

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

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 02/17/2022	
⁴ API Number 30 - 0 15-48644	⁵ Pool Name PENASCO DRAW; SA-YESO (ASSOC)		⁶ Pool Code 50270
⁷ Property Code 331156	⁸ Property Name ROSE SOUTH		⁹ Well Number 11H

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
LOT 4	7	19S	26E		1085	SOUTH	700	WEST	EDDY

¹¹ Bottom Hole Location

FTP: 328' FSL 108' FEL LTP: 319' FSL 136' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	12	19S	25E		318	SOUTH	50	WEST	EDDY
¹² Lse Code P	¹³ Producing Method Code P	¹⁴ Gas Connection Date TBD	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 08/08/2021	²² Ready Date 11/03/2021	²³ TD 2816'V/8810'M	²⁴ PBTD 2816'V/8810'M	²⁵ Perforations 3612'-8724'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12-1/4"	9-5/8" 36# J-55 BTC	1265'	445 SXS (CIRC TO SURFACE)		
8-3/4"	7" 32# L-80 BK-HT	3308'	1450 SXS (CIRC TO SURFACE)		
8-3/4"	5-1/2" 20# L-80 BK-HT	8810'	1450 SXS (CIRC TO SURFACE)		
	3-1/2" J-55 TBG	2792'			

V. Well Test Data

³¹ Date New Oil 01/07/2022	³² Gas Delivery Date TBD	³³ Test Date 01/20/2022	³⁴ Test Length 24-HOURS	³⁵ Tbg. Pressure 207	³⁶ Csg. Pressure 159
³⁷ Choke Size N/A	³⁸ Oil 831	³⁹ Water 2967	⁴⁰ Gas 977		⁴¹ Test Method PUMPING ON ESP

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: Sarah Chapman Printed name: SARAH CHAPMAN Title: REGULATORY DIRECTOR E-mail Address: SCHAPMAN@SPURENERGY.COM Date: 02/17/2022	OIL CONSERVATION DIVISION Approved by: Sarah Chapman Title: Petroleum Engineer Approval Date: 06/29/22	
		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 30-015-48644	² Pool Code 50270	³ Pool Name PENASCO DRAW; SA-YESO (ASSOC)
⁴ Property Code 331156	⁵ Property Name ROSE SOUTH	⁶ Well Number 11H
⁷ OGRID NO. 328947	⁸ Operator Name SPUR ENERGY PARTNERS LLC.	⁹ Elevation 3386'

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	19S	26E		1085	SOUTH	700	WEST	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
M	12	19S	25E		318	SOUTH	50	WEST	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: 607781.5 - E: 512403.7 LAT: 32.6708015° N LONG: 104.4273628° W <u>FIRST TAKE POINT (FTP)</u> 328' FSL & 108' FEL - SEC 12 N: 607032.4 - E: 511597.3 LAT: 32.6687405° N LONG: 104.4299811° W MD: 3612.0 - TVD: 2909.7 <u>LAST TAKE POINT (LTP)</u> 319' FSL & 136' FWL - SEC 12 N: 607010.8 - E: 506487.9 LAT: 32.6686673° N LONG: 104.4465852° W MD: 8724.0 - TVD: 2819.5 <u>BOTTOM HOLE (BH)</u> N: 607009.0 - E: 506402.0 LAT: 32.6686621° N LONG: 104.4468644° W MD: 8810.0 - TVD: 2815.6 <u>CORNER DATA</u> NAD 83 GRID - NM EAST A: FOUND BOLT N: 606691.2 - E: 506353.0 B: FOUND 1/2" REBAR N: 612008.3 - E: 506339.4 C: FOUND 5/8" REBAR N: 611978.8 - E: 511694.1 D: FOUND ALUM CAP "ILLEGIBLE" N: 612006.0 - E: 514294.2 E: FOUND 3" PIPE N: 612034.2 - E: 516918.2 F: FOUND SPIKE NAIL N: 609327.0 - E: 516948.7 G: FOUND SPIKE NAIL N: 606619.9 - E: 516980.1 H: FOUND 1" PIPE N: 606673.4 - E: 514339.7 I: FOUND 1/2" REBAR N: 606705.1 - E: 511706.5	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> 11/04/2021 Signature Date SARAH CHAPMAN Printed Name SCHAPMAN@SPURENERGY.COM E-mail Address
(B) (C) (D) (E) LOT 1 39.34 Ac. LOT 2 39.51 Ac. LOT 3 39.67 Ac. LOT 4 39.84 Ac. 700' SL 1085' BH 50' LTP FTP 318' (A) (H) (G)	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> 10-28-2021 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number LS20120753AC



I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **09/12/21** thru **09/16/21** conduct or supervise the taking of a **MWD Survey** from a depth of **155'** to a depth of **8810'**; 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 **Rose South 11H** API No. **30-015-48644** 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*



Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

ROSE SOUTH

#11H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

17 September, 2021





Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #11H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3406.00usft (AKITA 57)
Site:	ROSE SOUTH	MD Reference:	RKB = 20' @ 3406.00usft (AKITA 57)
Well:	#11H	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		ROSE SOUTH			
Site Position:		Northing:	607,781.50 usft	Latitude:	32.6708016
From:	Map	Easting:	512,403.70 usft	Longitude:	-104.4273627
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	-0.051 °

