address SPUR ENEGY PARTNERS LLC 9655 KATY FREEWAY, SUITE 500 HOUSTON, TX 77024		² OGRID Number 328947
		³ Reason for Filing Code/ Effective Date RT 11/01/2022
⁴ API Number 30 - 0 25-49322	⁵ Pool Name MALJAMAR; YESO, WEST	⁶ Pool Code 44500
⁷ Property Code 325854	⁸ Property Name HT 18 FEDERAL	⁹ Well Number 13H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
4	7	17S	32E		648	SOUTH	824	WEST	LEA

¹¹ Bottom Hole Location FTP: 108' FNL 668' FWL LTP: 122' FSL 651' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	18	17S	32E		55	SOUTH	650	WEST	LEA
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 10/15/2022	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
221115	FRONTIER FIELD SERVICES, LLC 4200 EAST SKELLY DRIVE, SUITE 700, TULSA, OK 74135	G
33479	HOLLYFRONTIER REFINING & MARKETING 2828 N. HARWOOD, SUITE 1300, DALLAS, TX 75201	O

IV. Well Completion Data

²¹ Spud Date 06/17/2022	²² Ready Date 11/01/2022	²³ TD 6338'V/11880'M	²⁴ PBDT 6338'V/11835'M	²⁵ Perforations 6759'-11813'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17-1/2"		13-3/8" 54.5# J-55 BTC		457'	655 SXS (444 TO SURFACE)
12-1/4"		9-5/8" 36# J-55 BTC		2022'	535 SXS (189 TO SURFACE)
8-3/4"		7" 32# L-80 BK-HT		6549'	1985 SXS (124 TO SURFACE)
8-3/4"		5-1/2" 20# L-80 BK-HT		11880'	1985 SXS (124 TO SURFACE)
		3-1/2" J-55 TBG		6477'	

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Sarah Chapman</i>			OIL CONSERVATION DIVISION		
Printed name: SARAH CHAPMAN			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: REGULATORY DIRECTOR			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: SCHAPMAN@SPURENERGY.COM			Approval Date: <i>7/17/2025</i>		
Date: 11/01/2022		Phone: 832-930-8613			

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-49322	² Pool Code 44500	³ Pool Name MALJAMAR; YESO, WEST
⁴ Property Code 325854	⁵ Property Name HT 18 FEDERAL	⁶ Well Number 13H
⁷ OGRID NO. 328947	⁸ Operator Name SPUR ENERGY PARTNERS LLC.	⁹ Elevation 3973'

¹⁰ Surface Location

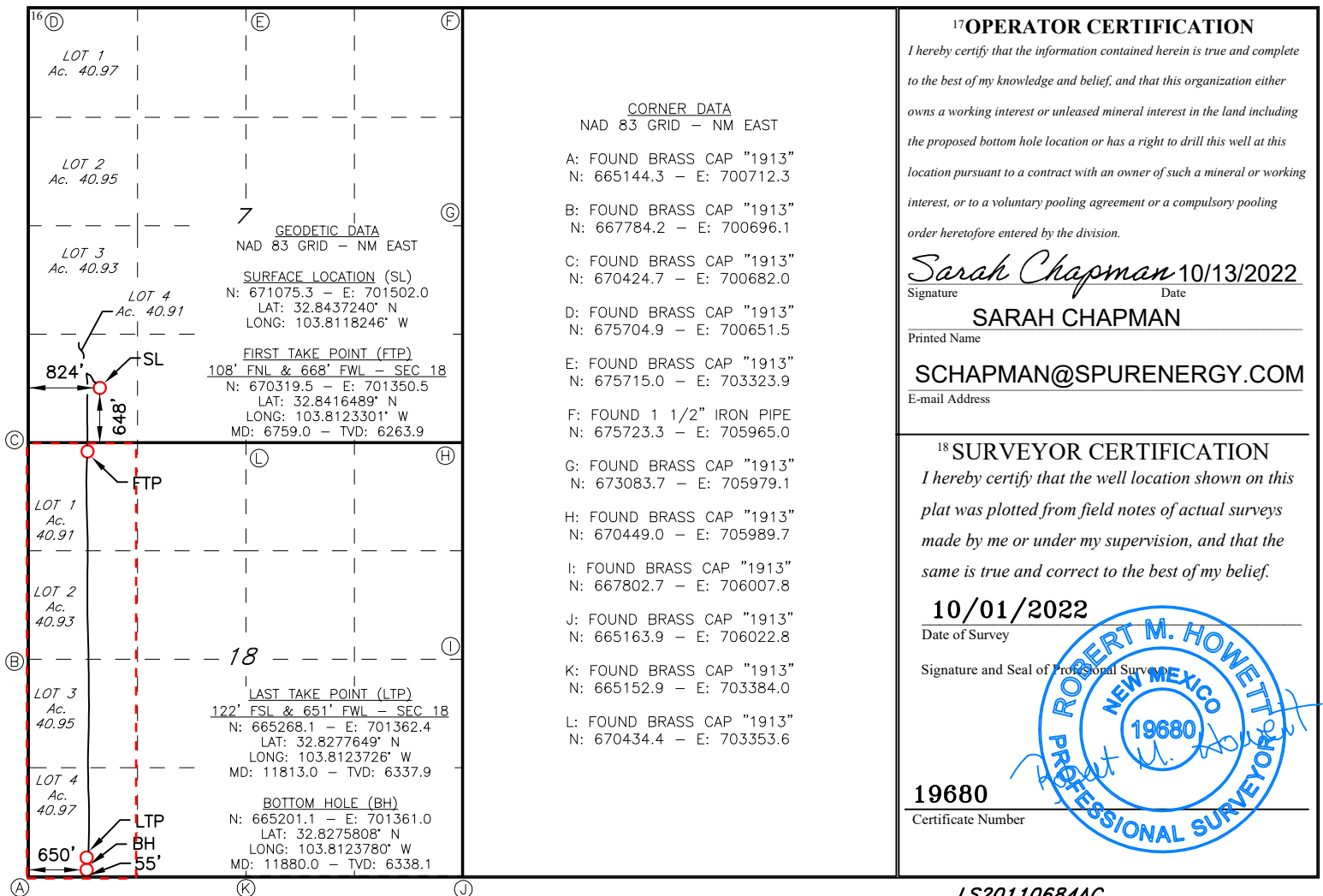
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
4	7	17S	32E		648	SOUTH	824	WEST	LEA

¹¹ 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
4	18	17S	32E		55	SOUTH	650	WEST	LEA

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest 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 **08/20/22** thru **08/30/22** conduct or supervise the taking of a **MWD Survey** from a depth of **477'** to a depth of **11880'**; 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 **HT 18 Federal 13H API No. 30-025-49322** in **Lea 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
PH 936-756-3225 FAX 936-756-3248*



Spur Energy Partners, LLC

Lea County, NM (Nad-83/ NME)

