

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address SPUR ENERGY PARTNERS LLC 9655 KATY FREEWAY, SUITE 500 HOUSTON, TX 77024		² OGRID Number 328947
		³ Reason for Filing Code/ Effective Date NW / 01/10/2022
⁴ API Number 30 - 0 15-48107	⁵ Pool Name LOCO HILLS; GLORIETA-YESO	
⁷ Property Code 325889	⁸ Property Name POSEIDON 3 FEDERAL	
		⁶ Pool Code 325889
		⁹ Well Number 27H

II. ¹⁰ Surface Location

UL or lot no. I	Section 4	Township 17S	Range 30E	Lot Idn	Feet from the 1560	North/South Line SOUTH	Feet from the 775	East/West line EAST	County EDDY
¹¹ Bottom Hole Location FTP: 793' FSL 108' FWL LTP: 783' FSL 156' FEL									
UL or lot no. P	Section 3	Township 17S	Range 30E	Lot Idn	Feet from the 785	North/South line SOUTH	Feet from the 51	East/West line EAST	County EDDY
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 08/13/2021	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 04/03/2021	²² Ready Date 08/11/2021	²³ TD 4805'V/10453'M	²⁴ PBDT 4805'V/10453'M	²⁵ Perforations 5332'-10348'	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		418'	360 SXS (CIRC TO SURFACE)
12-1/4"		9-5/8" 36# J-55 BTC		1720'	455 SXS (CIRC TO SURFACE)
8-3/4"		7" 32# L-80 BK-HT 5-1/2" 20# L-80 BK-HT		5126' 10450'	1510 SXS (CIRC TO SURFACE)
		3-1/2" J-55 tbg		4965'	

V. Well Test Data

³¹ Date New Oil 08/13/2021	³² Gas Delivery Date 08/13/2021	³³ Test Date 09/02/2021	³⁴ Test Length 24-HOURS	³⁵ Tbg. Pressure 160	³⁶ Csg. Pressure 100
³⁷ Choke Size N/A	³⁸ Oil 630	³⁹ Water 2064	⁴⁰ Gas 624		⁴¹ Test Method PUMPING
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@SPUREPLLC.COM			Approval Date: <i>4/14/2022</i>		
Date: 01/10/2022		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 30-015-48107	² Pool Code 96718	³ Pool Name LOCO HILLS; GLORIETA-YESO
⁴ Property Code 325889	⁵ Property Name POSEIDON 3 FED	⁶ Well Number 27H
⁷ OGRID NO. 328947	⁸ Operator Name SPUR ENERGY PARTNERS LLC.	⁹ Elevation 3713'

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
I	4	17S	30E		1560	SOUTH	775	EAST	EDDY

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
P	3	17S	30E		785	SOUTH	51	EAST	EDDY

¹² Dedicated Acres 320	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.

¹⁶ <u>GEODETIC DATA</u> NAD 83 GRID - NM EAST <u>SURFACE LOCATION (SL)</u> N: 677001.8 - E: 652631.2 LAT: 32.8605755° N LONG: 103.9708825° W <u>FIRST TAKE POINT (FTP)</u> 793' FSL & 108' FWL - SEC 3 N: 676236.5 - E: 653516.4 LAT: 32.8584637° N LONG: 103.9680082° W MD: 5332 - TVD: 4764.1 <u>LAST TAKE POINT (LTP)</u> 783' FSL & 156' FEL - SEC 3 N: 676236.9 - E: 658531.3 LAT: 32.8584160° N LONG: 103.9516770° W MD: 10348 - TVD: 4801.8 <u>BOTTOM HOLE (BH)</u> N: 676239.1 - E: 658636.2 LAT: 32.8584211° N LONG: 103.9513352° W MD: 10453.0 - TVD: 4805.5 <u>CORNER DATA</u> NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1916" N: 675436.4 - E: 648128.9 B: FOUND BRASS CAP "1916" N: 678076.6 - E: 648121.2 C: FOUND BRASS CAP "1916" N: 680696.5 - E: 648110.9 D: FOUND BRASS CAP "1916" N: 680704.7 - E: 650751.6 E: FOUND BRASS CAP "1916" N: 680713.3 - E: 653392.4 F: FOUND BRASS CAP "1916" N: 680722.0 - E: 656032.0 G: FOUND BRASS CAP "1916" N: 680729.8 - E: 658673.7 H: FOUND BRASS CAP "1916" N: 678091.2 - E: 658681.2 I: FOUND BRASS CAP "1916" N: 675454.6 - E: 658689.2 J: FOUND BRASS CAP "1916" N: 675443.0 - E: 653411.2 K: FOUND BRASS CAP "1916" N: 675440.1 - E: 650770.1 L: FOUND BRASS CAP "1916" N: 678082.1 - E: 653402.4	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>Sarah Chapman</i> 08/10/2021 Signature Date SARAH CHAPMAN Printed Name SCHAPMAN@SPUREPLLC.COM E-mail Address
	¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> 05-13-2021 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number LS20090412AD



Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

Poseidon 3 Fed

#27H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

13 May, 2021





Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #27H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3733.00usft (Akita 57)
Site:	Poseidon 3 Fed	MD Reference:	RKB = 20' @ 3733.00usft (Akita 57)
Well:	#27H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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	Poseidon 3 Fed		
Site Position:		Northing:	677,001.80 usft
From:	Map	Easting:	652,651.20 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.8605754
		Longitude:	-103.9708173
		Grid Convergence:	0.197 °

Well	#27H		
Well Position	+N/-S	0.00 usft	Northing: 677,001.80 usft
	+E/-W	0.00 usft	Easting: 652,631.20 usft
Position Uncertainty	0.00 usft		Wellhead Elevation: usft
			Latitude: 32.8605756
			Longitude: -103.9708824
			Ground Level: 3,713.00 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2020	5/17/2021	6.791
			Dip Angle (°) 60.421
			Field Strength (nT) 47,834.66867480