Well	#11H					
Well Position	+N/-S	0.00 usft	Northing:	607,781.50 usft	Latitude:	32.6708016
	+E/-W	0.00 usft	Easting:	512,403.70 usft	Longitude:	-104.4273627
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,386.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	7/23/2021	6.963	60.174	47,657.48732925

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)	Direction (°)	
	0.00	0.00	0.00	269.85	

Survey Program	Date	9/17/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
7.00	8,810.00	Survey #1 (Wellbore #1)	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	
7.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	
155.00	0.79	168.29	155.00	-1.00	0.21	-0.20	0.53	0.53	0.00	
244.00	0.88	199.32	243.99	-2.24	0.11	-0.10	0.51	0.10	34.87	
323.00	2.68	189.13	322.95	-4.64	-0.39	0.40	2.30	2.28	-12.90	
417.00	4.70	186.23	416.75	-10.64	-1.16	1.18	2.16	2.15	-3.09	
505.00	5.19	172.52	504.42	-18.17	-1.03	1.08	1.45	0.56	-15.58	
593.00	6.51	166.98	591.96	-26.98	0.61	-0.54	1.63	1.50	-6.30	
680.00	8.88	166.72	678.17	-38.32	3.27	-3.17	2.72	2.72	-0.30	
764.00	10.90	164.96	760.92	-52.30	6.82	-6.68	2.43	2.40	-2.10	



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #11H
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Site:	ROSE SOUTH	MD Reference:	RKB = 20' @ 3406.00usft (AKITA 57)
Well:	#11H	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)
850.00	13.41	163.55	844.98	-69.72	11.75	-11.57	2.94	2.92	-1.64
936.00	15.91	162.15	928.18	-90.51	18.19	-17.95	2.94	2.91	-1.63
1,025.00	18.11	162.85	1,013.28	-115.34	26.01	-25.71	2.48	2.47	0.79
1,110.00	20.00	163.11	1,093.62	-141.87	34.13	-33.76	2.23	2.22	0.31
1,218.00	21.89	163.38	1,194.48	-178.84	45.26	-44.79	1.75	1.75	0.25
1,302.00	22.77	164.96	1,272.18	-209.55	53.95	-53.40	1.27	1.05	1.88
1,364.00	22.73	164.08	1,329.36	-232.65	60.35	-59.74	0.55	-0.06	-1.42
1,490.00	24.75	162.77	1,444.69	-281.26	74.84	-74.11	1.66	1.60	-1.04
1,617.00	23.91	162.59	1,560.41	-331.21	90.42	-89.55	0.66	-0.66	-0.14
1,743.00	23.69	161.71	1,675.69	-379.61	106.00	-105.01	0.33	-0.17	-0.70
1,868.00	23.47	161.10	1,790.26	-427.00	121.95	-120.83	0.26	-0.18	-0.49
1,931.00	23.47	165.14	1,848.05	-451.00	129.23	-128.05	2.55	0.00	6.41
1,995.00	24.35	172.17	1,906.57	-476.39	134.29	-133.05	4.66	1.37	10.98
2,058.00	26.42	175.86	1,963.49	-503.24	137.08	-135.76	4.13	3.29	5.86
2,121.00	30.07	179.90	2,018.98	-533.02	138.12	-136.72	6.54	5.79	6.41
2,184.00	33.27	184.48	2,072.60	-566.04	136.79	-135.31	6.35	5.08	7.27
2,247.00	35.65	190.54	2,124.56	-601.33	132.08	-130.51	6.62	3.78	9.62
2,339.00	36.57	201.35	2,198.96	-653.27	117.19	-115.47	6.99	1.00	11.75
2,402.00	37.14	209.26	2,249.40	-687.36	101.05	-99.25	7.58	0.90	12.56
2,465.00	37.85	217.87	2,299.41	-719.24	79.87	-77.99	8.39	1.13	13.67
2,528.00	38.29	225.70	2,349.04	-748.14	54.02	-52.06	7.69	0.70	12.43
2,589.00	39.25	233.17	2,396.63	-772.93	25.03	-23.01	7.82	1.57	12.25
2,652.00	40.92	240.73	2,444.85	-794.98	-8.94	11.02	8.16	2.65	12.00
2,715.00	42.99	247.84	2,491.73	-813.18	-46.86	48.99	8.23	3.29	11.29
2,778.00	44.31	255.14	2,537.34	-826.93	-88.05	90.21	8.26	2.10	11.59
2,841.00	46.29	261.99	2,581.68	-835.75	-131.89	134.08	8.34	3.14	10.87
2,904.00	48.48	268.50	2,624.36	-839.55	-178.05	180.25	8.36	3.48	10.33
2,967.00	51.69	274.30	2,664.80	-838.31	-226.31	228.50	8.70	5.10	9.21
3,028.00	56.04	279.05	2,700.77	-832.53	-275.20	277.38	9.51	7.13	7.79
3,091.00	60.84	281.15	2,733.74	-823.10	-328.03	330.18	8.13	7.62	3.33
3,122.00	61.14	280.98	2,748.77	-817.89	-354.63	356.77	1.08	0.97	-0.55
3,153.00	61.23	280.63	2,763.72	-812.80	-381.31	383.44	1.03	0.29	-1.13
3,185.00	61.32	280.54	2,779.10	-807.65	-408.90	411.01	0.37	0.28	-0.28
3,215.00	61.41	280.19	2,793.47	-802.91	-434.80	436.90	1.07	0.30	-1.17
3,247.00	61.58	280.01	2,808.74	-797.98	-462.48	464.57	0.73	0.53	-0.56
3,279.00	61.80	280.01	2,823.92	-793.08	-490.23	492.30	0.69	0.69	0.00
3,341.00	67.21	278.87	2,850.60	-783.92	-545.41	547.46	8.88	8.73	-1.84
3,404.00	72.70	277.82	2,872.18	-775.34	-603.95	605.97	8.85	8.71	-1.67
3,467.00	77.14	277.99	2,888.57	-766.98	-664.18	666.19	7.05	7.05	0.27
3,530.00	80.88	277.64	2,900.58	-758.57	-725.44	727.43	5.96	5.94	-0.56
3,594.00	84.57	276.41	2,908.68	-750.81	-788.44	790.40	6.07	5.77	-1.92
3,657.00	88.66	274.39	2,912.40	-744.89	-851.03	852.98	7.24	6.49	-3.21
3,783.00	90.37	272.28	2,913.47	-737.57	-976.80	978.73	2.16	1.36	-1.67
3,908.00	91.30	271.75	2,911.65	-733.17	-1,101.71	1,103.63	0.86	0.74	-0.42