HT 18 Federal

#13H

OH

Design: OH

Standard Survey Report

31 August, 2022





Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #13H
Project:	Lea County, NM (Nad-83/ NME)	TVD Reference:	RKB = 20' @ 3993.00usft (AKITA 57)
Site:	HT 18 Federal	MD Reference:	RKB = 20' @ 3993.00usft (AKITA 57)
Well:	#13H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Project	Lea 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		HT 18 Federal			
Site Position:		Northing:	671,004.40 usft	Latitude:	32.843528
From:	Map	Easting:	701,576.50 usft	Longitude:	-103.811584
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.283 °

Well	#13H					
Well Position	+N/-S	0.00 usft	Northing:	671,075.30 usft	Latitude:	32.843724
	+E/-W	0.00 usft	Easting:	701,502.00 usft	Longitude:	-103.811825
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,973.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	07/19/22	6.578	60.390	47,716.93621149

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)	Direction (°)	
	0.00	0.00	0.00	179.67	

Survey Program	Date	08/31/22			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
477.00	1,979.00	SPUDDER (OH)	MWD+IGRF	OWSG MWD + IGRF or WMM	
2,050.00	11,880.00	MWD (OH)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction	

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
HT 18 Fed 13H: SHL (648' FSL & 824' FWL)									
477.00	0.79	271.63	476.98	0.09	-3.29	-0.11	0.17	0.17	0.00
569.00	3.12	333.33	568.93	2.35	-5.05	-2.38	3.08	2.53	67.07
658.00	3.78	339.31	657.77	7.26	-7.17	-7.30	0.84	0.74	6.72
747.00	5.01	321.03	746.51	13.02	-10.65	-13.09	2.08	1.38	-20.54
837.00	5.10	319.97	836.16	19.14	-15.69	-19.23	0.14	0.10	-1.18
926.00	3.38	318.57	924.91	24.14	-19.97	-24.25	1.94	-1.93	-1.57
1,015.00	2.99	317.69	1,013.78	27.82	-23.27	-27.96	0.44	-0.44	-0.99
1,105.00	2.81	319.18	1,103.66	31.23	-26.30	-31.38	0.22	-0.20	1.66



Survey Report



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Site:	HT 18 Federal	MD Reference:	RKB = 20' @ 3993.00usft (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)	
1,194.00	2.68	321.91	1,192.56	34.52	-29.01	-34.68	0.21	-0.15	3.07	
1,283.00	2.29	323.22	1,281.47	37.58	-31.35	-37.76	0.44	-0.44	1.47	
1,372.00	2.02	322.26	1,370.41	40.24	-33.38	-40.43	0.31	-0.30	-1.08	
1,461.00	1.71	326.30	1,459.36	42.59	-35.08	-42.79	0.38	-0.35	4.54	
1,550.00	2.02	321.73	1,548.32	44.92	-36.78	-45.14	0.39	0.35	-5.13	
1,640.00	2.11	318.57	1,638.26	47.41	-38.86	-47.64	0.16	0.10	-3.51	
1,730.00	1.80	322.61	1,728.21	49.78	-40.82	-50.01	0.38	-0.34	4.49	
1,821.00	1.58	320.32	1,819.17	51.88	-42.49	-52.12	0.25	-0.24	-2.52	
1,911.00	2.02	321.82	1,909.12	54.08	-44.26	-54.33	0.49	0.49	1.67	
1,979.00	2.29	321.82	1,977.07	56.09	-45.84	-56.35	0.40	0.40	0.00	
2,050.00	2.26	324.62	2,048.02	58.35	-47.53	-58.62	0.16	-0.04	3.94	
2,176.00	1.83	320.87	2,173.94	61.93	-50.23	-62.22	0.36	-0.34	-2.98	
2,301.00	3.68	303.31	2,298.79	65.68	-54.85	-66.00	1.61	1.48	-14.05	
2,426.00	3.37	295.29	2,423.55	69.46	-61.52	-69.81	0.47	-0.25	-6.42	
2,552.00	2.97	290.50	2,549.36	72.18	-67.93	-72.57	0.38	-0.32	-3.80	
2,678.00	3.45	325.53	2,675.17	76.45	-73.13	-76.87	1.58	0.38	27.80	
2,803.00	2.99	319.80	2,799.98	82.04	-77.36	-82.49	0.45	-0.37	-4.58	
2,930.00	2.77	351.90	2,926.83	87.61	-79.93	-88.07	1.26	-0.17	25.28	
3,056.00	2.28	343.23	3,052.70	93.02	-81.09	-93.49	0.49	-0.39	-6.88	
3,180.00	1.72	339.86	3,176.63	97.13	-82.44	-97.61	0.46	-0.45	-2.72	
3,306.00	4.52	335.05	3,302.43	103.41	-85.18	-103.90	2.23	2.22	-3.82	
3,432.00	3.59	331.45	3,428.11	111.38	-89.16	-111.89	0.76	-0.74	-2.86	
3,558.00	3.32	330.89	3,553.88	118.03	-92.82	-118.56	0.22	-0.21	-0.44	
3,685.00	3.20	327.79	3,680.68	124.24	-96.50	-124.80	0.17	-0.09	-2.44	
3,811.00	2.81	330.84	3,806.50	129.92	-99.88	-130.49	0.33	-0.31	2.42	
3,937.00	2.69	327.33	3,932.36	135.10	-102.98	-135.69	0.16	-0.10	-2.79	
4,064.00	2.54	325.36	4,059.23	139.93	-106.19	-140.54	0.14	-0.12	-1.55	
4,191.00	2.59	325.40	4,186.10	144.60	-109.42	-145.23	0.04	0.04	0.03	
4,316.00	2.34	323.39	4,310.98	148.98	-112.55	-149.62	0.21	-0.20	-1.61	
4,441.00	1.18	297.99	4,435.92	151.63	-115.21	-152.29	1.10	-0.93	-20.32	
4,566.00	2.47	289.85	4,560.86	153.15	-118.88	-153.83	1.05	1.03	-6.51	
4,692.00	4.15	297.91	4,686.64	156.20	-125.46	-156.92	1.38	1.33	6.40	
4,817.00	4.23	297.29	4,811.31	160.43	-133.55	-161.20	0.07	0.06	-0.50	
4,942.00	4.07	307.19	4,935.98	165.23	-141.18	-166.04	0.59	-0.13	7.92	
5,067.00	3.89	306.08	5,060.68	170.41	-148.14	-171.26	0.16	-0.14	-0.89	
5,193.00	3.65	305.26	5,186.41	175.24	-154.87	-176.13	0.20	-0.19	-0.65	
5,236.96	3.11	285.83	5,230.29	176.37	-157.16	-177.28	2.86	-1.23	-44.20	
HT 18 Fed 13H: KOP 5236.27' MD										
5,256.00	3.01	275.77	5,249.31	176.56	-158.16	-177.47	2.86	-0.52	-52.84	
5,319.00	4.67	203.59	5,312.19	174.38	-160.83	-175.30	7.49	2.63	-114.57	
5,382.00	7.38	180.69	5,374.85	167.98	-161.91	-168.91	5.67	4.30	-36.35	
5,446.00	10.98	178.76	5,438.02	157.77	-161.82	-158.70	5.64	5.62	-3.02	
5,509.00	15.70	171.47	5,499.31	143.34	-160.43	-144.26	7.94	7.49	-11.57	