Design	Wellbore #1		
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 (°) 89.87

Survey Program	Date 5/13/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
20.00	418.00	INVICTUS TOOLS (Wellbore #1)	MWD+IGRF
528.00	10,453.00	Survey #2 (Wellbore #1)	MWD+IGRF
			Description
			OWSG MWD + IGRF or WMM
			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
OFFSET: LEONARD-FEDER E 14/ TD: 3121' MD - OFFSET: LEONARD-FEDER E 16/ TD: 3125' MD - PLAT Poseidon#27H:									
20.00	0.00	359.80	20.00	0.00	0.00	0.00	0.00	0.00	0.00
133.00	0.90	11.62	133.00	0.87	0.18	0.18	0.80	0.80	0.00
161.00	0.70	57.62	160.99	1.18	0.37	0.37	2.33	-0.71	164.29
188.00	0.60	33.62	187.99	1.38	0.59	0.59	1.06	-0.37	-88.89
216.00	0.70	19.62	215.99	1.67	0.72	0.73	0.67	0.36	-50.00
308.00	0.80	2.62	307.98	2.84	0.94	0.95	0.26	0.11	-18.48
371.00	1.60	321.62	370.97	3.97	0.42	0.42	1.79	1.27	-65.08
403.00	1.70	312.62	402.96	4.64	-0.21	-0.20	0.87	0.31	-28.12



Survey Report



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Site:	Poseidon 3 Fed	MD Reference:	RKB = 20' @ 3733.00usft (Akita 57)
Well:	#27H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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)
418.00	2.20	322.62	417.95	5.02	-0.55	-0.54	4.02	3.33	66.67
528.00	1.71	272.38	527.89	6.76	-3.47	-3.46	1.56	-0.45	-45.67
1st WBDS MWD: 528.00' MD/ 527.89' TVD									
649.00	3.96	224.30	648.75	3.85	-8.19	-8.19	2.55	1.86	-39.74
768.00	7.34	214.81	767.15	-5.34	-15.41	-15.42	2.94	2.84	-7.97
889.00	9.80	201.89	886.81	-21.24	-23.66	-23.71	2.57	2.03	-10.68
1,011.00	11.47	183.78	1,006.74	-42.99	-28.33	-28.43	3.05	1.37	-14.84
1,131.00	12.26	179.83	1,124.18	-67.64	-29.08	-29.23	0.94	0.66	-3.29
1,251.00	12.04	177.45	1,241.49	-92.88	-28.49	-28.70	0.46	-0.18	-1.98
1,377.00	11.69	177.10	1,364.80	-118.76	-27.26	-27.52	0.28	-0.28	-0.28
1,503.00	10.81	176.14	1,488.37	-143.30	-25.81	-26.14	0.71	-0.70	-0.76
1,629.00	12.35	186.59	1,611.82	-168.47	-26.57	-26.95	2.06	1.22	8.29
1,663.00	12.35	187.74	1,645.03	-175.69	-27.47	-27.87	0.72	0.00	3.38
1,771.00	12.13	187.56	1,750.58	-198.38	-30.52	-30.97	0.21	-0.20	-0.17
1,897.00	11.87	186.42	1,873.82	-224.38	-33.71	-34.22	0.28	-0.21	-0.90
2,023.00	11.96	186.24	1,997.11	-250.24	-36.58	-37.15	0.08	0.07	-0.14
2,149.00	12.09	186.07	2,120.35	-276.34	-39.39	-40.02	0.11	0.10	-0.13
2,304.00	12.79	191.87	2,271.71	-309.27	-44.64	-45.34	0.92	0.45	3.74
2,430.00	13.36	182.55	2,394.46	-337.47	-48.16	-48.92	1.73	0.45	-7.40
2,556.00	13.27	181.94	2,517.07	-366.46	-49.29	-50.12	0.13	-0.07	-0.48
2,682.00	13.27	181.94	2,639.71	-395.37	-50.27	-51.17	0.00	0.00	0.00
2,808.00	13.54	182.38	2,762.27	-424.56	-51.37	-52.34	0.23	0.21	0.35
2,934.00	13.85	181.85	2,884.69	-454.37	-52.47	-53.50	0.27	0.25	-0.42
3,060.00	14.37	182.20	3,006.89	-485.06	-53.56	-54.66	0.42	0.41	0.28
3,186.00	12.92	182.38	3,129.33	-514.76	-54.75	-55.91	1.15	-1.15	0.14
3,312.00	12.79	181.67	3,252.17	-542.78	-55.74	-56.97	0.16	-0.10	-0.56
3,438.00	12.84	181.76	3,375.03	-570.71	-56.57	-57.87	0.04	0.04	0.07
3,564.00	12.92	182.55	3,497.86	-598.78	-57.63	-58.99	0.15	0.06	0.63
3,690.00	13.05	182.81	3,620.64	-627.06	-58.95	-60.38	0.11	0.10	0.21
3,752.00	13.10	182.55	3,681.03	-641.07	-59.61	-61.06	0.12	0.08	-0.42
3,809.11	13.22	169.93	3,736.66	-653.97	-58.76	-60.24	5.02	0.21	-22.09
PLAN Poseidon#27H: KOP @ 3808.64' MD									
3,815.00	13.27	168.66	3,742.39	-655.30	-58.51	-59.99	5.02	0.80	-21.65
3,878.00	14.11	156.71	3,803.61	-669.44	-54.05	-55.57	4.67	1.33	-18.97
3,940.00	15.65	145.20	3,863.54	-683.25	-46.28	-47.83	5.36	2.48	-18.56
4,003.00	18.24	135.79	3,923.81	-697.30	-34.56	-36.14	5.98	4.11	-14.94
4,066.00	20.35	125.25	3,983.29	-710.70	-18.73	-20.34	6.45	3.35	-16.73
4,130.00	22.68	117.86	4,042.84	-722.89	1.27	-0.37	5.58	3.64	-11.55
4,193.00	24.92	112.94	4,100.48	-733.74	24.24	22.58	4.75	3.56	-7.81
4,256.00	27.56	106.53	4,157.00	-743.07	50.45	48.76	6.14	4.19	-10.17
4,318.00	29.85	101.43	4,211.38	-750.21	79.33	77.63	5.41	3.69	-8.23
4,381.00	32.31	96.15	4,265.34	-755.12	111.45	109.73	5.82	3.90	-8.38
4,444.00	34.29	91.23	4,318.01	-757.31	145.94	144.22	5.31	3.14	-7.81



