

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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 770024		² OGRID Number 328947	
		³ Reason for Filing Code/ Effective Date NW / 02/17/2022	
⁴ API Number 30 - 0 15-47911	⁵ Pool Name N. SEVEN RIVERS; GLORIETA-YESO		⁶ Pool Code 97565
⁷ Property Code 329966	⁸ Property Name LIVE OAK		⁹ Well Number 1H

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
B	27	19S	25E		1085	NORTH	1663	EAST	EDDY

¹¹ Bottom Hole Location

FTP: 1297' FNL 2512' FWL LTP: 1305' FNL 2509' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	28	19E	25E		1310	NORTH	2613	EAST	EDDY
¹² Lse Code P	¹³ Producing Method Code P	¹⁴ Gas Connection Date 01/09/2022	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 SERVIES, 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 05/22/2021	²² Ready Date 10/18/2021	²³ TD 2486'V/8203'M	²⁴ PBTD 2486'V/8203'M	²⁵ Perforations 3077'-8099'	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	1295'	460 SXS (CIRC TO SURFACE)		
8-3/4"	7" 32# L-80 BK-HT	2878'	1370 SXS (CIRC TO SURFACE)		
8-3/4"	5-1/2" 20# L-80 BK-HT	8203'	1370 SXS (CIRC TO SURFACE)		
	3-1/2" J-55 TBG	2658'			

V. Well Test Data

³¹ Date New Oil 10/16/2021	³² Gas Delivery Date 01/09/2022	³³ Test Date 10/21/2021	³⁴ Test Length 24-HOURS	³⁵ Tbg. Pressure 260	³⁶ Csg. Pressure 353
³⁷ Choke Size N/A	³⁸ Oil 762	³⁹ Water 1364	⁴⁰ Gas 896		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: <i>Sarah Chapman</i>		OIL CONSERVATION DIVISION	
Printed name: SARAH CHAPMAN		Approved by: <i>[Signature]</i>	
Title: REGULATORY DIRECTOR		Title: Petroleum Engineer	
E-mail Address: SCHAPMAN@SPURENERGY.COM		Approval Date: 06/13/22	
Date: 02/17/2022	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 30-015-47911	² Pool Code 97565	³ Pool Name N. SEVEN RIVERS; GLORIETA-YESO
⁴ Property Code 329966	⁵ Property Name LIVE OAK	⁶ Well Number 1H
⁷ OGRID NO. 328947	⁸ Operator Name SPUR ENERGY PARTNERS LLC.	⁹ Elevation 3444'

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
B	27	19S	25E		1085	NORTH	1663	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
B	28	19S	25E		1310	NORTH	2613	EAST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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: 595065.9 - E: 499402.7 LAT: 32.6358112° N LONG: 104.4695605° W <u>FIRST TAKE POINT (FTP)</u> 1297' FNL & 2512' FWL - SEC 27 N: 594890.5 - E: 498351.8 LAT: 32.6353255° N LONG: 104.4729737° W MD: 3077.0 - TVD: 2563.6 <u>LAST TAKE POINT (LTP)</u> 1305' FNL & 2509' FEL - SEC 28 N: 594978.1 - E: 493332.7 LAT: 32.6355470° N LONG: 104.4892788° W MD: 8099.0 - TVD: 2485.2 <u>BOTTOM HOLE (BH)</u> N: 594973.7 - E: 493228.8 LAT: 32.6355344° N LONG: 104.4896162° W MD: 8203.0 - TVD: 2486.3 <u>CORNER DATA</u> NAD 83 GRID - NM EAST A: FOUND 1/2" REBAR N: 590950.1 - E: 490511.8 B: FOUND 10"x8"x2.5" LIMESTONE ROCK N: 596289.2 - E: 490540.3 C: FOUND 1/2" REBAR N: 596283.3 - E: 493191.2 D: FOUND 1" PIPE N: 596277.3 - E: 495841.8 E: FOUND 1/2" REBAR N: 596183.6 - E: 498448.0 F: FOUND 1/2" REBAR N: 596091.2 - E: 501054.3 G: FOUND 1/2" REBAR N: 590847.7 - E: 501100.1 H: FOUND LIMESTONE ROCK N: 590929.4 - E: 498489.6 I: FOUND 1/2" REBAR N: 590944.6 - E: 495839.1 J: FOUND 1/2" REBAR N: 590947.0 - E: 493175.7 K: FOUND 60D NAIL N: 593638.2 - E: 495840.9	¹⁷ OPERATOR CERTIFICATION 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>Sarah Chapman</i> 10/14/2021 Signature Date SARAH CHAPMAN Printed Name SCHAPMAN@SPURENERGY.COM E-mail Address
(B) (A) (J) (I) (H) (G)	¹⁸ SURVEYOR CERTIFICATION 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. 10-05-2021 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number PROF. ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR

LS20110663AC



I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **07/26/21** thru **07/29/21** conduct or supervise the taking of a **MWD Survey** from a depth of **146'** to a depth of **8203'**; 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 **Live Oak 1H** API No. **30-015-47911** 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)