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #13H
Project:	Lea County, NM (Nad-83/ NME)	TVD Reference:	RKB = 20' @ 3993.00usft (AKITA 57)
Site:	HT 18 Federal	MD Reference:	RKB = 20' @ 3993.00usft (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)
5,572.00	19.65	168.87	5,559.32	124.51	-157.12	-125.41	6.39	6.27	-4.13
5,635.00	22.06	171.23	5,618.19	102.42	-153.27	-103.30	4.05	3.83	3.75
5,698.00	25.87	176.43	5,675.76	76.99	-150.61	-77.86	6.91	6.05	8.25
5,760.00	30.13	179.20	5,730.49	47.92	-149.55	-48.78	7.18	6.87	4.47
5,821.00	33.43	179.53	5,782.34	15.80	-149.20	-16.66	5.42	5.41	0.54
5,881.00	36.92	180.42	5,831.37	-18.76	-149.19	17.90	5.88	5.82	1.48
5,940.00	40.53	181.15	5,877.39	-55.66	-149.71	54.79	6.17	6.12	1.24
6,001.00	43.45	182.45	5,922.73	-96.44	-151.00	95.57	4.99	4.79	2.13
6,061.00	47.01	181.89	5,964.98	-139.00	-152.61	138.12	5.97	5.93	-0.93
6,121.00	51.28	180.82	6,004.22	-184.36	-153.67	183.47	7.24	7.12	-1.78
6,182.00	54.58	180.40	6,040.98	-233.02	-154.18	232.13	5.44	5.41	-0.69
6,244.00	58.38	179.72	6,075.22	-284.70	-154.23	283.80	6.20	6.13	-1.10
6,275.00	60.98	179.52	6,090.86	-311.45	-154.05	310.56	8.41	8.39	-0.65
START TANGENT: 6275.00' MD/ 6090.83' TVD									
6,304.00	60.98	179.57	6,104.93	-336.81	-153.85	335.92	0.15	0.00	0.17
6,334.00	60.62	179.39	6,119.57	-363.00	-153.61	362.11	1.31	-1.20	-0.60
6,363.00	60.30	179.32	6,133.87	-388.23	-153.33	387.34	1.12	-1.10	-0.24
6,393.00	59.95	179.24	6,148.81	-414.24	-153.00	413.35	1.19	-1.17	-0.27
6,423.00	59.74	179.11	6,163.88	-440.18	-152.63	439.29	0.79	-0.70	-0.43
6,452.00	59.29	178.80	6,178.59	-465.16	-152.17	464.28	1.80	-1.55	-1.07
END TANGENT: 6452.00' MD/ 6178.55' TVD									
6,483.00	59.43	179.14	6,194.39	-491.83	-151.69	490.95	1.05	0.45	1.10
6,543.00	65.78	179.41	6,221.98	-545.07	-151.02	544.19	10.59	10.58	0.45
6,602.00	73.65	179.18	6,242.42	-600.36	-150.34	599.49	13.34	13.34	-0.39
6,663.00	81.02	179.52	6,255.79	-659.83	-149.67	658.96	12.09	12.08	0.56
6,723.00	86.04	181.68	6,262.55	-719.43	-150.30	718.55	9.10	8.37	3.60
6,751.80	87.73	181.92	6,264.11	-748.17	-151.20	747.29	5.94	5.89	0.82
FINAL FTP: 6751.80' MD									
6,752.27	87.76	181.92	6,264.13	-748.63	-151.21	747.75	5.94	5.89	0.82
HT 18 Fed 13H: FTP (100' FNL & 660' FWL)									
6,784.00	89.63	182.18	6,264.85	-780.34	-152.35	779.45	5.94	5.89	0.82
6,904.00	88.31	182.58	6,267.01	-900.21	-157.33	899.29	1.15	-1.10	0.33
7,027.00	87.25	182.01	6,271.77	-1,023.02	-162.25	1,022.07	0.98	-0.86	-0.46
7,153.00	87.50	179.03	6,277.54	-1,148.87	-163.40	1,147.91	2.37	0.20	-2.37
7,279.00	90.70	179.09	6,279.52	-1,274.82	-161.33	1,273.87	2.54	2.54	0.05
7,404.00	88.82	179.48	6,280.05	-1,399.80	-159.77	1,398.86	1.54	-1.50	0.31
7,530.00	90.17	178.25	6,281.16	-1,525.77	-157.27	1,524.84	1.45	1.07	-0.98
7,656.00	89.16	178.34	6,281.89	-1,651.71	-153.52	1,650.80	0.80	-0.80	0.07
7,741.00	88.72	178.40	6,283.47	-1,736.66	-151.11	1,735.76	0.52	-0.52	0.07
7,867.00	89.59	179.17	6,285.33	-1,862.61	-148.44	1,861.73	0.92	0.69	0.61
7,992.00	88.16	180.13	6,287.78	-1,987.58	-147.67	1,986.70	1.38	-1.14	0.77
8,118.00	89.00	181.12	6,290.90	-2,113.53	-149.05	2,112.64	1.03	0.67	0.79
8,244.00	89.67	181.14	6,292.36	-2,239.50	-151.53	2,238.59	0.53	0.53	0.02
8,370.00	89.67	179.35	6,293.09	-2,365.49	-152.07	2,364.58	1.42	0.00	-1.42



