

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 RT 08/16/2021
⁴ API Number 30 - 0 15-48120	⁵ Pool Name LOCO HILLS; GLORIETA-YESO	⁶ Pool Code 96718
⁷ Property Code 330331	⁸ Property Name SHORTY 2 STATE COM	⁹ Well Number 70H

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
E	02	17S	30E		1998	NORTH	205	WEST	EDDY

¹¹ Bottom Hole Location FTP: 2043' FNL 915' FWL LTP: 2047' FNL 338' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	02	17S	30E		2047	NORTH	238	EAST	EDDY
¹² Lse Code S	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 REFINING & MARKETING LLC 4200 EAST SKELLY DRIVE, SUITE 700, TULSA, OK 74135	G
33479	HOLLYFRONITER REFINING & MARKETING 2828 N. HARWOOD, SUITE 1300, DALLAS, TX 75201	O

IV. Well Completion Data

²¹ Spud Date 05/12/2021	²² Ready Date 08/16/2021	²³ TD 5176'V/9833'M	²⁴ PBTD 5176'V/9833'M	²⁵ Perforations 5705'-9733'	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		420'	360 SXS (CIRC TO SURFACE)
12-1/4"		9-5/8" 36# J-55 BTC		1785'	565 SXS (CIRC TO SURFACE)
8-3/4"		7" 32# L-80 BK-HT 5-1/2" 20# L-80 BK-HT		5600' 9833'	1480 SXS (CIRC TO SURFACE)

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Sarah Chapman</i>			OIL CONSERVATION DIVISION		
Printed name: SARAH CHAPMAN			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: REGULATORY DIRECTOR			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: SCHAPMAN@SPUREPLLC.COM			Approval Date: <i>4/14/2022</i>		
Date: 08/16/2021		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

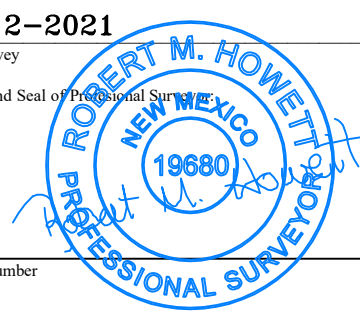
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-48120		2 Pool Code 96718		3 Pool Name LOCO HILLS; GLORIETA-YESO					
4 Property Code 330331		5 Property Name SHORTY 2 STATE COM						6 Well Number 70H	
7 GRID NO. 328947		8 Operator Name SPUR ENEGY PARTNERS LLC						9 Elevation 3751'	
10 Surface Location									
UL or lot no. E	Section 2	Township 17S	Range 30E	Lot Idn	Feet from the 1998	North/South line NORTH	Feet From the 205	East/West line WEST	County EDDY
11 Bottom Hole Location If Different From Surface									
UL or lot no. H	Section 2	Township 17S	Range 30E	Lot Idn	Feet from the 2047	North/South line NORTH	Feet from the 238	East/West line EAST	County EDDY
12 Dedicated Acres 160		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: 678733.1 - E: 658883.9 LAT: 32.8652736° N LONG: 103.9504990° W <u>FIRST TAKE POINT (FTP)</u> 2043' FNL & 915' FWL N: 678689.9 - E: 659594.6 LAT: 32.8651478° N LONG: 103.9481850° W MD: 5705.0 - TVD: 5181.1 <u>LAST TAKE POINT (LTP)</u> 2047' FNL & 338' FEL N: 678700.2 - E: 663621.3 LAT: 32.8651349° N LONG: 103.9350706° W MD: 9733.0 - TVD: 5173.7		<u>BOTTOM HOLE (BH)</u> N: 678699.7 - E: 663721.3 LAT: 32.8651325° N LONG: 103.9347450° W MD: 9833.0 - TVD: 5176.0 <u>CORNER DATA</u> NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1916" N 675443.0 - E 653411.2 B: FOUND BRASS CAP "1916" N 678082.1 - E 653402.4 C: FOUND BRASS CAP "1916" N 680713.3 - E 653392.4 D: FOUND BRASS CAP "1916" N 680722.0 - E 656032.0		E: FOUND BRASS CAP "1916" N 680729.8 - E 658673.7 F: FOUND BRASS CAP "1916" N 680738.2 - E 661314.5 G: FOUND BRASS CAP "1916" N 680747.5 - E 663952.3 H: FOUND BRASS CAP "1916" N 678115.0 - E 663961.8 I: FOUND BRASS CAP "1916" N 675482.0 - E 663970.7 J: FOUND BRASS CAP "1916" N 675465.0 - E 661330.4 K: FOUND BRASS CAP "1916" N 675454.6 - E 658689.2 L: FOUND BRASS CAP "1916" N 678091.2 - E 658681.2		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> 08/16/2021 Signature Date SARAH CHAPMAN Printed Name SCHAPMAN@SPUREPLLC.COM E-mail Address	
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. 08-12-2021 Date of Survey Signature and Seal of Professional Surveyor:  19680 Certificate Number		Job No: LS21010060-AC					