Survey Report



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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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)
4,507.00	37.85	88.33	4,368.93	-757.12	183.02	181.30	6.27	5.65	-4.60
4,570.00	42.24	88.33	4,417.14	-755.94	223.52	221.81	6.97	6.97	0.00
4,633.00	46.42	90.88	4,462.20	-755.68	267.53	265.81	7.21	6.63	4.05
4,697.00	50.37	91.85	4,504.69	-756.83	315.36	313.64	6.27	6.17	1.52
4,760.00	54.95	91.85	4,542.89	-758.44	365.41	363.69	7.27	7.27	0.00
4,821.00	59.34	91.58	4,575.98	-759.97	416.61	414.89	7.21	7.20	-0.44
4,852.00	60.22	91.41	4,591.58	-760.67	443.39	441.67	2.88	2.84	-0.55
Start Tangent: 4852.00' MD/ 4591.58' TVD									
4,884.00	60.35	91.23	4,607.44	-761.31	471.18	469.45	0.64	0.41	-0.56
4,915.00	60.53	91.06	4,622.74	-761.85	498.14	496.41	0.75	0.58	-0.55
4,947.00	60.66	90.79	4,638.45	-762.30	526.01	524.28	0.84	0.41	-0.84
4,978.00	60.84	90.62	4,653.59	-762.63	553.06	551.32	0.75	0.58	-0.55
5,010.00	60.92	90.62	4,669.17	-762.94	581.01	579.28	0.25	0.25	0.00
5,041.00	61.19	90.44	4,684.17	-763.19	608.14	606.40	1.01	0.87	-0.58
End Tangent: 5041.00' MD/ 4684.17' TVD									
5,073.00	63.74	90.53	4,698.96	-763.43	636.51	634.77	7.97	7.97	0.28
5,135.00	68.92	90.88	4,723.84	-764.13	693.27	691.53	8.37	8.35	0.56
5,198.00	74.73	90.97	4,743.49	-765.10	753.09	751.35	9.22	9.22	0.14
5,260.00	80.70	90.18	4,756.67	-765.70	813.64	811.90	9.71	9.63	-1.27
5,323.00	86.55	89.12	4,763.67	-765.31	876.22	874.48	9.43	9.29	-1.68
5,323.57	86.56	89.13	4,763.70	-765.31	876.79	875.05	1.73	1.18	1.26
PLAT Poseidon#27H: FTP/ LP (100' FWL)									
5,324.11	86.56	89.13	4,763.73	-765.30	877.33	875.59	1.73	1.18	1.26
FINAL #27H FTP/ 100' FEL @ 5324.11' MD									
5,449.00	88.04	90.71	4,769.61	-765.13	1,002.07	1,000.33	1.73	1.18	1.26
5,575.00	88.75	90.35	4,773.14	-766.29	1,128.02	1,126.28	0.63	0.56	-0.29
5,701.00	88.79	89.74	4,775.85	-766.39	1,253.99	1,252.25	0.49	0.03	-0.48
5,826.00	89.71	89.39	4,777.48	-765.44	1,378.97	1,377.23	0.79	0.74	-0.28
5,946.00	89.85	89.04	4,777.94	-763.80	1,498.96	1,497.22	0.31	0.12	-0.29
6,067.00	90.20	89.21	4,777.89	-761.95	1,619.95	1,618.21	0.32	0.29	0.14
6,189.00	90.42	90.09	4,777.23	-761.21	1,741.94	1,740.21	0.74	0.18	0.72
6,308.00	90.29	89.30	4,776.49	-760.57	1,860.94	1,859.20	0.67	-0.11	-0.66
6,429.00	90.07	91.06	4,776.11	-760.95	1,981.93	1,980.20	1.47	-0.18	1.45
6,549.00	90.11	90.79	4,775.92	-762.89	2,101.91	2,100.18	0.23	0.03	-0.22
6,670.00	89.80	90.53	4,776.02	-764.28	2,222.91	2,221.17	0.33	-0.26	-0.21
6,791.00	91.52	90.35	4,774.63	-765.21	2,343.89	2,342.15	1.43	1.42	-0.15
6,912.00	91.87	89.74	4,771.05	-765.31	2,464.84	2,463.09	0.58	0.29	-0.50
7,032.00	91.08	91.14	4,767.96	-766.23	2,584.79	2,583.04	1.34	-0.66	1.17
7,158.00	89.05	90.97	4,767.81	-768.55	2,710.76	2,709.01	1.62	-1.61	-0.13
7,284.00	89.10	90.88	4,769.85	-770.58	2,836.73	2,834.97	0.08	0.04	-0.07
7,410.00	89.36	90.53	4,771.54	-772.13	2,962.71	2,960.95	0.35	0.21	-0.28
7,538.00	89.45	90.00	4,772.87	-772.73	3,090.70	3,088.94	0.42	0.07	-0.41
7,663.00	89.58	89.74	4,773.93	-772.44	3,215.69	3,213.93	0.23	0.10	-0.21
7,789.00	89.58	89.30	4,774.85	-771.39	3,341.68	3,339.93	0.35	0.00	-0.35