Survey Report



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Project:	Lea County, NM (Nad-83/ NME)	TVD Reference:	RKB = 20' @ 3993.00usft (AKITA 57)
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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)
8,495.00	90.51	180.17	6,292.89	-2,490.49	-151.55	2,489.57	0.94	0.67	0.66
8,619.00	89.17	179.60	6,293.24	-2,614.48	-151.30	2,613.57	1.17	-1.08	-0.46
8,744.00	88.35	178.54	6,295.94	-2,739.44	-149.27	2,738.53	1.07	-0.66	-0.85
8,870.00	89.08	179.38	6,298.77	-2,865.38	-146.98	2,864.49	0.88	0.58	0.67
8,996.00	88.52	178.46	6,301.41	-2,991.33	-144.61	2,990.45	0.85	-0.44	-0.73
9,121.00	89.06	178.55	6,304.05	-3,116.26	-141.35	3,115.39	0.44	0.43	0.07
9,246.00	89.50	178.92	6,305.62	-3,241.22	-138.59	3,240.37	0.46	0.35	0.30
9,371.00	89.62	178.91	6,306.58	-3,366.19	-136.22	3,365.35	0.10	0.10	-0.01
9,497.00	90.21	179.77	6,306.77	-3,492.18	-134.77	3,491.35	0.83	0.47	0.68
9,623.00	88.86	179.29	6,307.79	-3,618.17	-133.74	3,617.34	1.14	-1.07	-0.38
9,749.00	89.67	179.60	6,309.41	-3,744.15	-132.52	3,743.33	0.69	0.64	0.25
9,875.00	87.65	180.28	6,312.35	-3,870.11	-132.38	3,869.28	1.69	-1.60	0.54
10,000.00	88.21	180.57	6,316.87	-3,995.02	-133.31	3,994.19	0.50	0.45	0.23
10,124.00	88.89	181.07	6,320.00	-4,118.97	-135.09	4,118.12	0.68	0.55	0.40
10,250.00	89.70	181.66	6,321.56	-4,244.92	-138.09	4,244.06	0.80	0.64	0.47
10,375.00	90.29	181.99	6,321.57	-4,369.86	-142.07	4,368.97	0.54	0.47	0.26
10,501.00	88.24	180.92	6,323.18	-4,495.80	-145.27	4,494.89	1.84	-1.63	-0.85
10,626.00	88.27	178.46	6,326.99	-4,620.73	-144.59	4,619.82	1.97	0.02	-1.97
10,751.00	89.56	179.40	6,329.36	-4,745.68	-142.26	4,744.78	1.28	1.03	0.75
10,877.00	90.03	177.78	6,329.81	-4,871.64	-139.16	4,870.76	1.34	0.37	-1.29
11,003.00	92.05	178.51	6,327.52	-4,997.55	-135.08	4,996.68	1.70	1.60	0.58
11,128.00	91.26	178.76	6,323.91	-5,122.46	-132.10	5,121.61	0.66	-0.63	0.20
11,255.00	87.93	180.26	6,324.81	-5,249.43	-131.02	5,248.59	2.88	-2.62	1.18
11,380.00	89.39	180.81	6,327.73	-5,374.38	-132.18	5,373.53	1.25	1.17	0.44
11,506.00	88.37	181.66	6,330.19	-5,500.33	-134.90	5,499.46	1.05	-0.81	0.67
11,632.00	87.84	180.31	6,334.36	-5,626.24	-137.06	5,625.35	1.15	-0.42	-1.07
11,757.00	89.25	181.00	6,337.53	-5,751.18	-138.49	5,750.29	1.26	1.13	0.55
11,822.00	89.92	181.21	6,338.01	-5,816.17	-139.75	5,815.27	1.08	1.03	0.32
11,834.53	89.92	181.21	6,338.02	-5,828.70	-140.01	5,827.80	0.00	0.00	0.00
HT 18 Fed 13H: LTP (100' FSL & 660' FWL)									
11,834.75	89.92	181.21	6,338.02	-5,828.92	-140.01	5,828.01	0.00	0.00	0.00
FINAL LTP: 11834.75' MD									
11,880.00	89.92	181.21	6,338.09	-5,874.16	-140.97	5,873.25	0.00	0.00	0.00
Projection to Bit: 11880.00' MD/ 6338.09' TVD - Final Station Closure Distance= 5875.85 /Direction= 181.37 - TD: Latitude									



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #13H
Project:	Lea County, NM (Nad-83/ NME)	TVD Reference:	RKB = 20' @ 3993.00usft (AKITA 57)
Site:	HT 18 Federal	MD Reference:	RKB = 20' @ 3993.00usft (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 FTP: 100' FNL, - actual wellpath hits target center - Point	0.00	0.00	6,264.11	-748.17	-151.20	670,327.13	701,350.80	32.841670	-103.812329
FINAL LTP: 100' FSL, - actual wellpath hits target center - Point	0.00	0.00	6,338.02	-5,828.92	-140.01	665,246.38	701,361.98	32.827705	-103.812374
FINAL BIT PROJ/TD: - actual wellpath hits target center - Point	0.00	0.00	6,338.09	-5,874.16	-140.97	665,201.15	701,361.03	32.827581	-103.812378

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
6,275.00	6,090.86	-311.45	-154.05	START TANGENT: 6275.00' MD/ 6090.83' TVD
6,452.00	6,178.59	-465.16	-152.17	END TANGENT: 6452.00' MD/ 6178.55' TVD
6,751.80	6,264.11	-748.17	-151.20	FINAL FTP: 6751.80' MD
11,834.75	6,338.02	-5,828.92	-140.01	FINAL LTP: 11834.75' MD
11,880.00	6,338.09	-5,874.16	-140.97	Projection to Bit: 11880.00' MD/ 6338.09' TVD
11,880.00	6,338.09	-5,874.16	-140.97	Final Station Closure Distance= 5875.85 /Direction= 181.37
11,880.00	6,338.09	-5,874.16	-140.97	TD: Latitude= 32.827581 / Longitude= -103.812378
11,880.00	6,338.09	-5,874.16	-140.97	TD: Y= 665201.14 / X= 701361.03

Checked By: _____ Approved By: _____ Date: _____



Company: Spur Energy Partners, LLC
Project: Lea County, NM (Nad-83/ NME)
Site: HT 18 Federal
Well: #13H
Wellbore: OH
Rig: AKITA 57
Design: PLAN #3 / 9:32, August 31 2022

WELL DETAILS: #13H

RKB = 20' @ 3993.00usft (AKITA 57)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	671075.30	701502.00	32.843724	-103.811825

PROJECT DETAILS: Lea 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

SECTION DETAILS

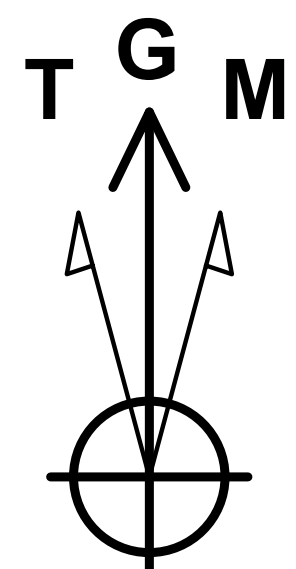
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	
3	437.36	2.75	320.76	437.31	2.55	-2.08	2.00	-2.56	
4	5236.27	2.75	320.76	5230.70	180.69	-147.59	0.00	-181.54	
5	6272.13	60.00	179.67	6093.29	-296.34	-162.19	6.00	295.40	
6	6472.13	60.00	179.67	6193.29	-469.54	-161.20	0.00	468.61	
7	6764.31	89.22	179.67	6270.00	-748.20	-159.60	10.00	747.27	HT 18 Fed 13H: FTP (100' FNL & 660' FWL)
8	11845.57	89.22	179.67	6339.32	-5828.90	-130.49	0.00	5828.05	HT 18 Fed 13H: LTP (100' FSL & 660' FWL)
9	11895.57	89.22	179.67	6340.00	-5878.90	-130.20	0.00	5878.05	HT 18 Fed 13H: PBHL (50' FSL & 660' FWL)