Survey Report



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Well:	#11H	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)
4,034.00	91.87	271.31	2,908.16	-729.81	-1,227.62	1,229.52	0.57	0.45	-0.35
4,158.00	90.29	269.11	2,905.82	-729.35	-1,351.58	1,353.49	2.18	-1.27	-1.77
4,284.00	90.86	269.03	2,904.56	-731.40	-1,477.56	1,479.47	0.46	0.45	-0.06
4,410.00	91.38	268.41	2,902.10	-734.21	-1,603.50	1,605.42	0.64	0.41	-0.49
4,537.00	92.48	267.97	2,897.82	-738.22	-1,730.37	1,732.29	0.93	0.87	-0.35
4,663.00	90.33	269.38	2,894.73	-741.13	-1,856.28	1,858.22	2.04	-1.71	1.12
4,790.00	91.38	269.64	2,892.83	-742.22	-1,983.26	1,985.20	0.85	0.83	0.20
4,916.00	92.31	268.94	2,888.78	-743.78	-2,109.19	2,111.13	0.92	0.74	-0.56
5,043.00	90.59	269.47	2,885.56	-745.54	-2,236.13	2,238.07	1.42	-1.35	0.42
5,169.00	91.47	269.47	2,883.30	-746.71	-2,362.10	2,364.05	0.70	0.70	0.00
5,296.00	90.11	270.08	2,881.55	-747.21	-2,489.08	2,491.03	1.17	-1.07	0.48
5,422.00	90.81	269.47	2,880.54	-747.70	-2,615.08	2,617.03	0.74	0.56	-0.48
5,548.00	92.13	269.55	2,877.30	-748.78	-2,741.03	2,742.98	1.05	1.05	0.06
5,675.00	90.02	269.20	2,874.92	-750.16	-2,867.99	2,869.95	1.68	-1.66	-0.28
5,800.00	90.81	268.85	2,874.02	-752.29	-2,992.97	2,994.93	0.69	0.63	-0.28
5,927.00	91.91	268.23	2,871.00	-755.52	-3,119.89	3,121.86	0.99	0.87	-0.49
6,053.00	90.37	268.85	2,868.49	-758.73	-3,245.82	3,247.79	1.32	-1.22	0.49
6,179.00	91.65	268.06	2,866.27	-762.13	-3,371.75	3,373.73	1.19	1.02	-0.63
6,305.00	90.51	268.59	2,863.90	-765.81	-3,497.67	3,499.66	1.00	-0.90	0.42
6,426.00	89.98	269.73	2,863.38	-767.59	-3,618.66	3,620.65	1.04	-0.44	0.94
6,548.00	90.86	269.55	2,862.49	-768.35	-3,740.65	3,742.65	0.74	0.72	-0.15
6,669.00	90.77	271.40	2,860.77	-767.35	-3,861.63	3,863.62	1.53	-0.07	1.53
6,790.00	91.78	270.96	2,858.07	-764.86	-3,982.57	3,984.56	0.91	0.83	-0.36
6,911.00	93.19	270.34	2,852.83	-763.49	-4,103.44	4,105.43	1.27	1.17	-0.51
7,032.00	91.43	271.31	2,847.95	-761.75	-4,224.33	4,226.31	1.66	-1.45	0.80
7,151.00	89.27	271.22	2,847.22	-759.12	-4,343.29	4,345.26	1.82	-1.82	-0.08
7,269.00	90.07	270.70	2,847.90	-757.14	-4,461.27	4,463.24	0.81	0.68	-0.44
7,390.00	91.38	269.73	2,846.37	-756.69	-4,582.25	4,584.22	1.35	1.08	-0.80
7,511.00	90.37	269.99	2,844.52	-756.98	-4,703.24	4,705.20	0.86	-0.83	0.21
7,636.00	91.21	269.73	2,842.80	-757.29	-4,828.22	4,830.19	0.70	0.67	-0.21
7,762.00	90.42	270.43	2,841.01	-757.11	-4,954.21	4,956.17	0.84	-0.63	0.56
7,888.00	91.25	269.82	2,839.17	-756.84	-5,080.19	5,082.16	0.82	0.66	-0.48
8,014.00	92.22	269.11	2,835.36	-758.01	-5,206.13	5,208.10	0.95	0.77	-0.56
8,138.00	90.15	269.29	2,832.79	-759.74	-5,330.08	5,332.05	1.68	-1.67	0.15
8,264.00	91.03	268.76	2,831.50	-761.89	-5,456.06	5,458.03	0.82	0.70	-0.42
8,390.00	92.04	267.97	2,828.12	-765.48	-5,581.96	5,583.94	1.02	0.80	-0.63
8,516.00	90.59	269.64	2,825.23	-768.11	-5,707.89	5,709.88	1.75	-1.15	1.33
8,642.00	91.78	269.29	2,822.62	-769.28	-5,833.85	5,835.85	0.98	0.94	-0.28
8,735.00	92.62	268.76	2,819.05	-770.87	-5,926.77	5,928.77	1.07	0.90	-0.57
8,810.00	92.62	268.76	2,815.62	-772.49	-6,001.68	6,003.68	0.00	0.00	0.00