I **Larry Wright** certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **06/03/21** thru **06/11/21** conduct or supervise the taking of a **MWD Survey** from a depth of **425'** to a depth of **9833'**; 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 **Shorty 2 State Com 70H** API No. **30-015-48120** 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)

SHORTY 2 STATE COM (10-20-70)

#70H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

11 June, 2021





Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #70H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3771.00usft (Akita 57)
Site:	SHORTY 2 STATE COM (10-20-70)	MD Reference:	RKB = 20' @ 3771.00usft (Akita 57)
Well:	#70H	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						SHORTY 2 STATE COM (10-20-70)											
Site Position:						Northing:			678,753.20 usft			Latitude:			32.8653287		
From:			Map			Easting:			658,884.00 usft			Longitude:			-103.9504986		
Position Uncertainty:			0.00 usft			Slot Radius:			13.200 in			Grid Convergence:			0.208 °		

Well	#70H					
Well Position	+N/-S	0.00 usft	Northing:	678,733.10 usft	Latitude:	32.8652716
	+E/-W	0.00 usft	Easting:	659,078.90 usft	Longitude:	-103.9498641
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,751.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	5/19/2021	6.781	60.429	47,838.79219137

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	89.81	

Survey Program	Date	6/11/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
20.00	425.00	INVICTUS TOOL (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM	
468.00	9,833.00	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	
20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	
109.00	0.30	128.59	109.00	-0.15	0.18	0.18	0.34	0.34	0.00	
137.00	0.30	248.59	137.00	-0.22	0.17	0.17	1.86	0.00	428.57	
167.00	0.20	17.59	167.00	-0.20	0.11	0.11	1.51	-0.33	430.00	
195.00	0.30	200.59	195.00	-0.22	0.10	0.10	1.79	0.36	-632.14	
222.00	0.60	317.59	222.00	-0.18	-0.02	-0.02	2.90	1.11	433.33	
250.00	0.40	238.59	250.00	-0.12	-0.20	-0.20	2.34	-0.71	-282.14	
281.00	0.30	322.59	281.00	-0.12	-0.34	-0.34	1.53	-0.32	270.97	
312.00	0.20	221.59	312.00	-0.09	-0.43	-0.43	1.26	-0.32	-325.81	