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
HT 18 Fed 13H: SHL (648' FSL & 824' FWL)	0.00	0.00	0.00	671075.30	701502.00	32.843724	-103.811825
HT 18 Fed 13H: KOP 5236.27' MD	5230.70	180.69	-147.59	671255.99	701354.41	32.844223	-103.812302
HT 18 Fed 13H: FTP (100' FNL & 660' FWL)	6270.00	-748.20	-159.60	670327.10	701342.40	32.841670	-103.812356
HT 18 Fed 13H: LTP (100' FSL & 660' FWL)	6339.32	-5828.90	-130.50	665246.40	701371.50	32.827705	-103.812343
HT 18 Fed 13H: PBHL (50' FSL & 660' FWL)	6340.00	-5878.90	-130.20	665196.40	701371.80	32.827568	-103.812343

CORRECTION REFERENCE DATA:

To convert a Magnetic Direction to a Grid Direction, Add 6.295°
To convert a True Direction to a Grid Direction, Subtract 0.283°
To convert a Magnetic Direction to a True Direction, Add 6.578° East
Magnetic Declination: 6.578°
Grid Convergence: 0.283° West
Magnetic Dip Angle: 60.390°
Magnetic Field Strength: 47716.93621149nT



Azimuths to Grid North
True North: -0.28°
Magnetic North: 6.29°

Magnetic Field
Strength: 47716.9snT
Dip Angle: 60.39°
Date: 07/19/2022
Model: IGRF2020

Start Build 2.00

Start DLS 6.00 TFO -142.029

HT 18 Fed 13H: KOP 5236.27' MD

START TANGENT: 6275.00' MD/ 6090.83' TVD

END TANGENT: 6452.00' MD/ 6178.55' TVD

FINAL FTP: 6751.80' MD

FINAL FTP: 100' FNL, 668' FWL

HT 18 Fed 13H: FTP (100' FNL & 660' FWL)

FINAL LTP: 11834.75' MD

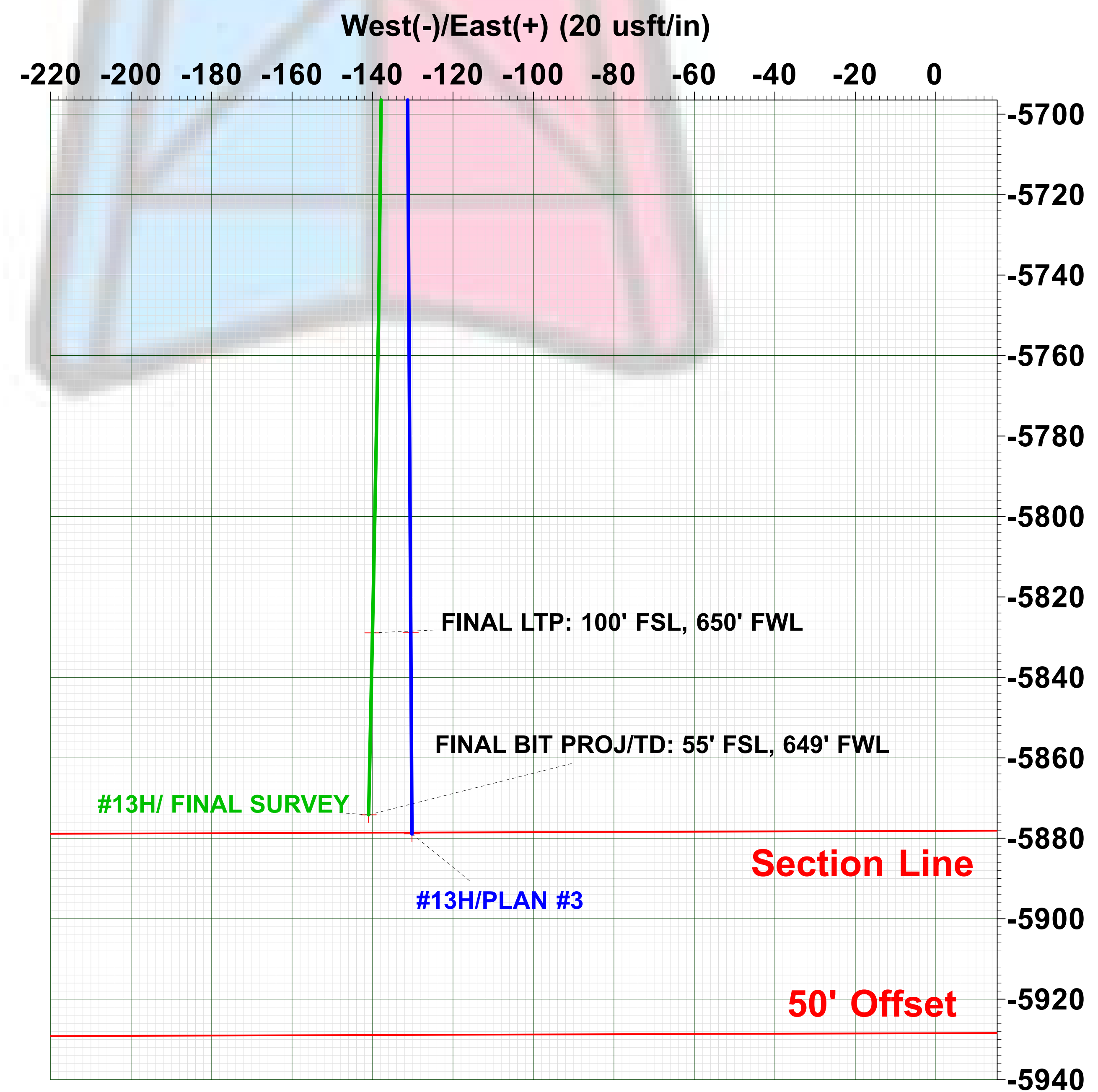
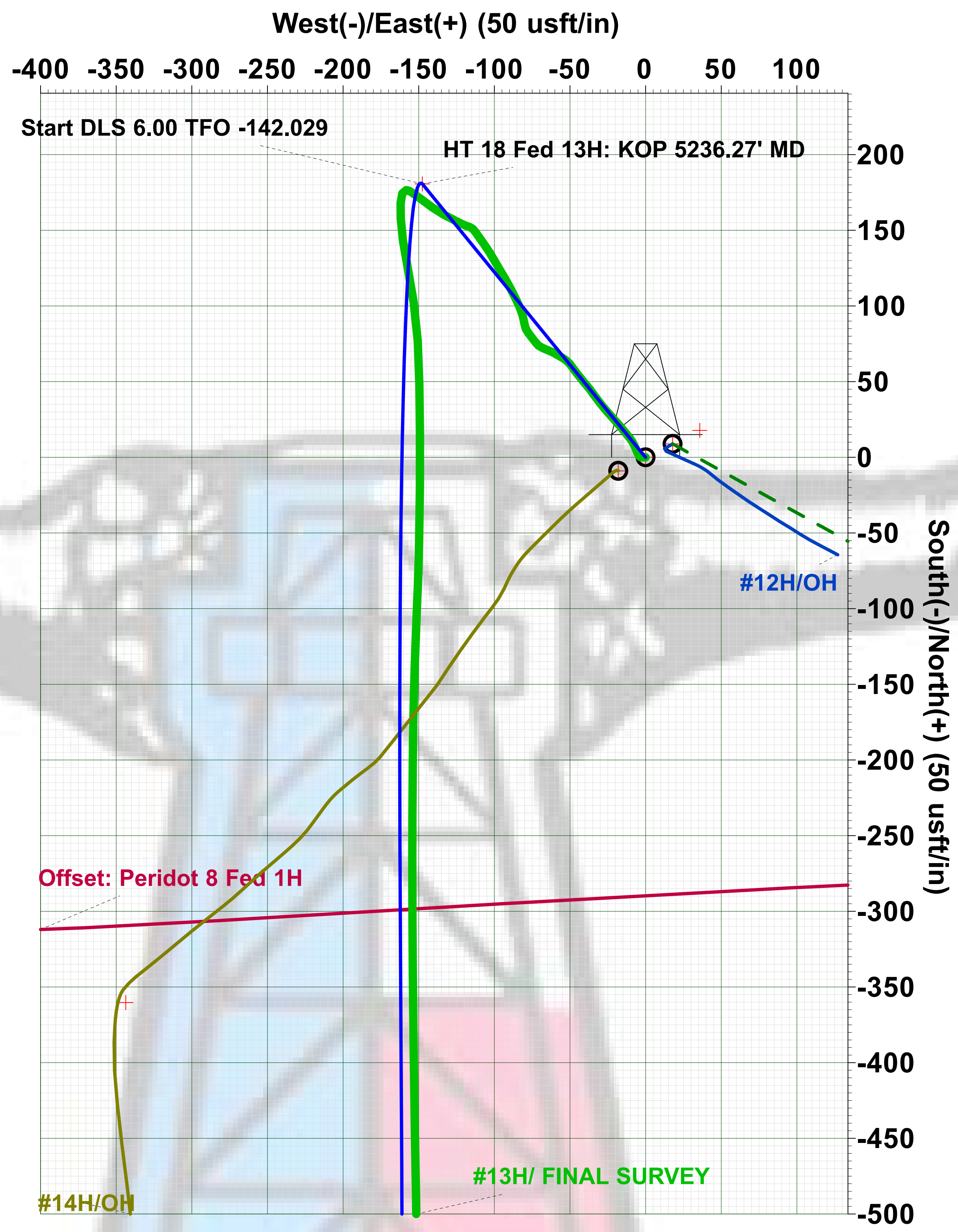
Projection to Bit: 11880.00' MD/ 6338.09' TVD