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #27H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3733.00usft (Akita 57)
Site:	Poseidon 3 Fed	MD Reference:	RKB = 20' @ 3733.00usft (Akita 57)
Well:	#27H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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)
7,915.00	89.80	88.95	4,775.53	-769.46	3,467.67	3,465.91	0.33	0.17	-0.28
8,041.00	89.14	90.35	4,776.70	-768.69	3,593.66	3,591.90	1.23	-0.52	1.11
8,167.00	88.88	90.27	4,778.88	-769.37	3,719.63	3,717.88	0.22	-0.21	-0.06
8,293.00	88.84	90.09	4,781.38	-769.77	3,845.61	3,843.85	0.15	-0.03	-0.14
8,420.00	89.49	90.35	4,783.23	-770.26	3,972.59	3,970.84	0.55	0.51	0.20
8,546.00	89.41	90.27	4,784.44	-770.94	4,098.59	4,096.83	0.09	-0.06	-0.06
8,672.00	89.27	90.09	4,785.90	-771.34	4,224.58	4,222.82	0.18	-0.11	-0.14
8,797.00	89.05	89.74	4,787.73	-771.15	4,349.56	4,347.80	0.33	-0.18	-0.28
8,923.00	88.75	88.95	4,790.15	-769.71	4,475.53	4,473.77	0.67	-0.24	-0.63
9,049.00	88.66	88.42	4,792.99	-766.82	4,601.46	4,599.71	0.43	-0.07	-0.42
9,175.00	89.23	89.39	4,795.31	-764.41	4,727.42	4,725.67	0.89	0.45	0.77
9,302.00	88.97	88.86	4,797.31	-762.47	4,854.39	4,852.65	0.46	-0.20	-0.42
9,427.00	90.42	90.00	4,797.97	-761.23	4,979.37	4,977.63	1.48	1.16	0.91
9,554.00	90.77	89.83	4,796.66	-761.04	5,106.37	5,104.63	0.31	0.28	-0.13
9,679.00	90.81	91.41	4,794.93	-762.39	5,231.34	5,229.60	1.26	0.03	1.26
9,805.00	91.08	90.88	4,792.85	-764.91	5,357.30	5,355.55	0.47	0.21	-0.42
9,932.00	89.32	90.88	4,792.41	-766.86	5,484.28	5,482.53	1.39	-1.39	0.00
10,059.00	89.45	90.62	4,793.77	-768.52	5,611.26	5,609.50	0.23	0.10	-0.20
10,183.00	88.26	89.04	4,796.25	-768.16	5,735.23	5,733.47	1.59	-0.96	-1.27
10,307.00	87.91	88.77	4,800.40	-765.79	5,859.14	5,857.39	0.36	-0.28	-0.22
10,381.00	88.04	88.77	4,803.01	-764.20	5,933.07	5,931.33	0.18	0.18	0.00
PLAT Poseidon#27H: LTP (100' FEL) - FINAL #27H LTP/ 100' FWL @ 10403.56' MD									
10,453.00	88.04	88.77	4,805.47	-762.66	6,005.02	6,003.27	0.00	0.00	0.00
TD: Y= 676239.14 / X= 658636.22 - Projection to Bit: 10453.00' MD/ 4805.47' TVD - Final Station Closure Distance= 6053.00'									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FINAL #27H FTP/ 100' - hit/miss target	0.00	0.00	4,763.73	-765.30	877.33	676,236.50	653,508.53	32.8584638	-103.9680339
- Shape									
- actual wellpath hits target center									
- Point									
FINAL #27H LTP/ 100' - hit/miss target	0.00	0.00	4,803.78	-763.72	5,955.62	676,238.08	658,586.82	32.8584187	-103.9514961
- Shape									
- actual wellpath misses target center by 22.56usft at 10381.00usft MD (4803.01 TVD, -764.20 N, 5933.07 E)									
- Point									
FINAL #27H Bit Prj @ - hit/miss target	0.00	0.00	4,805.47	-762.66	6,005.02	676,239.14	658,636.22	32.8584212	-103.9513352
- Shape									
- actual wellpath hits target center									
- Point									



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #27H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3733.00usft (Akita 57)
Site:	Poseidon 3 Fed	MD Reference:	RKB = 20' @ 3733.00usft (Akita 57)
Well:	#27H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
528.00	527.89	6.76	-3.47	1st WBDS MWD: 528.00' MD/ 527.89' TVD
4,852.00	4,591.58	-760.67	443.39	Start Tangent: 4852.00' MD/ 4591.58' TVD
5,041.00	4,684.17	-763.19	608.14	End Tangent: 5041.00' MD/ 4684.17' TVD
10,453.00	4,805.47	-762.66	6,005.02	TD: Y= 676239.14 / X= 658636.22
10,453.00	4,805.47	-762.66	6,005.02	Projection to Bit: 10453.00' MD/ 4805.47' TVD
10,453.00	4,805.47	-762.66	6,005.02	Final Station Closure Distance= 6053.25 /Direction= 97.24
10,453.00	4,805.47	-762.66	6,005.02	TD: Latitude= 32.8584211 / Longitude= -103.9513352

Checked By: _____ Approved By: _____ Date: _____



I **Larry Wright** certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **05/05/21** thru **05/13/21** conduct or supervise the taking of a **MWD Survey** from a depth of **418'** to a depth of **10453'**; 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 **Poseidon 3 Fed 27H** API No. **30-015-48107** 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



Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: Poseidon 3 Fed
Well: #27H
Wellbore: Wellbore #1
Rig: Akita 57
Design: Plan #3 / 6:50, May 13 2021



WELL DETAILS: #27H

RKB = 20° @ 3733.00usft (Akita 57)
3713.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	677001.80	652631.20	32.8605755	-103.9708824