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #70H
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Site:	SHORTY 2 STATE COM (10-20-70)	MD Reference:	RKB = 20' @ 3771.00usft (Akita 57)
Well:	#70H	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)
344.00	0.20	299.59	344.00	-0.11	-0.51	-0.51	0.79	0.00	243.75
375.00	0.50	276.59	375.00	-0.06	-0.69	-0.69	1.05	0.97	-74.19
407.00	0.40	303.59	407.00	0.01	-0.93	-0.93	0.72	-0.31	84.37
425.00	0.20	263.59	425.00	0.05	-1.01	-1.01	1.55	-1.11	-222.22
468.00	0.62	252.75	467.99	-0.03	-1.31	-1.31	0.99	0.98	-25.21
591.00	2.33	246.07	590.95	-1.24	-4.23	-4.23	1.39	1.39	-5.43
710.00	4.13	249.24	709.76	-3.74	-10.45	-10.46	1.52	1.51	2.66
831.00	5.14	259.79	830.36	-6.25	-19.85	-19.87	1.09	0.83	8.72
951.00	5.41	265.85	949.85	-7.61	-30.79	-30.81	0.52	0.22	5.05
1,071.00	5.19	269.63	1,069.34	-8.06	-41.86	-41.88	0.34	-0.18	3.15
1,191.00	4.88	274.73	1,188.88	-7.67	-52.37	-52.40	0.45	-0.26	4.25
1,314.00	4.79	266.29	1,311.44	-7.57	-62.71	-62.73	0.58	-0.07	-6.86
1,439.00	4.57	258.99	1,436.03	-8.86	-72.81	-72.83	0.51	-0.18	-5.84
1,565.00	4.13	259.08	1,561.66	-10.68	-82.19	-82.22	0.35	-0.35	0.07
1,692.00	3.74	255.39	1,688.36	-12.59	-90.69	-90.73	0.37	-0.31	-2.91
1,721.00	3.74	253.55	1,717.30	-13.09	-92.51	-92.55	0.41	0.00	-6.34
1,832.00	3.21	256.62	1,828.10	-14.84	-99.00	-99.05	0.51	-0.48	2.77
1,958.00	3.03	256.09	1,953.91	-16.46	-105.67	-105.72	0.14	-0.14	-0.42
2,082.00	4.70	263.48	2,077.62	-17.82	-113.90	-113.96	1.40	1.35	5.96
2,207.00	4.66	261.81	2,202.21	-19.13	-124.01	-124.07	0.11	-0.03	-1.34
2,362.00	4.62	264.09	2,356.70	-20.67	-136.45	-136.52	0.12	-0.03	1.47
2,489.00	4.26	259.79	2,483.32	-22.03	-146.18	-146.26	0.39	-0.28	-3.39
2,614.00	3.87	259.26	2,608.00	-23.64	-154.90	-154.97	0.31	-0.31	-0.42
2,740.00	3.60	260.58	2,733.74	-25.08	-162.98	-163.06	0.22	-0.21	1.05
2,866.00	3.60	261.28	2,859.49	-26.32	-170.79	-170.88	0.03	0.00	0.56
2,992.00	3.34	255.92	2,985.26	-27.82	-178.26	-178.35	0.33	-0.21	-4.25
3,119.00	5.19	266.73	3,111.90	-29.04	-187.58	-187.68	1.58	1.46	8.51
3,244.00	5.45	267.61	3,236.36	-29.61	-199.16	-199.26	0.22	0.21	0.70
3,371.00	5.45	272.88	3,362.79	-29.56	-211.21	-211.31	0.39	0.00	4.15
3,497.00	5.41	274.20	3,488.22	-28.83	-223.11	-223.20	0.10	-0.03	1.05
3,624.00	3.87	268.31	3,614.81	-28.52	-233.36	-233.46	1.27	-1.21	-4.64
3,750.00	3.56	266.20	3,740.54	-28.90	-241.52	-241.61	0.27	-0.25	-1.67
3,877.00	3.34	262.69	3,867.31	-29.63	-249.12	-249.22	0.24	-0.17	-2.76
4,003.00	3.08	258.38	3,993.11	-30.78	-256.08	-256.18	0.28	-0.21	-3.42
4,066.00	3.34	258.20	4,056.01	-31.50	-259.53	-259.63	0.41	0.41	-0.29
4,129.00	1.93	236.06	4,118.95	-32.46	-262.21	-262.31	2.72	-2.24	-35.14
4,192.00	1.01	198.26	4,181.93	-33.58	-263.26	-263.37	2.05	-1.46	-60.00
4,255.00	5.36	113.01	4,244.83	-35.26	-260.73	-260.84	8.53	6.90	-135.32
4,318.00	9.32	107.21	4,307.30	-37.92	-253.14	-253.27	6.39	6.29	-9.21
4,381.00	13.71	105.80	4,369.02	-41.47	-241.08	-241.22	6.98	6.97	-2.24
4,444.00	18.20	104.66	4,429.58	-45.99	-224.37	-224.52	7.14	7.13	-1.81
4,507.00	22.86	99.21	4,488.57	-50.44	-202.76	-202.92	7.99	7.40	-8.65
4,570.00	25.63	96.05	4,546.01	-53.84	-177.12	-177.30	4.85	4.40	-5.02