Final Station Closure Distance= 5875.85 /Direction= 181.37

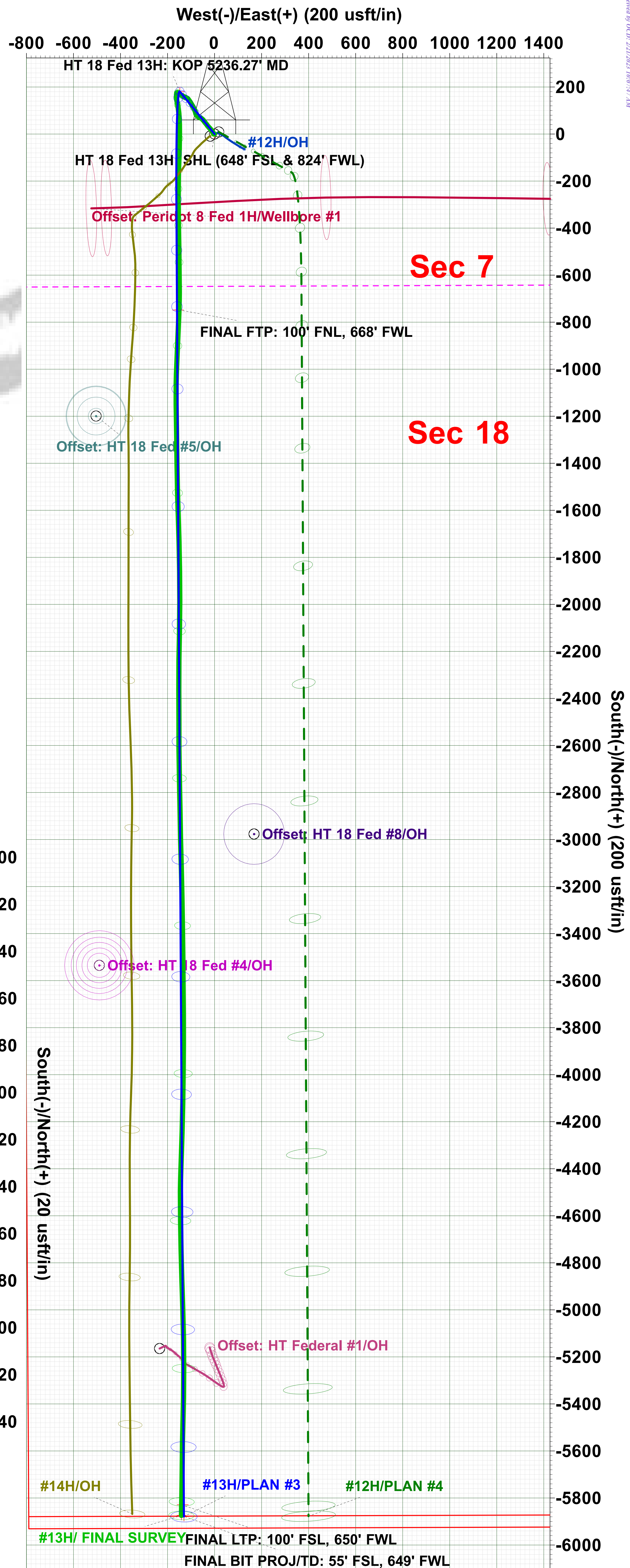
TD: Latitude= 32.827581 / Longitude= -103.812378

TD: Y= 665201.14 / X= 701361.03

#13H/ FINAL SURVEY



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



Plan: PLAN #3 (#13H/OH) AKITA 57

Created By: Derek Stephens Date: 9:39, August 31 2022

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

Well Name: HT 18 FEDERAL	Well Location: T17S / R32E / SEC 7 / LOT 4 /	County or Parish/State: /
Well Number: 13H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC060329	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549322	Well Status: Drilling Well	Operator: SPUR ENERGY PARTNERS LLC

Subsequent Report

Sundry ID: 2697802

Type of Submission: Subsequent Report

Date Sundry Submitted: 10/12/2022

Date Operation Actually Began: 09/23/2022

Type of Action: Hydraulic Fracturing

Time Sundry Submitted: 01:25

Actual Procedure: 09/23/2022 RIH & cleanout to PBTD @ 11835'. RIH & perf from 6759'-11813', total shots 900/ft @ 0.42 shot size. Frac in 25 stages w/ 295770bbl slickwater and 5000579# sand. 10/01/2022 rig down wireline and cleanout. Will file tbg sundry once in hole.