LIVE OAK

#1H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

30 July, 2021





Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3464.00usft (AKITA 57)
Site:	LIVE OAK	MD Reference:	RKB = 20' @ 3464.00usft (AKITA 57)
Well:	#1H	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		LIVE OAK			
Site Position:		Northing:	595,065.90 usft	Latitude:	32.6358113
From:	Map	Easting:	499,402.70 usft	Longitude:	-104.4695605
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	-0.073 °

Well	#1H					
Well Position	+N/-S	0.00 usft	Northing:	595,065.90 usft	Latitude:	32.6358113
	+E/-W	0.00 usft	Easting:	499,402.70 usft	Longitude:	-104.4695605
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,444.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	7/18/2021	6.981	60.137	47,633.37759308

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	271.07	

Survey Program	Date	7/30/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
12.00	1,262.00	Survey #1 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM	
1,329.00	8,203.00	Survey #2 (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	
12.00	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	
146.00	0.40	352.12	146.00	0.46	-0.06	0.07	0.30	0.30	0.00	
232.00	0.40	38.67	232.00	1.00	0.08	-0.06	0.37	0.00	54.13	
327.00	0.62	9.40	326.99	1.76	0.37	-0.34	0.35	0.23	-30.81	
421.00	0.62	257.00	420.99	2.15	-0.04	0.08	1.10	0.00	-119.57	
515.00	1.49	232.65	514.97	1.29	-1.51	1.53	1.02	0.93	-25.90	
609.00	3.12	234.93	608.89	-0.92	-4.57	4.55	1.74	1.73	2.43	
704.00	4.31	232.00	703.69	-4.60	-9.50	9.41	1.27	1.25	-3.08	
798.00	5.10	232.00	797.38	-9.35	-15.58	15.40	0.84	0.84	0.00	



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3464.00usft (AKITA 57)
Site:	LIVE OAK	MD Reference:	RKB = 20' @ 3464.00usft (AKITA 57)
Well:	#1H	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)
892.00	6.81	229.00	890.87	-15.58	-23.08	22.78	1.85	1.82	-3.19
986.00	7.91	225.92	984.09	-23.73	-31.93	31.48	1.24	1.17	-3.28
1,081.00	8.71	224.21	1,078.09	-33.44	-41.64	41.01	0.88	0.84	-1.80
1,175.00	9.14	223.50	1,170.95	-43.96	-51.74	50.91	0.47	0.46	-0.76
1,262.00	9.80	222.89	1,256.77	-54.39	-61.54	60.51	0.77	0.76	-0.70
1,329.00	10.20	223.97	1,322.75	-62.84	-69.54	68.35	0.66	0.60	1.61
1,456.00	10.51	208.15	1,447.71	-81.15	-82.81	81.28	2.25	0.24	-12.46
1,580.00	10.15	209.73	1,569.70	-100.61	-93.57	91.67	0.37	-0.29	1.27
1,643.00	11.52	220.01	1,631.58	-110.25	-100.36	98.29	3.75	2.17	16.32
1,706.00	14.20	231.35	1,693.00	-119.90	-110.45	108.19	5.82	4.25	18.00
1,768.00	17.27	236.54	1,752.67	-129.72	-124.07	121.62	5.44	4.95	8.37
1,831.00	20.48	239.09	1,812.28	-140.54	-141.33	138.68	5.26	5.10	4.05
1,894.00	23.87	242.16	1,870.61	-152.16	-162.06	159.19	5.68	5.38	4.87
1,957.00	28.31	243.13	1,927.18	-164.87	-186.67	183.56	7.08	7.05	1.54
2,019.00	31.21	247.87	1,981.00	-177.57	-214.68	211.32	6.02	4.68	7.65
2,083.00	33.89	253.32	2,034.96	-188.95	-247.14	243.57	6.20	4.19	8.52
2,147.00	35.74	258.86	2,087.51	-197.68	-282.59	278.85	5.72	2.89	8.66
2,210.00	38.77	261.85	2,137.66	-204.03	-320.18	316.31	5.60	4.81	4.75
2,272.00	41.23	264.66	2,185.15	-208.69	-359.75	355.79	4.92	3.97	4.53
2,336.00	44.35	268.09	2,232.12	-211.40	-403.12	399.10	6.08	4.87	5.36
2,398.00	49.71	271.52	2,274.37	-211.49	-448.46	444.43	9.54	8.65	5.53
2,461.00	55.56	274.33	2,312.59	-208.89	-498.43	494.44	9.94	9.29	4.46
2,524.00	57.10	274.51	2,347.52	-204.85	-550.70	546.78	2.46	2.44	0.29
2,586.00	59.78	274.42	2,379.97	-200.74	-603.37	599.51	4.32	4.32	-0.15
2,618.00	59.52	274.42	2,396.14	-198.61	-630.90	627.08	0.81	-0.81	0.00
2,650.00	59.25	274.51	2,412.43	-196.47	-658.36	654.57	0.88	-0.84	0.28
2,681.00	58.90	274.59	2,428.36	-194.36	-684.86	681.12	1.15	-1.13	0.26
2,713.00	58.68	274.42	2,444.95	-192.21	-712.15	708.44	0.82	-0.69	-0.53
2,745.00	58.37	274.33	2,461.65	-190.13	-739.36	735.68	1.00	-0.97	-0.28
2,776.00	59.69	274.33	2,477.61	-188.12	-765.87	762.22	4.26	4.26	0.00
2,839.00	65.54	273.71	2,506.57	-184.21	-821.64	818.06	9.33	9.29	-0.98
2,935.00	73.32	272.75	2,540.28	-179.17	-911.31	907.81	8.16	8.10	-1.00
2,998.00	79.52	271.60	2,555.06	-176.85	-972.47	969.00	10.00	9.84	-1.83
3,062.00	85.89	270.73	2,563.18	-175.56	-1,035.91	1,032.45	10.04	9.95	-1.36
3,123.00	91.16	270.81	2,564.75	-174.75	-1,096.86	1,093.41	8.64	8.64	0.13
3,187.00	90.95	270.73	2,563.57	-173.89	-1,160.85	1,157.40	0.35	-0.33	-0.12
3,312.00	91.60	270.64	2,560.79	-172.39	-1,285.81	1,282.36	0.52	0.52	-0.07
3,438.00	91.16	270.73	2,557.76	-170.89	-1,411.76	1,408.32	0.36	-0.35	0.07
3,564.00	92.79	272.31	2,553.42	-167.55	-1,537.63	1,534.24	1.80	1.29	1.25
3,691.00	92.13	272.04	2,547.97	-162.73	-1,664.42	1,661.09	0.56	-0.52	-0.21
3,817.00	91.82	272.04	2,543.62	-158.25	-1,790.27	1,787.00	0.25	-0.25	0.00
3,943.00	91.38	271.52	2,540.10	-154.34	-1,916.16	1,912.94	0.54	-0.35	-0.41
4,069.00	90.95	270.99	2,537.54	-151.58	-2,042.10	2,038.91	0.54	-0.34	-0.42