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #70H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3771.00usft (Akita 57)
Site:	SHORTY 2 STATE COM (10-20-70)	MD Reference:	RKB = 20' @ 3771.00usft (Akita 57)
Well:	#70H	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)
4,634.00	28.22	97.19	4,603.06	-57.19	-148.34	-148.53	4.13	4.05	1.78
4,696.00	32.04	93.15	4,656.68	-59.93	-117.36	-117.56	6.97	6.16	-6.52
4,759.00	35.96	87.87	4,708.91	-60.16	-82.17	-82.37	7.78	6.22	-8.38
4,822.00	40.13	85.06	4,758.52	-57.73	-43.44	-43.63	7.17	6.62	-4.46
4,883.00	44.00	87.52	4,803.80	-55.12	-2.67	-2.85	6.89	6.34	4.03
4,943.00	47.87	89.37	4,845.52	-53.97	40.42	40.24	6.82	6.45	3.08
5,004.00	51.47	87.43	4,885.00	-52.65	86.89	86.72	6.38	5.90	-3.18
5,063.00	54.46	86.47	4,920.53	-50.14	133.92	133.75	5.23	5.07	-1.63
5,123.00	57.32	86.64	4,954.17	-47.15	183.50	183.34	4.77	4.77	0.28
5,184.00	59.38	87.61	4,986.18	-44.55	235.36	235.21	3.64	3.38	1.59
5,213.00	60.13	87.96	5,000.79	-43.59	260.39	260.24	2.79	2.59	1.21
5,243.00	60.00	88.22	5,015.76	-42.72	286.37	286.23	0.87	-0.43	0.87
5,273.00	60.04	87.96	5,030.75	-41.85	312.35	312.21	0.76	0.13	-0.87
5,304.00	59.91	88.05	5,046.26	-40.92	339.17	339.03	0.49	-0.42	0.29
5,334.00	59.82	88.14	5,061.32	-40.06	365.10	364.97	0.40	-0.30	0.30
5,365.00	59.78	87.96	5,076.91	-39.14	391.88	391.75	0.52	-0.13	-0.58
5,395.00	59.78	88.05	5,092.01	-38.24	417.78	417.66	0.26	0.00	0.30
5,425.00	61.85	88.49	5,106.64	-37.45	443.96	443.84	7.02	6.90	1.47
5,485.00	65.98	89.81	5,133.02	-36.66	497.83	497.71	7.16	6.88	2.20
5,546.00	71.25	91.56	5,155.26	-37.36	554.61	554.48	9.04	8.64	2.87
5,606.00	78.11	93.15	5,171.10	-39.75	612.39	612.25	11.72	11.43	2.65
5,666.00	85.54	92.27	5,179.63	-42.55	671.67	671.52	12.47	12.38	-1.47
5,726.00	90.15	89.54	5,181.88	-43.49	731.60	731.45	8.93	7.68	-4.55
5,846.00	91.16	88.31	5,180.51	-41.24	851.56	851.42	1.33	0.84	-1.02
5,966.00	92.09	88.49	5,177.11	-37.89	971.47	971.34	0.79	0.77	0.15
6,089.00	90.29	87.52	5,174.55	-33.61	1,094.36	1,094.24	1.66	-1.46	-0.79
6,215.00	89.36	87.78	5,174.94	-28.45	1,220.25	1,220.15	0.77	-0.74	0.21
6,342.00	88.26	87.61	5,177.58	-23.34	1,347.12	1,347.04	0.88	-0.87	-0.13
6,469.00	91.08	90.16	5,178.31	-20.87	1,474.07	1,473.99	2.99	2.22	2.01
6,594.00	90.55	90.07	5,176.53	-21.12	1,599.06	1,598.98	0.43	-0.42	-0.07
6,719.00	90.11	89.72	5,175.81	-20.89	1,724.05	1,723.98	0.45	-0.35	-0.28
6,844.00	90.07	89.81	5,175.61	-20.38	1,849.05	1,848.98	0.08	-0.03	0.07
6,970.00	90.20	89.81	5,175.32	-19.96	1,975.05	1,974.98	0.10	0.10	0.00
7,095.00	89.98	89.89	5,175.12	-19.63	2,100.05	2,099.98	0.19	-0.18	0.06
7,222.00	89.19	89.54	5,176.04	-19.00	2,227.05	2,226.97	0.68	-0.62	-0.28
7,348.00	88.53	89.72	5,178.55	-18.19	2,353.02	2,352.94	0.54	-0.52	0.14
7,474.00	89.58	90.07	5,180.62	-17.96	2,479.00	2,478.92	0.88	0.83	0.28
7,600.00	90.29	90.07	5,180.77	-18.11	2,605.00	2,604.92	0.56	0.56	0.00
7,725.00	89.23	89.72	5,181.29	-17.88	2,729.99	2,729.92	0.89	-0.85	-0.28
7,851.00	90.07	91.12	5,182.06	-18.81	2,855.98	2,855.91	1.30	0.67	1.11
7,977.00	92.04	91.12	5,179.74	-21.27	2,981.93	2,981.85	1.56	1.56	0.00
8,103.00	90.68	91.21	5,176.75	-23.83	3,107.87	3,107.77	1.08	-1.08	0.07
8,229.00	88.88	91.30	5,177.23	-26.59	3,233.83	3,233.73	1.43	-1.43	0.07