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #11H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3406.00usft (AKITA 57)
Site:	ROSE SOUTH	MD Reference:	RKB = 20' @ 3406.00usft (AKITA 57)
Well:	#11H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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 TD/ BIT PROJ: - actual wellpath hits target center - Point	0.00	0.00	2,815.62	-772.49	-6,001.68	607,009.02	506,402.03	32.6686621	-104.4468643
FINAL LTP: 319' FSL - actual wellpath misses target center by 24.77usft at 8735.00usft MD (2819.05 TVD, -770.87 N, -5926.77 E) - Point	0.00	0.00	2,817.92	-771.40	-5,951.51	607,010.10	506,452.19	32.6686652	-104.4467013
FINAL FTP: 327' FSL - actual wellpath hits target center - Point	0.00	0.00	2,909.54	-749.77	-797.96	607,031.74	511,605.74	32.6687387	-104.4299538

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,091.00	2,733.74	-823.10	-328.03	START TANGENT: 3091.00' MD/ 2733.74' TVD
3,279.00	2,823.92	-793.08	-490.23	END TANGENT: 3279.00' MD/ 2823.92' TVD
3,603.62	2,909.54	-749.77	-797.96	SURVEY FTP: 3603.62' MD/ 2909.54' TVD
8,759.77	2,817.92	-771.40	-5,951.51	FINAL LTP: 8759.77' MD/ 2817.92' TVD
8,810.00	2,815.62	-772.49	-6,001.68	Projection to Bit: 8810.00' MD/ 2815.62' TVD
8,810.00	2,815.62	-772.49	-6,001.68	Final Station Closure Distance= 6051.18 /Direction= 262.67
8,810.00	2,815.62	-772.49	-6,001.68	TD: Latitude= 32.6686621 / Longitude= -104.4468644
8,810.00	2,815.62	-772.49	-6,001.68	TD: Y= 607009.01 / X= 506402.02

Checked By: _____ Approved By: _____ Date: _____



Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: ROSE SOUTH
Well: #11H
Wellbore: Wellbore #1
Rig: AKITA 57
Design: PLAN #1 / 7:58, September 17 2021



WELL DETAILS: #11H

RKB = 20' @ 3406.00usft (AKITA 57)

3386.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	607781.50	512403.70	32.6708016	-104.4273628

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
FINAL FTP: 327' FSL & 100' FEL	2909.54	-749.77	-797.96	607031.73	511605.74	32.6687387	-104.4299538
FINAL LTP: 319' FSL & 100' FWL	2817.92	-771.40	-5951.51	607010.10	506452.19	32.6686652	-104.4467013
FINAL TD/ BIT PROJ: 318' FSL & 50' FWL	2815.62	-772.49	-6001.68	607009.01	506402.02	32.6686621	-104.4468644
PLAN #11H KOP @ 1956.63' MD	1868.62	-441.18	134.09	607340.32	512537.79	32.6695892	-104.4269257
PLAT #11H BHL: 331' FSL & 50' FWL	2820.00	-759.30	-6001.60	607022.20	506402.10	32.6686983	-104.4468642
PLAT #11H FTP: 331' FSL & 100' FEL	2920.00	-745.70	-798.00	607035.80	511605.70	32.6687499	-104.4299539
PLAT #11H LTP: 331' FSL & 100' FWL	2820.96	-759.10	-5951.60	607022.40	506452.10	32.6686990	-104.4467017
PLAT #11H SHL: 1085' FSL & 700' FWL	0.00	0.00	0.00	607781.50	512403.70	32.6708016	-104.4273628