1st WBDS MWD: 528.00' MD/ 527.89' TVD

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSec
1	418.00	2.20	322.62	417.95	5.02	-0.55	0.00	-0.54
2	1144.84	12.83	184.51	1139.33	-64.70	-15.44	2.00	-15.58
3	3808.64	12.83	184.51	3736.66	-654.21	-61.90	0.00	-63.39
4	4839.23	60.00	89.87	4580.27	-779.69	423.42	6.00	421.65
5	5039.23	60.00	89.87	4680.27	-779.31	596.62	0.00	594.85
6	5333.54	89.43	89.87	4757.00	-778.70	877.40	10.00	875.63
7	10412.10	89.43	89.87	4807.50	-767.61	5955.70	0.00	5953.94
8	10462.10	89.43	89.87	4808.00	-767.50	6005.70	0.00	6003.94

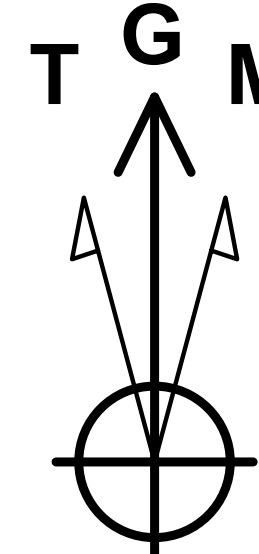
PLAT Poseidon#27H: FTP/ LP (100' FWL)
PLAT Poseidon#27H: LTP (100' FEL)
PLAT Poseidon#27H: PBHL (780' FSL & 50' FEL)

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PLAT Poseidon#27H: SHL (1560' FSL & 775' FEL)	0.00	0.00	0.00	677001.80	652631.20	32.8605755	-103.9708824
PLAT Poseidon#27H: FTP/ LP (100' FWL)	4757.00	-778.70	877.40	676223.10	653508.60	32.8584269	-103.9680338
FINAL #27H FTP/ 100' FEL @ 5324.11' MD	4763.73	-765.30	877.33	676236.50	653508.53	32.8584638	-103.9680339
FINAL #27H LTP/ 100' FWL @ 10403.56' MD	4803.78	-763.72	5955.62	676238.08	658586.82	32.8584187	-103.9514961
FINAL #27H Bit Prj @ 10453' MD, 51' FWL	4805.47	-762.66	6005.02	676239.14	658636.22	32.8584211	-103.9513352
PLAT Poseidon#27H: LTP (100' FEL)	4807.50	-767.60	5955.70	676234.20	658586.90	32.8584080	-103.9514959
PLAT Poseidon#27H: PBHL (780' FSL & 50' FEL)	4808.00	-767.50	6005.70	676234.30	658636.90	32.8584078	-103.9513330

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



Azimuths to Grid North
True North: -0.20°
Magnetic North: 6.59°

Magnetic Field
Strength: 47834.7snT
Dip Angle: 60.42°
Date: 5/17/2021
Model: IGRF2020

Disclaimer:

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

CORRECTION REFERENCE DATA:

To convert a Magnetic Direction to a Grid Direction, Add 6.594°
To convert a True Direction to a Grid Direction, Subtract 0.197°
To convert a Magnetic Direction to a True Direction, Add 6.791° East
Magnetic Declination: 6.791°
Grid Convergence: 0.197° West
Magnetic Dip Angle: 60.421°
Magnetic Field Strength: 47834.66867480nT