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #70H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3771.00usft (Akita 57)
Site:	SHORTY 2 STATE COM (10-20-70)	MD Reference:	RKB = 20' @ 3771.00usft (Akita 57)
Well:	#70H	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)	
8,355.00	90.59	89.81	5,177.82	-27.81	3,359.82	3,359.71	1.80	1.36	-1.18	
8,481.00	90.07	90.51	5,177.09	-28.16	3,485.81	3,485.70	0.69	-0.41	0.56	
8,607.00	90.11	91.12	5,176.89	-29.95	3,611.80	3,611.68	0.49	0.03	0.48	
8,728.00	89.93	90.07	5,176.85	-31.21	3,732.79	3,732.67	0.88	-0.15	-0.87	
8,854.00	89.63	89.01	5,177.33	-30.20	3,858.78	3,858.66	0.87	-0.24	-0.84	
8,981.00	90.64	89.19	5,177.04	-28.20	3,985.77	3,985.65	0.81	0.80	0.14	
9,107.00	91.52	89.54	5,174.66	-26.81	4,111.73	4,111.62	0.75	0.70	0.28	
9,233.00	92.13	90.33	5,170.65	-26.66	4,237.67	4,237.56	0.79	0.48	0.63	
9,360.00	91.08	90.95	5,167.09	-28.08	4,364.61	4,364.49	0.96	-0.83	0.49	
9,486.00	89.19	91.48	5,166.79	-30.75	4,490.57	4,490.45	1.56	-1.50	0.42	
9,612.00	87.82	90.07	5,170.08	-32.46	4,616.51	4,616.38	1.56	-1.09	-1.12	
9,765.00	88.79	90.33	5,174.61	-32.99	4,769.44	4,769.31	0.66	0.63	0.17	
9,833.00	88.79	90.33	5,176.04	-33.38	4,837.43	4,837.29	0.00	0.00	0.00	