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3464.00usft (AKITA 57)
Site:	LIVE OAK	MD Reference:	RKB = 20' @ 3464.00usft (AKITA 57)
Well:	#1H	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)
4,194.00	90.64	270.55	2,535.81	-149.90	-2,167.08	2,163.90	0.43	-0.25	-0.35
4,319.00	90.42	270.20	2,534.65	-149.08	-2,292.07	2,288.89	0.33	-0.18	-0.28
4,445.00	90.29	270.73	2,533.87	-148.06	-2,418.06	2,414.88	0.43	-0.10	0.42
4,571.00	89.54	270.20	2,534.06	-147.03	-2,544.06	2,540.87	0.73	-0.60	-0.42
4,697.00	90.81	270.29	2,533.67	-146.50	-2,670.05	2,666.85	1.01	1.01	0.07
4,822.00	92.48	269.85	2,530.09	-146.34	-2,795.00	2,791.78	1.38	1.34	-0.35
4,949.00	92.44	269.85	2,524.63	-146.67	-2,921.88	2,918.63	0.03	-0.03	0.00
5,075.00	92.44	270.02	2,519.27	-146.82	-3,047.76	3,044.49	0.13	0.00	0.13
5,201.00	90.51	271.25	2,516.03	-145.42	-3,173.71	3,170.44	1.82	-1.53	0.98
5,327.00	90.90	271.25	2,514.48	-142.67	-3,299.67	3,296.43	0.31	0.31	0.00
5,454.00	90.07	270.90	2,513.40	-140.29	-3,426.64	3,423.42	0.71	-0.65	-0.28
5,575.00	89.49	270.55	2,513.87	-138.76	-3,547.63	3,544.42	0.56	-0.48	-0.29
5,695.00	91.21	270.73	2,513.13	-137.42	-3,667.61	3,664.41	1.44	1.43	0.15
5,815.00	91.38	272.40	2,510.42	-134.14	-3,787.53	3,784.37	1.40	0.14	1.39
5,935.00	90.64	272.04	2,508.31	-129.49	-3,907.42	3,904.32	0.69	-0.62	-0.30
6,056.00	89.80	271.69	2,507.84	-125.56	-4,028.36	4,025.31	0.75	-0.69	-0.29
6,177.00	91.16	271.96	2,506.83	-121.70	-4,149.29	4,146.29	1.15	1.12	0.22
6,299.00	92.48	273.36	2,502.95	-116.05	-4,271.09	4,268.18	1.58	1.08	1.15
6,419.00	92.13	272.66	2,498.13	-109.75	-4,390.83	4,388.01	0.65	-0.29	-0.58
6,539.00	92.22	272.48	2,493.57	-104.37	-4,510.62	4,507.88	0.17	0.07	-0.15
6,660.00	90.90	272.66	2,490.28	-98.95	-4,631.45	4,628.79	1.10	-1.09	0.15
6,783.00	90.81	272.40	2,488.44	-93.52	-4,754.32	4,751.74	0.22	-0.07	-0.21
6,909.00	89.58	271.60	2,488.01	-89.12	-4,880.23	4,877.72	1.16	-0.98	-0.63
7,035.00	89.58	270.64	2,488.94	-86.66	-5,006.21	5,003.71	0.76	0.00	-0.76
7,160.00	90.11	270.81	2,489.28	-85.08	-5,131.20	5,128.71	0.45	0.42	0.14
7,286.00	90.55	270.73	2,488.55	-83.39	-5,257.18	5,254.71	0.35	0.35	-0.06
7,412.00	90.86	270.64	2,487.00	-81.88	-5,383.16	5,380.69	0.26	0.25	-0.07
7,537.00	91.12	270.55	2,484.84	-80.58	-5,508.14	5,505.67	0.22	0.21	-0.07
7,664.00	89.80	270.02	2,483.82	-79.95	-5,635.13	5,632.65	1.12	-1.04	-0.42
7,790.00	89.93	269.50	2,484.12	-80.48	-5,761.13	5,758.62	0.43	0.10	-0.41
7,916.00	90.07	268.88	2,484.12	-82.26	-5,887.11	5,884.55	0.50	0.11	-0.49
8,042.00	89.49	268.09	2,484.60	-85.59	-6,013.07	6,010.42	0.78	-0.46	-0.63
8,127.00	89.36	267.47	2,485.45	-88.88	-6,098.00	6,095.27	0.75	-0.15	-0.73
8,203.00	89.36	267.47	2,486.30	-92.24	-6,173.92	6,171.12	0.00	0.00	0.00