Well Name: HT 18 FEDERAL	Well Location: T17S / R32E / SEC 7 / LOT 4 /	County or Parish/State: /
Well Number: 13H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC060329	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549322	Well Status: Drilling Well	Operator: SPUR ENERGY PARTNERS LLC

Operator

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

Operator Electronic Signature: SARAH CHAPMAN	Signed on: OCT 12, 2022 01:25 PM
Name: SPUR ENERGY PARTNERS LLC	
Title: Regulatory Directory	
Street Address: 9655 KATY FREEWAY, SUITE 500	
City: Houston	State: TX
Phone: (832) 930-8613	
Email address: SCHAPMAN@SPUREPLLC.COM	

Field

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: 10/19/2022
Signature: Jonathon Shepard	

Well Name: HT 18 FEDERAL	Well Location: T17S / R32E / SEC 7 / LOT 4 /	County or Parish/State: /
Well Number: 13H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC060329	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549322	Well Status: Drilling Well	Operator: SPUR ENERGY PARTNERS LLC

Subsequent Report

Sundry ID: 2700389

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 10/31/2022	Time Sundry Submitted: 07:40
Date Operation Actually Began: 10/30/2022	

Actual Procedure: RIH w/ 3-1/2" J-55 tbg @ 6477'.

Operator

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

Operator Electronic Signature: SARAH CHAPMAN	Signed on: OCT 31, 2022 07:40 AM
Name: SPUR ENERGY PARTNERS LLC	
Title: Regulatory Directory	
Street Address: 9655 KATY FREEWAY, SUITE 500	
City: Houston	State: TX
Phone: (832) 930-8613	
Email address: SCHAPMAN@SPUREPLLC.COM	

Field

Representative Name:

Street Address:

City:	State:	Zip:
Phone:		
Email address:		

Well Name: HT 18 FEDERAL	Well Location: T17S / R32E / SEC 7 / LOT 4 /	County or Parish/State: /
Well Number: 13H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC060329	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549322	Well Status: Drilling Well	Operator: SPUR ENERGY PARTNERS LLC

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: 11/09/2022
Signature: Jonathon Shepard	



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

02/21/2023

Operator Name SPUR ENERGY PARTNERS LLC	Well Name HT 18 FEDERAL	Well Number 13H	US Well Number 3002549322
SHL	County	State	Lease Number(s) NMLC060329
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name HT 18 FEDERAL	Well Pad Number 11H, 12H, 13H, 14H	ID 10400066941

Section 1 - General

Well Completion Report Id: 87275**Submission Date:** 02-21-2023**BLM Office:** Carlsbad Field Office**User:** SARAH CHAPMAN**Title:** Regulatory Directory**Federal/Indian:** FEDERAL**Lease Number:** NMLC060329**Lease Acres:****Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Keep this Well Completion Report confidential?:** NO**APD Operator:** SPUR ENERGY PARTNERS LLC

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** GLORIETA-YESO, EAST**Field Name:** FREN**Well Type:** OIL WELL**Spud Date:** 06-17-2022**Date Total Measured Depth Reached:** 08-30-2022**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
QUATERNARY	DOLOMITE, OTHER	CALICHE	3973	0	0	USEABLE WATER	
RUSTLER	ANHYDRITE, DOLOMITE, SHALE		3613	360	360	OTHER	SALT

Operator Name SPUR ENERGY PARTNERS LLC	Well Name HT 18 FEDERAL	Well Number 13H	US Well Number 3002549322
SHL	County	State	Lease Number(s) NMLC060329
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name HT 18 FEDERAL	Well Pad Number 11H, 12H, 13H, 14H	ID 10400066941

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
TOP SALT	ANHYDRITE		3443	530	530	OTHER	SALT
BASE OF SALT	ANHYDRITE		2923	1050	1050	OTHER	SALT
TANSILL	DOLOMITE, LIMESTONE		2038	1935	1935	NONE	
YATES	DOLOMITE, LIMESTONE, SHALE, SILTSTONE		1933	2040	2100	OTHER	SALT
SEVEN RIVERS	DOLOMITE, LIMESTONE		1598	2375	2400	OTHER	SALT
SAN ANDRES	DOLOMITE, LIMESTONE		1143	2830	3000	NATURAL GAS, OIL	
QUEEN	ANHYDRITE, DOLOMITE, SANDSTONE		973	3000	3050	OTHER, USEABLE WATER	SALT
SAN ANDRES LOWER	DOLOMITE, LIMESTONE		188	3785	3950	NATURAL GAS, OIL	
GLORIETA	DOLOMITE, SILTSTONE		-242	4215	4400	NATURAL GAS, OIL	
YESO	DOLOMITE		-327	4300	6000	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
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Operator Name SPUR ENERGY PARTNERS LLC	Well Name HT 18 FEDERAL	Well Number 13H	US Well Number 3002549322
SHL	County	State	Lease Number(s) NMLC060329
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name HT 18 FEDERAL	Well Pad Number 11H, 12H, 13H, 14H	ID 10400066941

Completion Data

Status of Interval	Number of Holes	Perforation Size	Interval Perforated?	Interval Bottom (MD)	Interval Top (MD)	Formation	Date First Produced	Date Completed	Completion Status	Describe Well Completion Type	Well Completion Type	Lease Number	Case Number	Interval Number	Completion Code	Wellbore Code
OPEN	900	.42	Y	11813	6759	PADDOCK	10-31-2022	10-31-2022	DRG		NEW	NMLC060329	NMLC060329	1	X1	00

Treatment Data

Treatment Remarks	Total Proppant (lbs)	Tottle Fluid (bbls)	Treatment Type	Interval Treated?	Interval Number	Completion Code	Wellbore Code
	5000579	295770	FRAC	Y	1	X1	00

Production Data

Describe Disposition	Disposition of Gas	Describe Production	Production Method	Gas Gravity	API Oil Gravity	Interval Number	Completion Code	Wellbore Code
	SOLD		ELECTRIC PUMP SUB-SURFACE			1	X1	00

Test Data

Casing Pressure (psi)	Tubing Pressure Shut-in (psi)	Tubing Pressure	Choke Size	Gas-Oil Ratio (SCF/Bbl)	24-Hour Rate Water(BWPD)	24-Hour Rate Gas (MCF)	24-Hour Rate Oil (bbls)	Hours Tested	Test Date	Interval Number	Completion Code	Wellbore Code