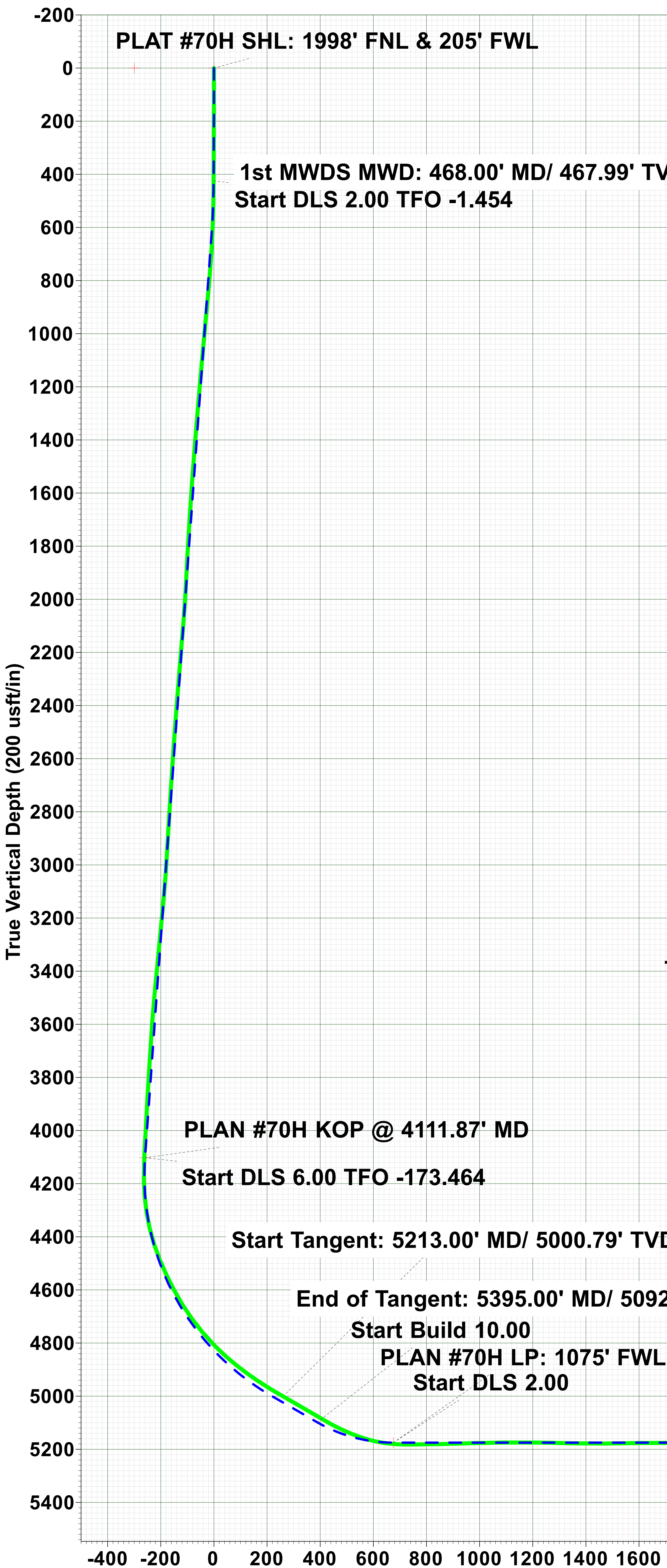
Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
FINAL 70H LTP/ 100'	0.00	0.00	5,174.85	-33.06	4,780.79	678,700.04	663,859.69	32.8651320	-103.9342943	
- actual wellpath misses target center by 11.35usft at 9765.00usft MD (5174.61 TVD, -32.99 N, 4769.44 E)										
- Point										
FINAL 70H BIT PROJ	0.00	0.00	5,176.04	-33.38	4,837.43	678,699.71	663,916.33	32.8651305	-103.9341099	
- actual wellpath hits target center										
- Point										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
468.00	467.99	-0.03	-1.31	1st MWDS MWD: 468.00' MD/ 467.99' TVD	
5,213.00	5,000.79	-43.59	260.39	Start Tangent: 5213.00' MD/ 5000.79' TVD	
5,395.00	5,092.01	-38.24	417.78	End of Tangent: 5395.00' MD/ 5092.01' TVD	
9,833.00	5,176.04	-33.38	4,837.43	Projection to Bit: 9833.00' MD/ 5176.04' TVD	
9,833.00	5,176.04	-33.38	4,837.43	TD: Y= 678699.72 / X= 663916.33	
9,833.00	5,176.04	-33.38	4,837.43	Final Station Closure Distance= 4837.54 /Direction= 90.40	
9,833.00	5,176.04	-33.38	4,837.43	TD: Latitude= 32.8651305 / Longitude= -103.9341099	