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3464.00usft (AKITA 57)
Site:	LIVE OAK	MD Reference:	RKB = 20' @ 3464.00usft (AKITA 57)
Well:	#1H	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 LTP/1307' FNL - actual wellpath misses target center by 17.32usft at 8127.00usft MD (2485.45 TVD, -88.88 N, -6098.00 E) - Point	0.00	0.00	2,485.65	-89.65	-6,115.30	594,976.26	493,287.40	32.6355418	-104.4894258
FINAL TD/ 1309' FNL, - actual wellpath hits target center - Point	0.00	360.00	2,486.30	-92.24	-6,173.92	594,973.67	493,228.78	32.6355344	-104.4896162
FINAL FTP/ 1296' FNI - actual wellpath hits target center - Point	0.00	0.00	2,563.74	-175.46	-1,044.40	594,890.45	498,358.30	32.6353253	-104.4729525

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,586.00	2,379.97	-200.74	-603.37	START TANGENT: 2586.00' MD/ 2379.97' TVD
2,776.00	2,477.61	-188.12	-765.87	END TANGENT: 2776.00' MD/ 2477.61' TVD
8,203.00	2,486.30	-92.24	-6,173.92	TD: Latitude= 32.6355344 / Longitude= -104.4896162
8,203.00	2,486.30	-92.24	-6,173.92	TD: Y= 594973.66 / X= 493228.78
8,203.00	2,486.30	-92.24	-6,173.92	Projection to Bit: 8203.00' MD/ 2486.30' TVD
8,203.00	2,486.30	-92.24	-6,173.92	Final Station Closure Distance= 6174.61 /Direction= 269.14

Checked By: _____ Approved By: _____ Date: _____



Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: LIVE OAK
Well: #1H
Wellbore: Wellbore #1
Rig: AKITA 57
Design: PLAN #2 / 7:40, July 30 2021



WELL DETAILS: #1H

RKB = 20' @ 3464.00usft (AKITA 57)

	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
	0.00	0.00	595065.90	499402.70	32.6358113	-104.4695605

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

DESIGN TARGET DETAILS

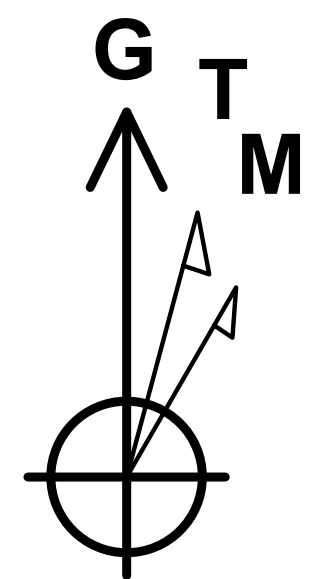
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
FINAL FTP/ 1296' FNL, 2517' FWL @ 3070.51' MD	2563.74	-175.46	-1044.40	594890.44	498358.30	32.6353253	-104.4729525
FINAL LTP/1307' FNL, 2554' FEL @ 8144.32' MD	2485.65	-89.65	-6115.30	594976.25	493287.40	32.6355417	-104.4894258
FINAL TD/ 1309' FNL,2612' FEL @ 8203' MD	2486.30	-92.24	-6173.92	594973.66	493228.78	32.6355344	-104.4896162
PLAN #1H KOP: 16143.11' MD	1631.76	-110.79	-99.51	594955.11	499303.19	32.6355064	-104.4698833
PLAT #1H FTP/ LP: 1290' FNL & 2519' FWL	2545.00	-168.40	-1044.40	594897.50	498358.30	32.6353447	-104.4729525
PLAT #1H PBHL: 1290' FNL & 2605' FEL	2485.00	-72.40	-6165.20	594993.50	493237.50	32.6355889	-104.4895880
PLAT #1HLTP: 1290' FNL & 2555' FEL	2485.58	-72.50	-6115.30	594993.40	493287.40	32.6355889	-104.4894259
PLAT #1HSHL: 1085' FNL & 1663' FEL	0.00	0.00	0.00	595065.90	499402.70	32.6358113	-104.4695605