Start Tangent: 4852.00' MD/ 4591.58' TVD

End Tangent: 5041.00' MD/ 4684.17' TVD

FINAL #27H FTP/ 100' FEL @ 5324.11' MD

FINAL #27H LTP/ 100' FWL @ 10403.56' MD

FINAL #27H Bit Prj @ 10453' MD, 51' FWL

27-PVA SURVEY

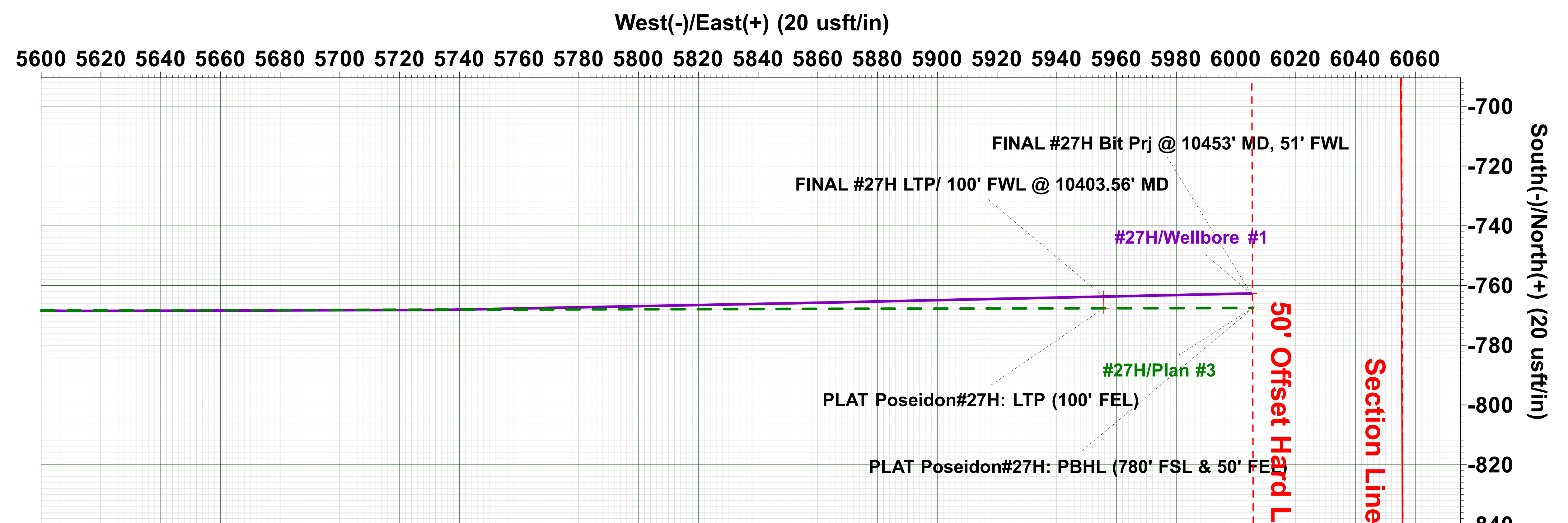
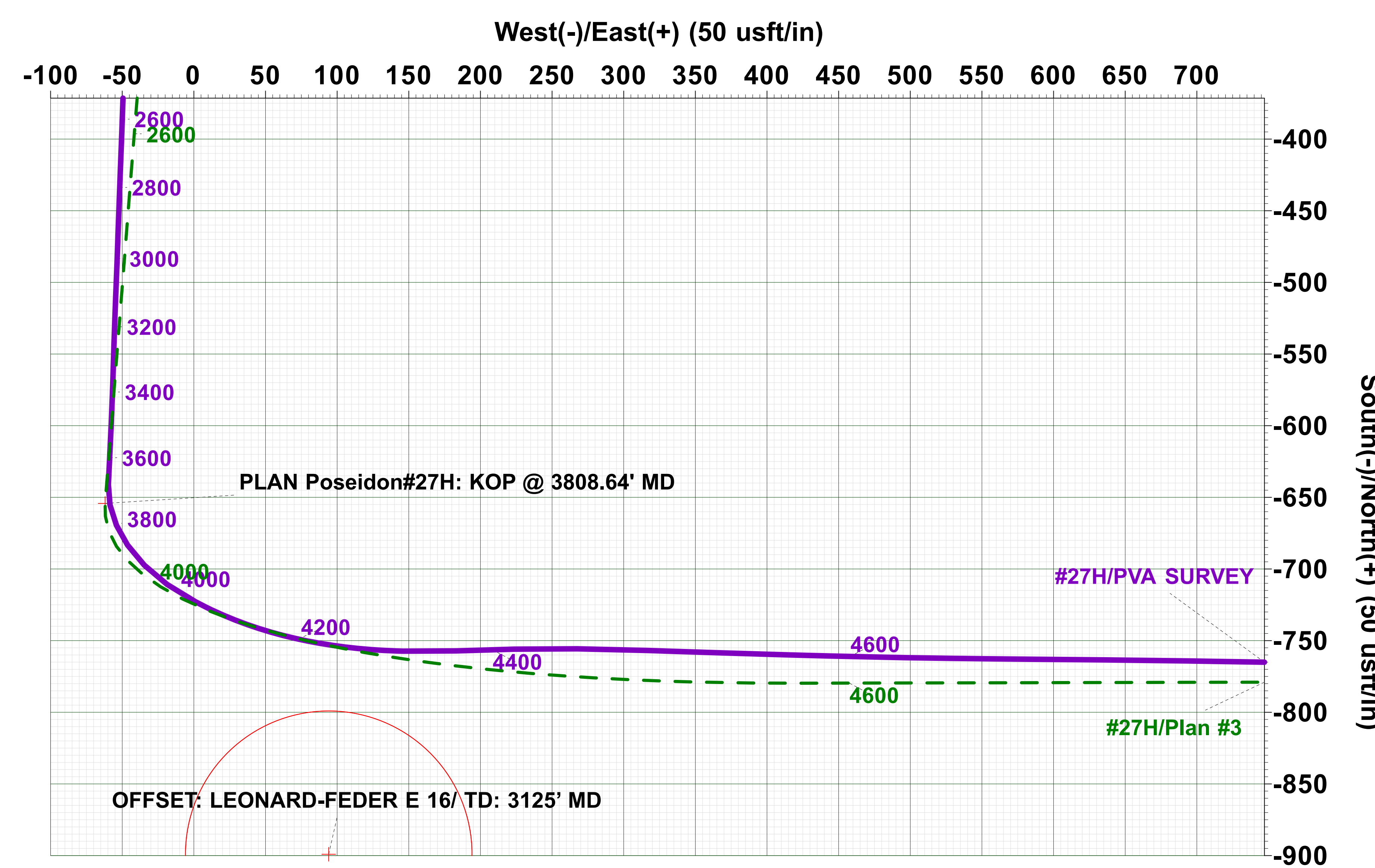
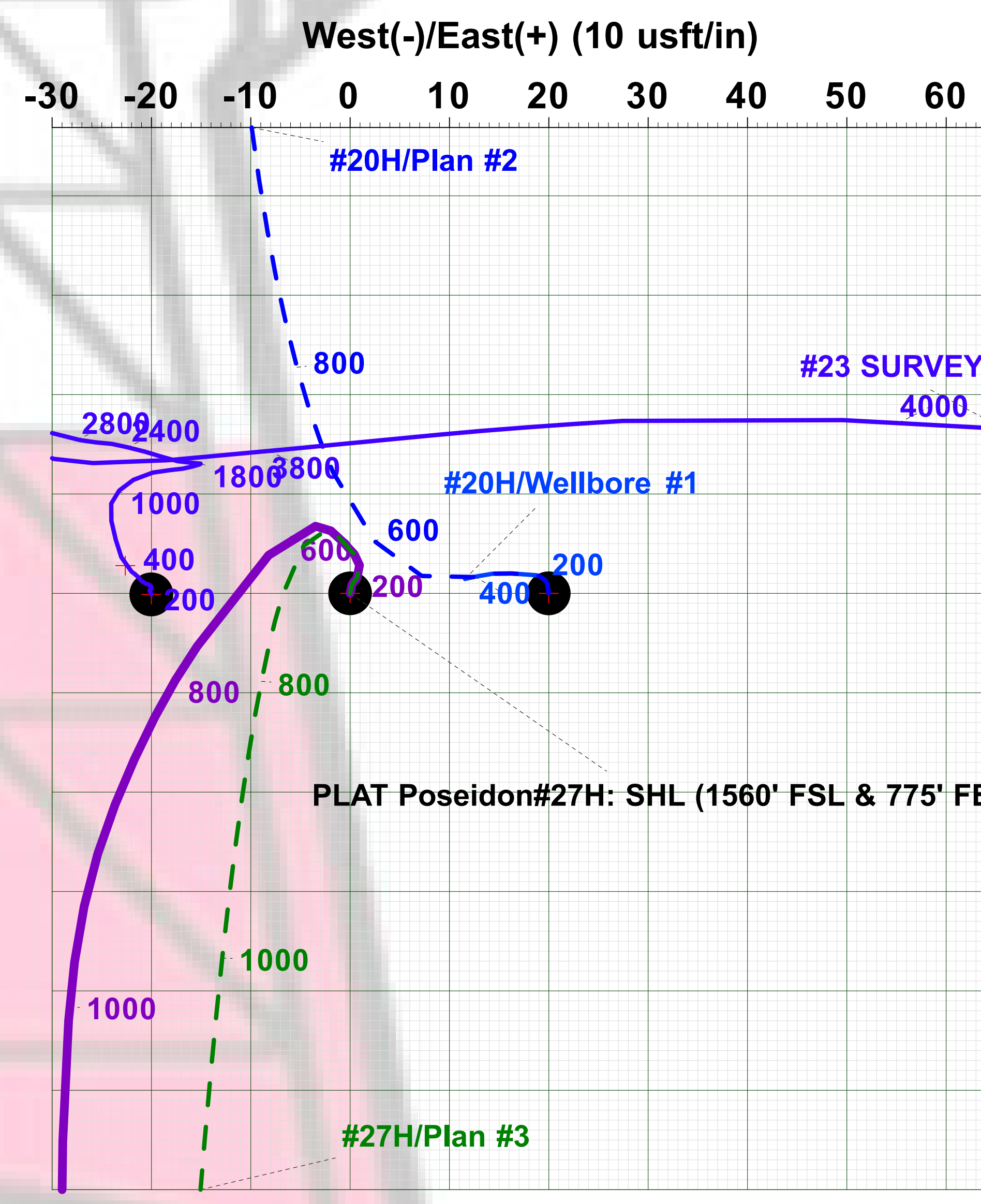
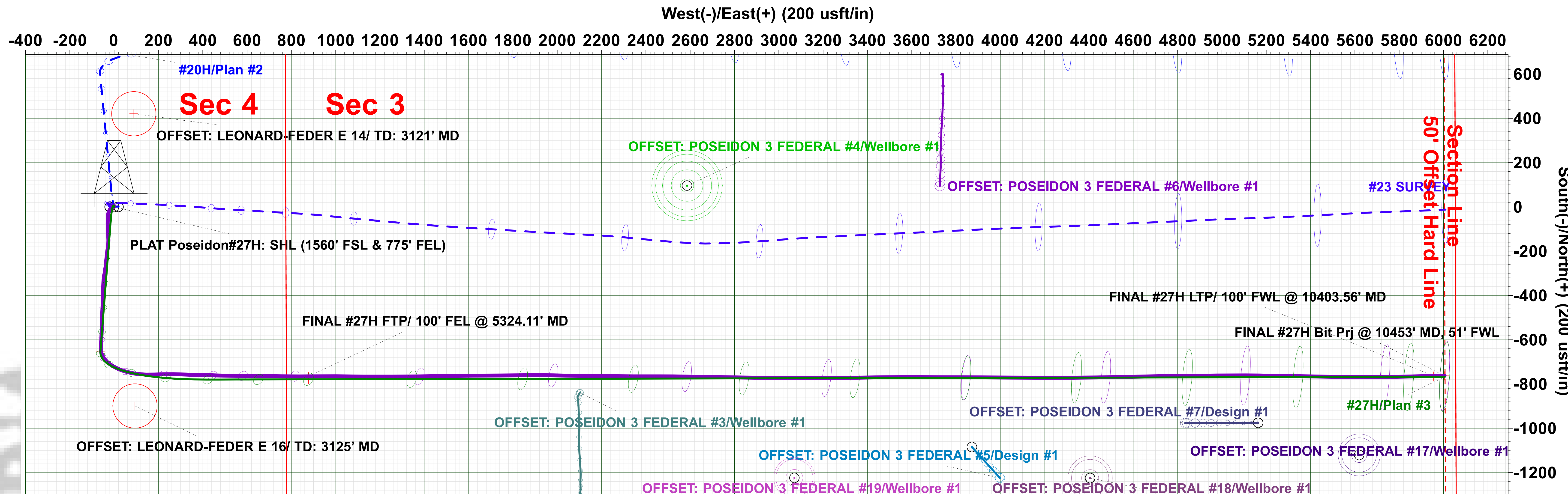
Projection to Bit: 10453.00' MD/ 4805.47' TVD