Checked By: _____	Approved By: _____	Date: _____
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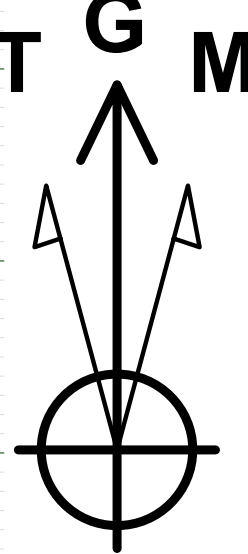
Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: SHORTY 2 STATE COM (10-20-70)
Well: #70H
Wellbore: Wellbore #1
Rig: Akita 57
Design: Plan #4 / 8:30, June 11 2021



WELL DETAILS: #70H								
RKB = 20' @ 3771.00usft (Akita 57)								
			3751.00					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude			
0.00	0.00	678733.10	659078.90	32.8652715	-103.9498641			

SECTION DETAILS								
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
1	425.00	0.20	263.59	425.00	0.05	-1.01	0.00	-1.01
2	622.90	4.16	262.21	622.71	-0.97	-8.46	2.00	-8.47
3	4111.87	4.16	262.21	4102.50	-35.26	-259.10	0.00	-259.21
4	5180.70	60.00	89.00	4998.24	-32.10	215.92	6.00	215.81
5	5380.70	60.00	89.00	5098.24	-29.08	389.10	0.00	389.00
6	5680.69	90.00	89.00	5175.00	-24.08	675.53	10.00	675.45
7	5721.39	90.00	89.81	5175.00	-23.66	716.23	2.00	716.14
8	9835.89	90.00	89.81	5175.00	-10.30	4830.70	0.00	4830.64

CORRECTION REFERENCE DATA:
To convert a Magnetic Direction to a Grid Direction, Add 6.573°
To convert a True Direction to a Grid Direction, Subtract 0.208°
To convert a Magnetic Direction to a True Direction, Add 6.781° East
Magnetic Declination: 6.781°
Grid Convergence: 0.208° West
Magnetic Dip Angle: 60.429°
Magnetic Field Strength: 47838.79219137nT