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.00	
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.000	0.00	
3	1779.93	29.60	163.09	1714.98	-357.68	108.71	2.00	163.094	-107.78	
4	1956.63	29.60	163.09	1868.62	-441.18	134.09	0.00	0.000	-132.94	
5	3062.08	60.00	269.85	2743.34	-744.47	-327.31	6.50	119.232	329.26	
6	3262.08	60.00	269.85	2843.34	-744.92	-500.51	0.00	0.000	502.46	
7	3573.09	91.10	269.85	2920.00	-745.70	-798.00	10.00	0.000	799.95	
8	8727.65	91.10	269.85	2820.96	-759.17	-5951.60	0.00	0.000	5953.57	
9	8777.66	91.10	269.85	2820.00	-759.30	-6001.60	0.00	0.000	6003.57	

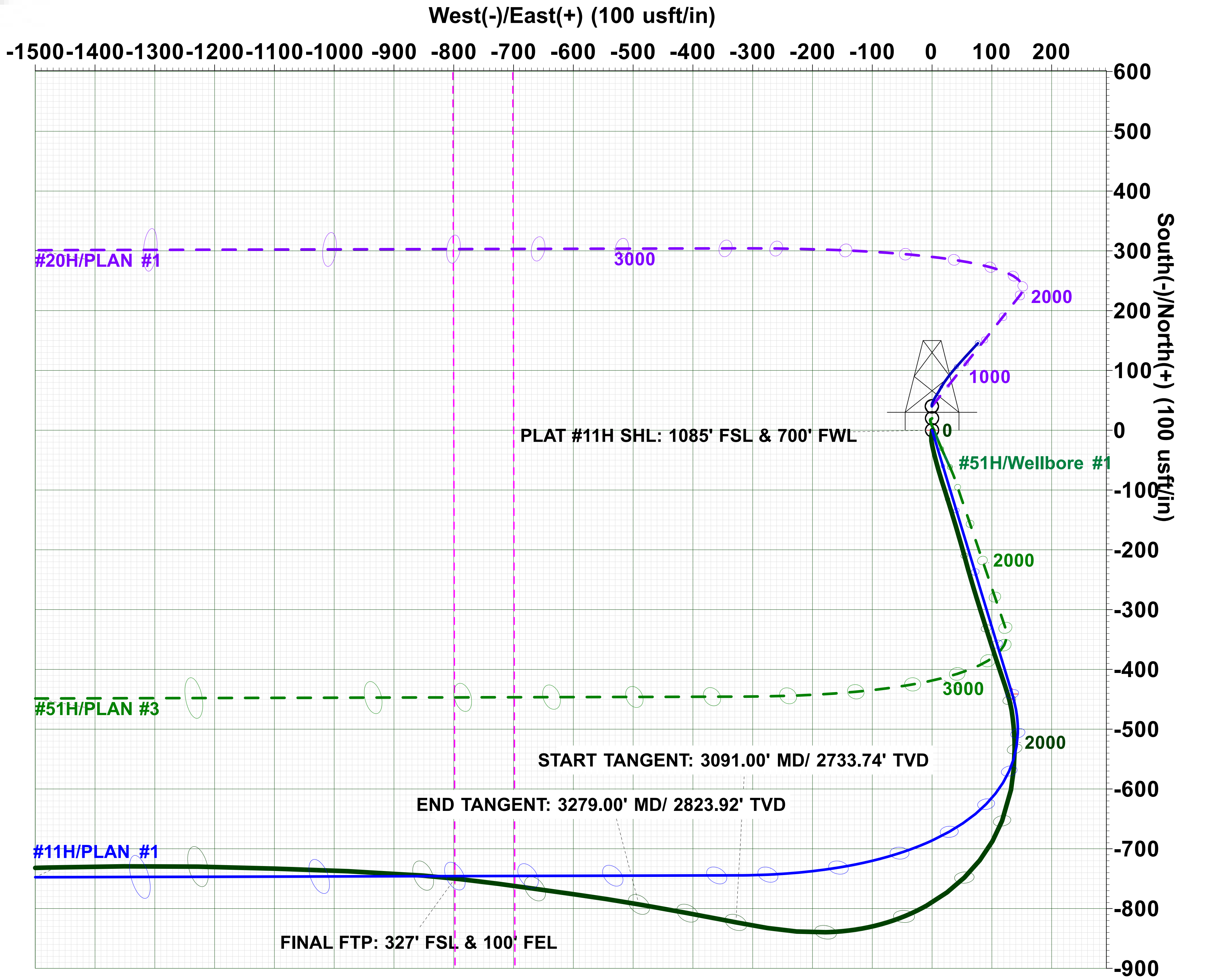
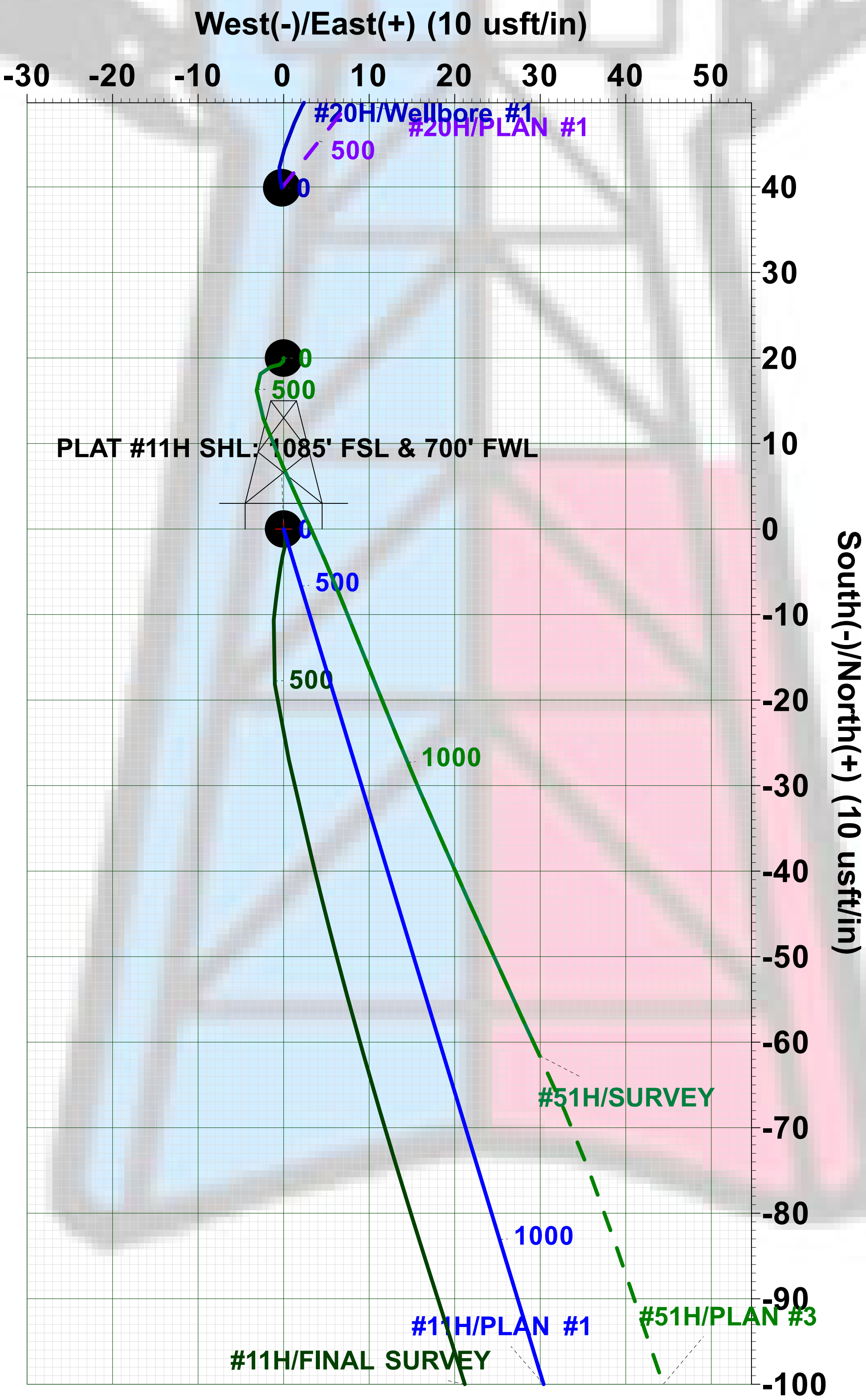
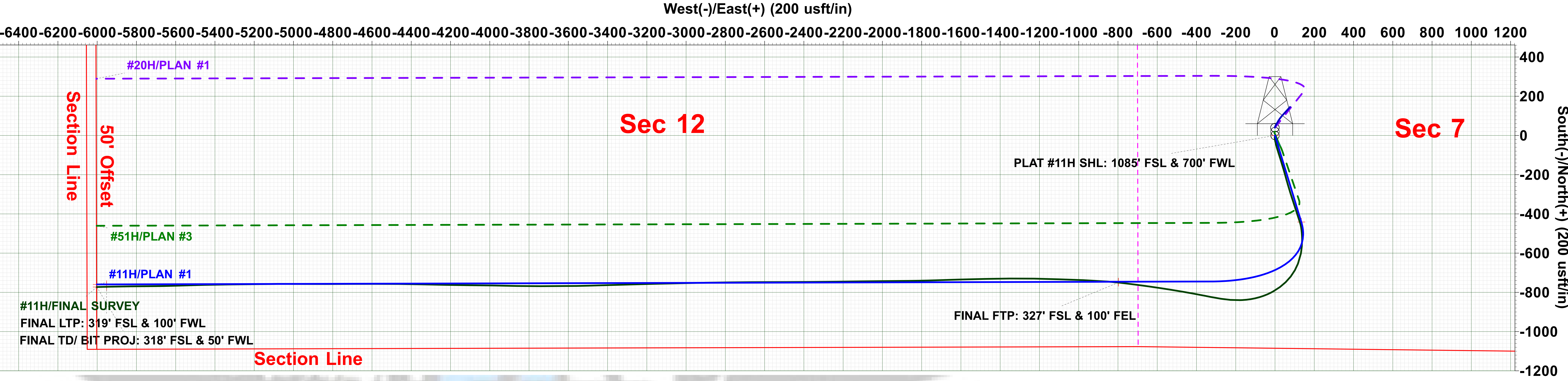
Azimuths to Grid North
True North: 0.05°
Magnetic North: 7.01°