TD: Latitude= 32.8584211 / Longitude= -103.9513352

TD: Y= 676239.14 / X= 658636.22

Final Station Closure Distance= 6053.25 /Direction= 97.24

Vertical Section at 89.87° (200 usft/in)



Plan: Plan #3 (#27H/Wellbore #1) Akita 57

Created By: Matthew May Date: 6:50, May 13 2021

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

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-015-48107		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name POSEIDON 3 FEDERAL		
								6. Well Number: 27H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator SPUR ENERGY PARTNERS LLC						9. OGRID 328947				
10. Address of Operator 9655 KATY FREEWAY, SUITE 500, HOUSTON, TX 77024						11. Pool name or Wildcat LOCO HILLS; GLORIETA-YESO				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	I	4	17S	30E		1560	SOUTH	775	EAST	EDDY
BH:	P	3	17S	30E		785	SOUTH	51	EAST	EDDY
13. Date Spudded 04/03/2021	14. Date T.D. Reached 05/13/2021		15. Date Rig Released 05/15/2021		16. Date Completed (Ready to Produce) 08/11/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3713' GR		
18. Total Measured Depth of Well 4805'V/10453'M			19. Plug Back Measured Depth 4805'V/10453'M		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run GAMMA RAY		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13-3/8"		54.5		418'		17-1/2"		360 SXS (CIRC TO SURFACE)		0
9-5/8"		36		1720'		12-1/4"		455 SXS (CIRC TO SURFACE)		0
7"		32		5126'		8-3/4"		1510 SXS (CIRC TO SURFACE)		0
5-1/2"		20		10453'		8-3/4"		1510 SXS (CIRC TO SURFACE)		0
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE		DEPTH SET	PACKER SET
							3-1/2"		4965'	
26. Perforation record (interval, size, and number) 7/12/2021 Pressure test csg to 6000# for 30 minutes, good test. 7/23/2021 RIH & cleanout to PBTD @ 10453'. RIH & perf from 5332'-10348', total 900 shots/ft @ 0.42 shot size. Frac in 25 stages w/ 13155072gal slickwater and 4991047# sand. 8/3/2021 rig down wireline and cleanout. RIH & set 3-1/2" J-55 tbg @ 4965'.						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						5332'-10348'		3155072gal slickwater and 4991047# sand		
28. PRODUCTION										
Date First Production 08/13/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING ON ESP					Well Status (Prod. or Shut-in) PRODUCING			
Date of Test 09/02/2021	Hours Tested 24-HOURS	Choke Size NA	Prod'n For Test Period	Oil - Bbl 630	Gas - MCF 624	Water - Bbl. 2064	Gas - Oil Ratio			
Flow Tubing Press. 160	Casing Pressure 100	Calculated 24-Hour Rate	Oil - Bbl. 630	Gas - MCF 624	Water - Bbl. 2064	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD								30. Test Witnessed By JERRY MATHEWS		
31. List Attachments WBD, AS-DRILLED C-102, DIRECTIONAL AND FINAL C-104										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed _____ Signature <i>Sarah Chapman</i> Name SARAH CHAPMAN Title REGULATORY DIRECTOR Date 02/07/2022 E-mail Address SCHAPMAN@SPURENERGY.COM										

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 500'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 1000'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 1350'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 4425'	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. YESO 4500'	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

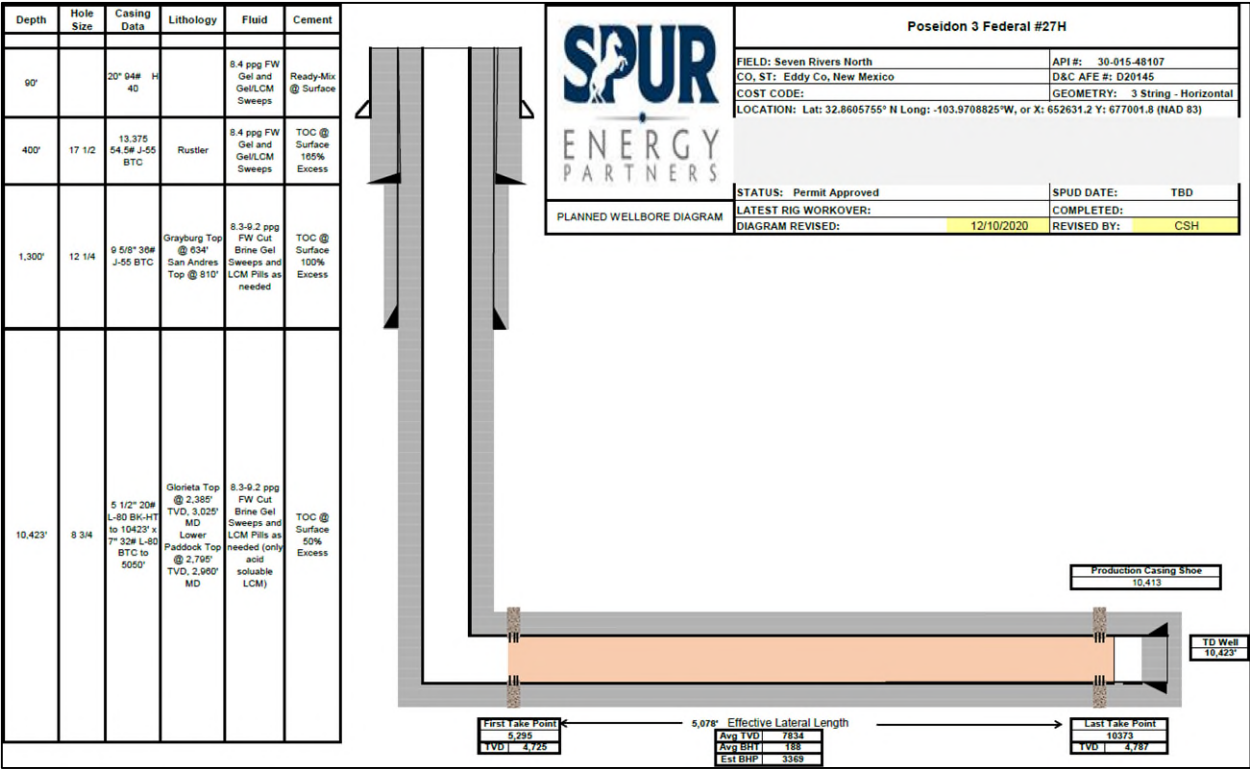
No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
500	1000	500	SALT				
1000	1350	350	SILTSTONE				
1350	4425	3075	DOLOMITE				
4425	4500	75	DOLOMITE				



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

ACKNOWLEDGMENTS

Action 82233

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 82233
	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.

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.
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CONDITIONS

Action 82233

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 82233
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	4/14/2022