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSec
1	1262.00	9.80	222.89	1256.77	-54.39	-61.54	0.00	60.51
2	1320.76	10.33	213.25	1314.63	-62.46	-67.83	3.00	66.65
3	1643.11	10.33	213.25	1631.76	-110.79	-99.51	0.00	97.42
4	2558.63	60.00	271.07	2368.28	-177.14	-578.09	6.00	574.68
5	2758.63	60.00	271.07	2468.28	-173.90	-751.26	0.00	747.88
6	3065.34	90.67	271.07	2545.00	-168.40	-1044.40	10.00	1041.07
7	8137.49	90.67	271.07	2485.58	-73.34	-6115.32	0.00	6112.88
8	8187.39	90.67	271.07	2485.00	-72.40	-6165.20	0.00	6162.77

CORRECTION REFERENCE DATA:

To convert a Magnetic Direction to a Grid Direction, Add 7.054°
To convert a True Direction to a Grid Direction, Add 0.073°
To convert a Magnetic Direction to a True Direction, Add 6.981° East
Magnetic Declination: 6.981°
Magnetic Dip Angle: 60.137°
Magnetic Field Strength: 47633.37759308nT



Azimuths to Grid North
True North: 0.07°
Magnetic North: 7.05°

Magnetic Field
Strength: 47633.4snT
Dip Angle: 60.14°
Date: 7/18/2021
Model: IGRF2020