Magnetic Field
Strength: 47657.5snT
Dip Angle: 60.17°
Date: 7/23/2021
Model: IGRF2020

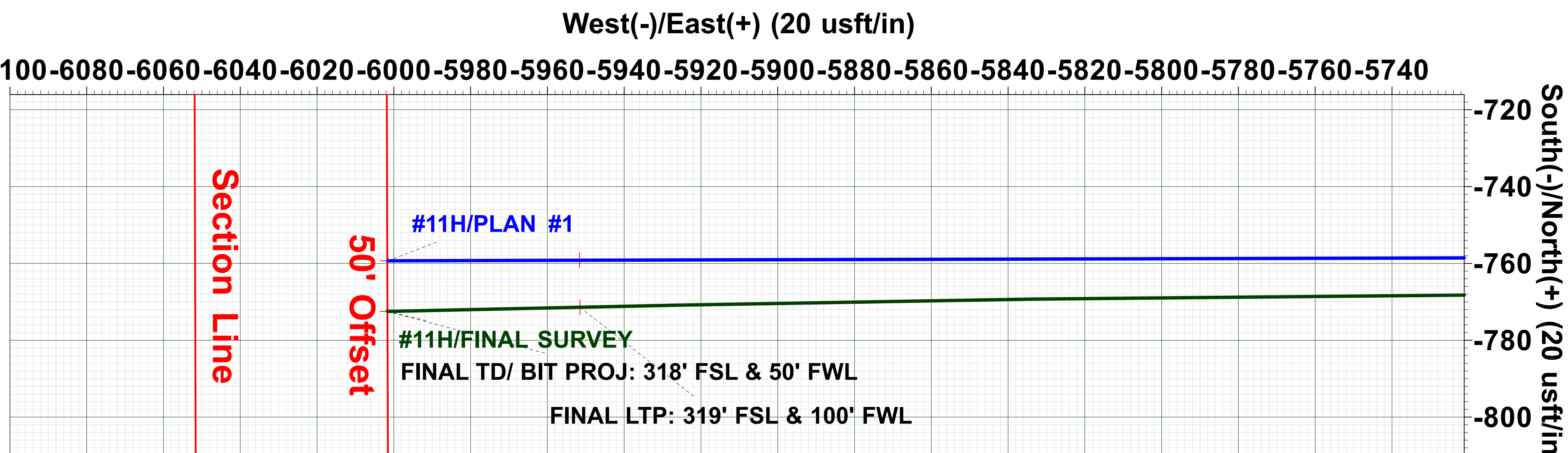
PROJECT DETAILS: Eddy County, NM (NAD 83 - NME)

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.