Operator Name SPUR ENERGY PARTNERS LLC	Well Name HT 18 FEDERAL	Well Number 13H	US Well Number 3002549322
SHL	County	State	Lease Number(s) NMLC060329
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name HT 18 FEDERAL	Well Pad Number 11H, 12H, 13H, 14H	ID 10400066941

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	X1	1	11/04/2022	24	543	556	2287	1023		185		112

Well Location

Survey Type: RECTANGULAR

Survey Number: 19680

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.843724	-103.8118246	3973	FEDERAL	NMLC060329				648	FSL	824	FWL	17S	32E	7	Lot 4
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.844245	-103.81259	-1115	FEDERAL	NMLC060329				836	FSL	660	FWL	17S	32E	7	Lot 4
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.8416489	-103.8122301	-2157	FEDERAL	NMLC060329				108	FNL	668	FWL	17S	32E	18	Lot 1
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.841953	-103.812692	-2157	FEDERAL	NMLC060329				1	FNL	660	FWL	17S	32E	18	Lot 1
EXIT Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.8277649	-103.8123726	-2157	FEDERAL	NMLC060329				122	FSL	651	FWL	17S	32E	18	Lot 4

Operator Name SPUR ENERGY PARTNERS LLC	Well Name HT 18 FEDERAL	Well Number 13H	US Well Number 3002549322
SHL	County	State	Lease Number(s) NMLC060329
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name HT 18 FEDERAL	Well Pad Number 11H, 12H, 13H, 14H	ID 10400066941

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
BHL Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.8275808	-103.812378	-2365	FEDERAL	NMLC060329	6338	11835		55	FSL	650	FWL	17S	32E	18	Lot 4

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	457	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	2022	9.625	36	J-55		BUTT		
00	PRODUCT ION	8.75	0	6549	7.0	32	L-80		OTHER	BK-HT	
00	PRODUCT ION	8.75	6549	11880	5.5	20	L-80		OTHER	BK-HT	

Operator Name SPUR ENERGY PARTNERS LLC	Well Name HT 18 FEDERAL	Well Number 13H	US Well Number 3002549322
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Allottee/Tribe Name	Well Pad Name HT 18 FEDERAL	Well Pad Number 11H, 12H, 13H, 14H	ID 10400066941

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Class C Premium Plus	444	2.32	0					183.5
00	INTERMEDIATE		Class C Premium Plus	375	1.84	0	Class C Premium Plus	160	2.32	450	189
00	PRODUCTION		Class C Premium Plus Cement	220	2.54	0	Class C Premium Plus Cement	1765	1.81	5400	2674
00	PRODUCTION		Class C Premium Plus	220	2.54	0	Class C Premium Plus	1765	1.81	5400	2674

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	3.5		6477			J-55			

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator Name SPUR ENERGY PARTNERS LLC	Well Name HT 18 FEDERAL	Well Number 13H	US Well Number 3002549322
SHL	County	State	Lease Number(s) NMLC060329
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name HT 18 FEDERAL	Well Pad Number 11H, 12H, 13H, 14H	ID 10400066941

Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: SPUR ENERGY PARTNERS LLC

Signed By: SARAH CHAPMAN

Title: Regulatory Directory

Signed on: 02/21/2023

Street Address: 9655 KATY FREEWAY, SUITE 500

City: Houston

State: TX

Zip: 77024

Phone: (832)930-8613

Email address: SCHAPMAN@SPUREPLLC.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

FINAL_HT_18_Federal__13H_5MD_20230201093228.tiff

HT_18_Fed_13H_Direct_Cert_20230201093237.pdf

HT_18_Fed_13H_Direct_Plan_20230201093237.pdf

HT_18_Fed_13H_Direct_Plot_20230201093237.pdf

HT_18_Fed_13H_As_Drilled_20230221094508.pdf

Operator Name SPUR ENERGY PARTNERS LLC	Well Name HT 18 FEDERAL	Well Number 13H	US Well Number 3002549322
SHL	County	State	Lease Number(s) NMLC060329
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name HT 18 FEDERAL	Well Pad Number 11H, 12H, 13H, 14H	ID 10400066941

Visio_HT_Fed_13H_WBD_20230221094515.pdf

HT 18 Federal 13H
Lea County, NM
API# 30-025-49322

SPUD DATE: 6/17/2022
ELEV: 3973' GR, 20' KB

CURRENT WBD

13-3/8" 54.5# J-55 BTC Csg @ 457'
CMT W/ 665 SX 14.8 PPG, 1.33 CUFT/
SK) CLASS C CEMENT
CIRC 105 BBLS TO SURF, TOC @ SURF

TUBING DETAIL
3-½" 9.3# J-55 EUE 8RD POLY-LINED TUBING
ESP ASSEMBLY
INTAKE @ 6,419'
PIP SENSOR @ 6,470'
EOT @ 6,477'

9-5/8" 36# J-55 BTC Csg @ 2,022'
CMT W/ 375 SX LEAD (12 PPG, 2.38
CUFT/SK) & 160 SX 13.5 PPG, 1.73
CUFT/SK) CLASS C CEMENT
CIRC 80 BBLS TO SURF, TOC @ SURF

7" 32# L-80 BK-HT Csg @ 6,549'
5-½" 20# L-80 BK-HT Csg @ 11,880'
CMT W/ 220 SX LEAD (11.4 PPG, 2.39
CUFT/SK) & 1765 SX TAIL (13.2 PPG, 1.4
CUFT/SK) CLASS C CEMENT
CIRC 53 BBLS TO SURF, TOC @ SURF

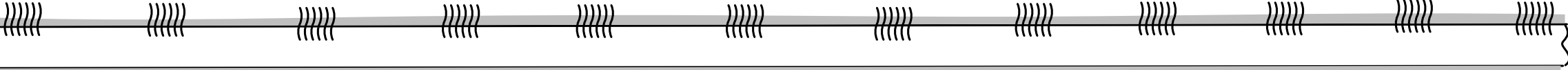
CROSS OVER FROM 7" TO
5-½" CSG @ 6,549'

KOP @ 5,236'

TOP PERF @ 6,759'

LOWER BLINEBERRY COMPLETION
PERF & FRAC IN 25 STAGES F/ 6,759'-11,813'
3-1/8" GUNS, 0.42 EHD, 60 DEG, 6 CLUSTERS/STG,
4 SHOTS/CLUSTER, 600 TOTAL HOLES,
20,072 GALS 15% HCL, 285,147 BBLS FR WATER,
4,479 BBLS TREATED WTR, 2,243,617# 100 MESH,
505,638# 20/40 PREMIUM WHITE, 2,251,324# 40/
70 PERMIAN

BOTTOM PERF @ 11,813'



TD (MD) @ 11,880'
TD (TVD) @ 6,338'
PBTD @ 11,835' MD

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

ACKNOWLEDGMENTS

Action 188612

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 188612
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 188612

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 188612
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	7/17/2025