FINAL LTP/1307' FNL, 2554' FEL @ 8144.32' MD
FINAL TD/ 1309' FNL,2612' FEL @ 8203' MD

TD: Latitude= 32.6355344 / Longitude= -104.4896162

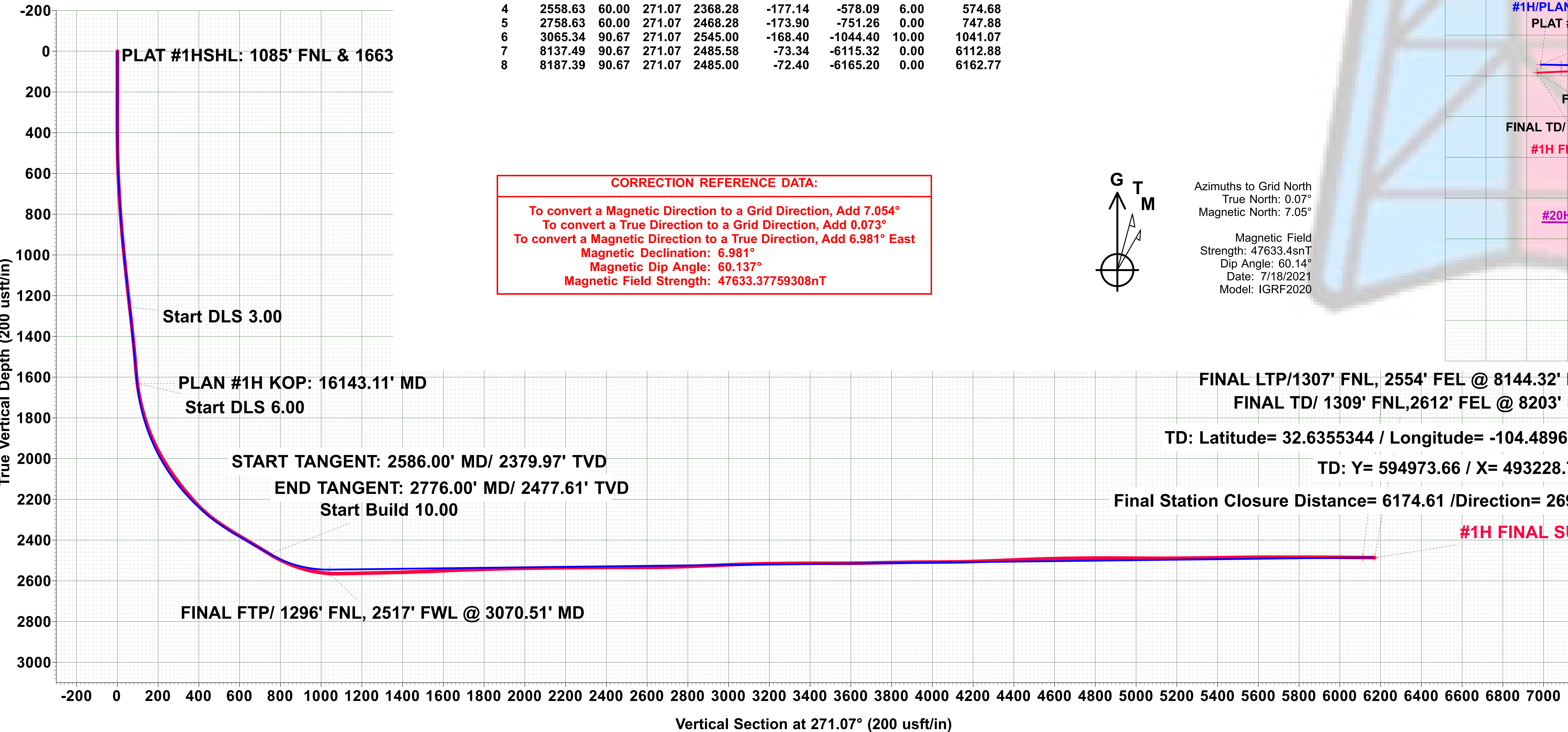