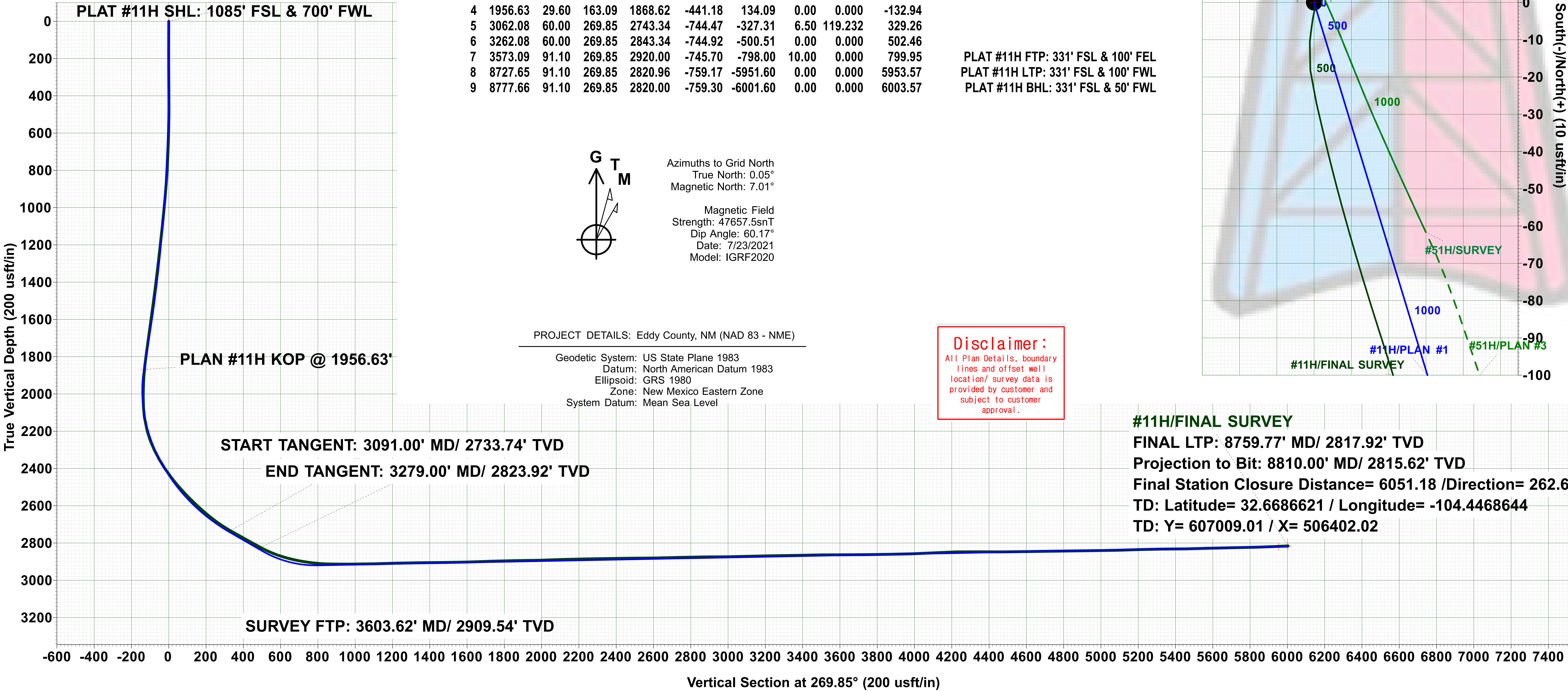


#11H/FINAL SURVEY
FINAL LTP: 8759.77' MD/ 2817.92' TVD
Projection to Bit: 8810.00' MD/ 2815.62' TVD
Final Station Closure Distance= 6051.18 / Direction= 262.67
TD: Latitude= 32.6686621 / Longitude= -104.4468644
TD: Y= 607009.01 / X= 506402.02



Plan: PLAN #1 (#11H/Wellbore #1) AKITA 57

Created By: Matthew May Date: 7:58, September 17 2021



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. 30-015-48644		
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)								2. Type of Lease ☐ STATE ☒ FEE ☐ FED/INDIAN		
								3. State Oil & Gas Lease No.		
5. Lease Name or Unit Agreement Name ROSE SOUTH								6. Well Number: 11H		
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 PENASCO DRAW; SA-YESO (ASSOC)		
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	4	7	19S	26E		1085	SOUTH	700	WEST	EDDY
BH:	M	12	19S	25E		318	SOUTH	50	WEST	EDDY
13. Date Spudded 08/08/2021	14. Date T.D. Reached 09/15/2021		15. Date Rig Released 09/17/2021		16. Date Completed (Ready to Produce) 11/03/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3386' GR		
18. Total Measured Depth of Well 2816'V/8810'M			19. Plug Back Measured Depth 2816'V/8810'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 3612'-8724' YESO										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9-5/8"		36		1265'		12-1/4"		445 SXS (CIRC TO SURFACE)		0
7"		32		3308'		8-3/4"		1450 SXS (CIRC TO SURFACE)		0
5-1/2"		20		8810'		8-3/4"		1450 SXS (CIRC TO SURFACE)		0
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					3-1/2"	2792'				
26. Perforation record (interval, size, and number) 10/18/2021 Pressure test csg to 6000# for 30 minutes, good test. 10/19/2021 RIH & cleanout to PBTD @ 8810'. RIH & perf from 3612'-8724', total 900 shots/ft @ 0.42 shot size. Frac in 25 stages w/ 12268746 gal slickwater and 5020577# sand. 10/28/2021 rig down wireline and cleanout. RIH & set 3-1/2" J-55 tbg @ 2792'.						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						3612'-8724'		12268746 GAL SLICKWATER & 5020577# SAND		
28. PRODUCTION										
Date First Production 01/07/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING ON ESP				Well Status (Prod. or Shut-in) PRODUCING				
Date of Test 01/20/2022	Hours Tested 24-HOURS	Choke Size N/A	Prod'n For Test Period	Oil - Bbl 831	Gas - MCF 977	Water - Bbl. 2967	Gas - Oil Ratio			
Flow Tubing Press. 207	Casing Pressure 159	Calculated 24-Hour Rate	Oil - Bbl. 831	Gas - MCF 977	Water - Bbl. 2967	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) FLARED								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 02/17/2022 E-mail Address SCHAPMAN@SPURENERGY.COM										

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.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	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 915'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 2460'	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 2575'	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

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.....

From	To	Thickness In Feet	Lithology
915' 2460'	2460' 2575'	1545' 115'	DOLOMITE DOLOMITE

TD	8,810'
----	--------

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 82332

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 82332
	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
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Phone:(575) 393-6161 Fax:(575) 393-0720
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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 82332

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 82332
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	6/29/2022