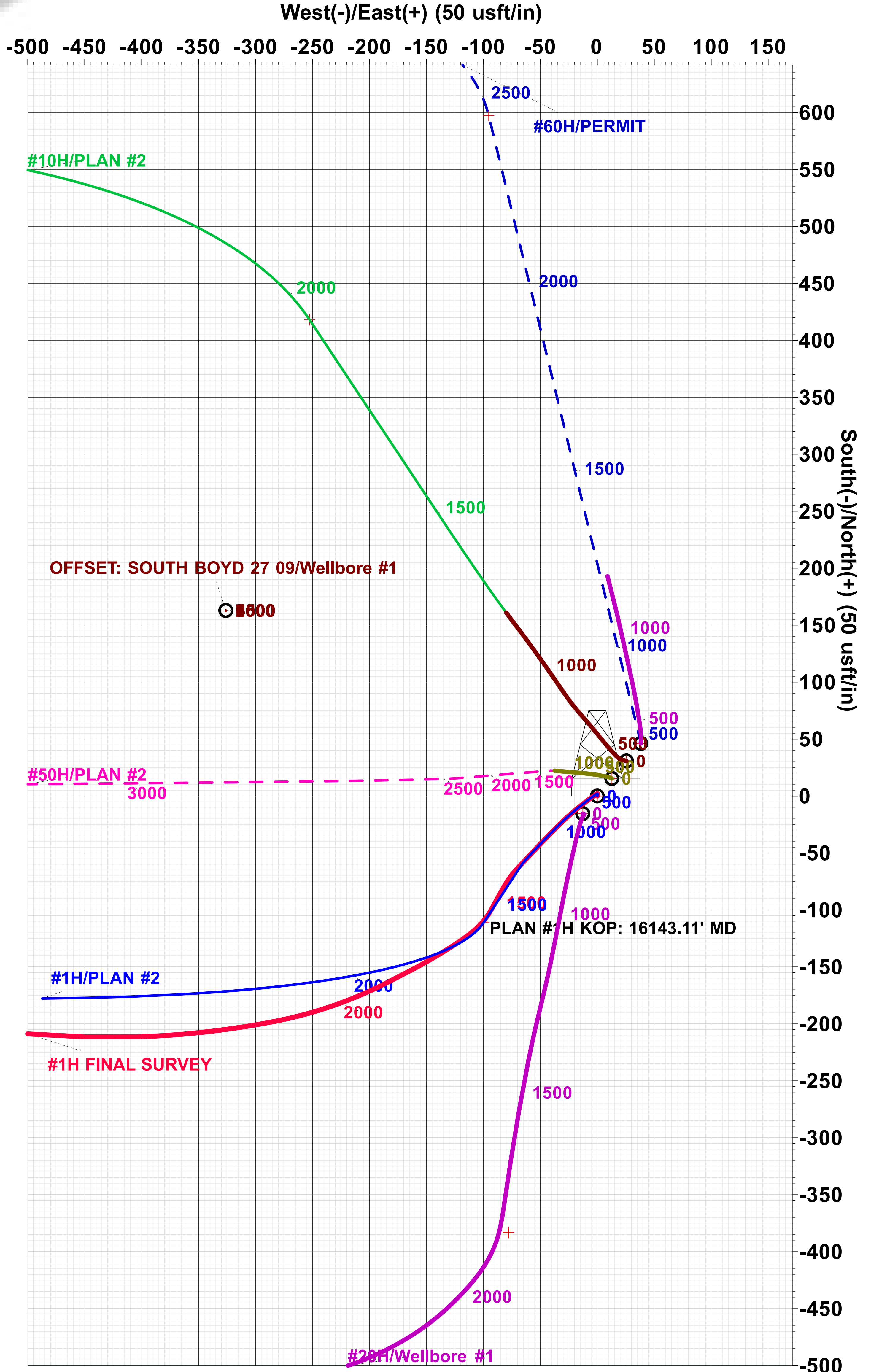
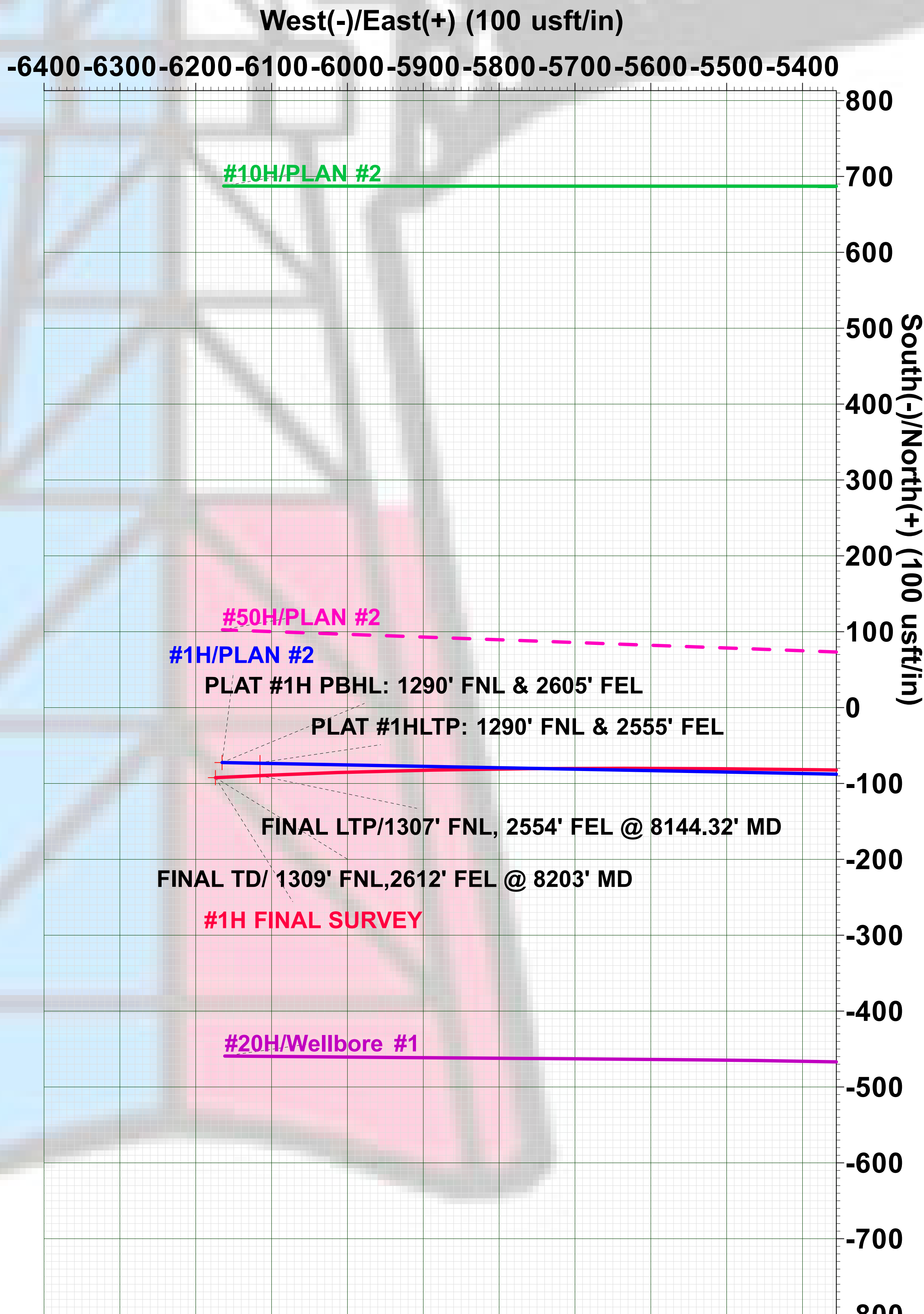
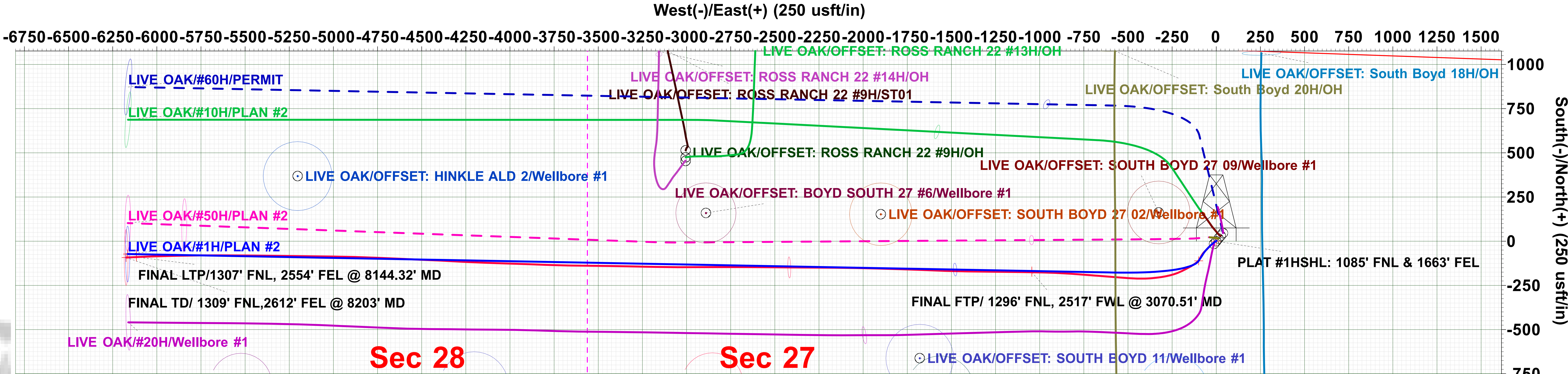
TD: Y= 594973.66 / X= 493228.78

Final Station Closure Distance= 6174.61 /Direction= 269.14

#1H 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 #2 (#1H/Wellbore #1) AKITA 57

Created By: Matthew May Date: 7:40, July 30 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					
1. WELL API NO. 30-015-47911								2. Type of Lease ☐ STATE ☒ FEE ☐ FED/INDIAN		
3. State Oil & Gas Lease No.								5. Lease Name or Unit Agreement Name LIVE OAK		
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								6. Well Number: 1H		
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)								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 N. SEVEN RIVERS; GLORIETA-YESO				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	27	19S	25E		1085	NORTH	1663	EAST	EDDY
BH:	B	28	19S	25E		1310	NORTH	2613	EAST	EDDY
13. Date Spudded 05/22/2021	14. Date T.D. Reached 07/28/2021		15. Date Rig Released 07/30/2021		16. Date Completed (Ready to Produce) 10/18/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3444' GR		
18. Total Measured Depth of Well 2486'V-8203'M			19. Plug Back Measured Depth 2486'V/8203'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 3077'-8099' 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		1295'		12-1/4"		460 SXS (CIRC TO SURFACE)		0
7"		32		2878'		8-3/4"		1370 SXS (CIRC TO SURFACE)		0
5-1/2"		20		8203'		8-3/4"		1370 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"	2658'			
26. Perforation record (interval, size, and number) 9/25/2021 Pressure test csg to 6000# for 30 minutes, good test. 9/26/2021 RIH & cleanout to PBTD @ 8203'. RIH & perf from 3077'-8099', total 900 shots/ft @ 0.42 shot size. Frac in 25 w/ 12375762 gal slickwater and 5018721# sand. 10/4/2021 rig down wireline and cleanout. RIH & set 3-1/2" J-55 tbg @ 2658'.						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						3077'-8099'		12375762 gal slickwater and 5018721# sand		
28. PRODUCTION										
Date First Production 10/16/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING ON ESP				Well Status (Prod. or Shut-in) PRODUCING				
Date of Test 10/21/2021	Hours Tested 24-HOURS	Choke Size NA	Prod'n For Test Period	Oil - Bbl 762	Gas - MCF 896	Water - Bbl. 1364	Gas - Oil Ratio			
Flow Tubing Press. 260	Casing Pressure 353	Calculated 24-Hour Rate	Oil - Bbl. 762	Gas - MCF 863	Water - Bbl. 1364	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) FLARED BUT NOW TIED IN							30. Test Witnessed By			
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.

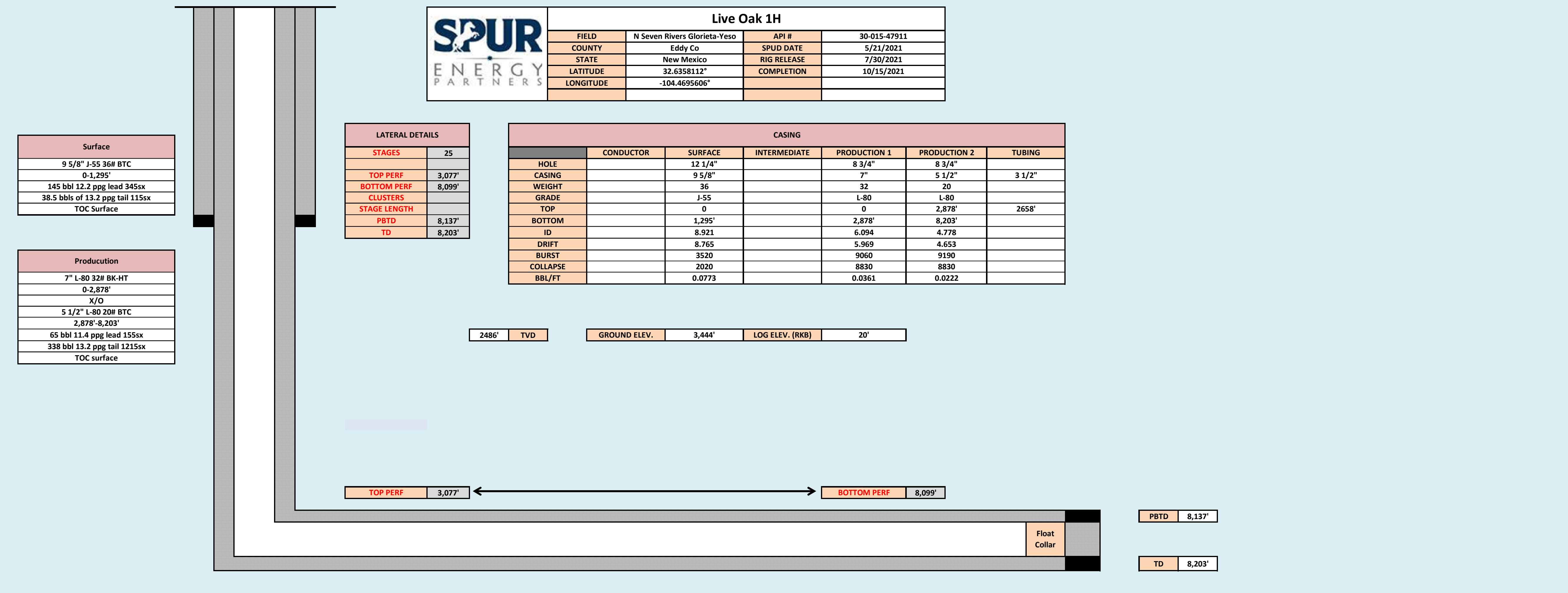
Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 735'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 2285'	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 2415'	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
735' 2285	2285' 2415'	1550' 130'	DOLOMITE 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 82234

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 82234
	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.
Santa Fe, NM 87505

CONDITIONS

Action 82234

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 82234
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	6/13/2022