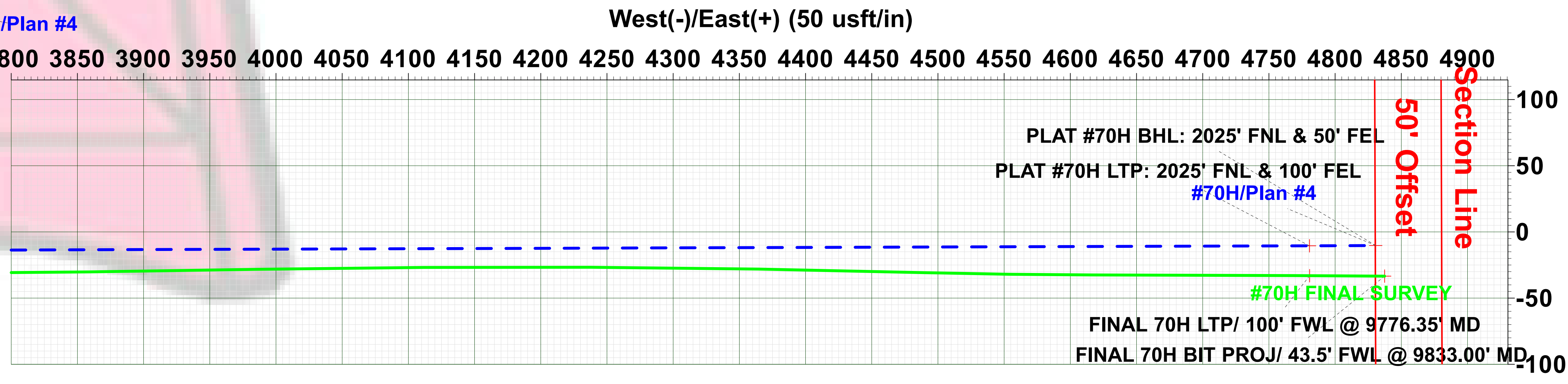
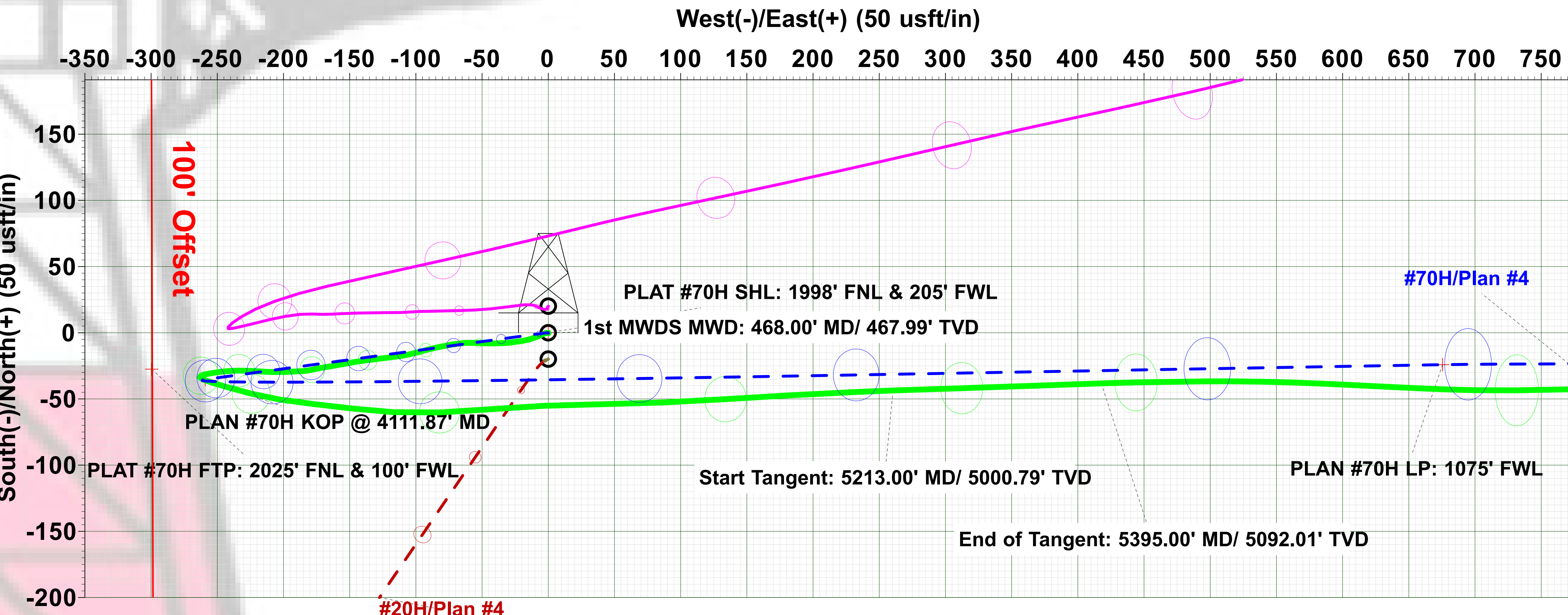
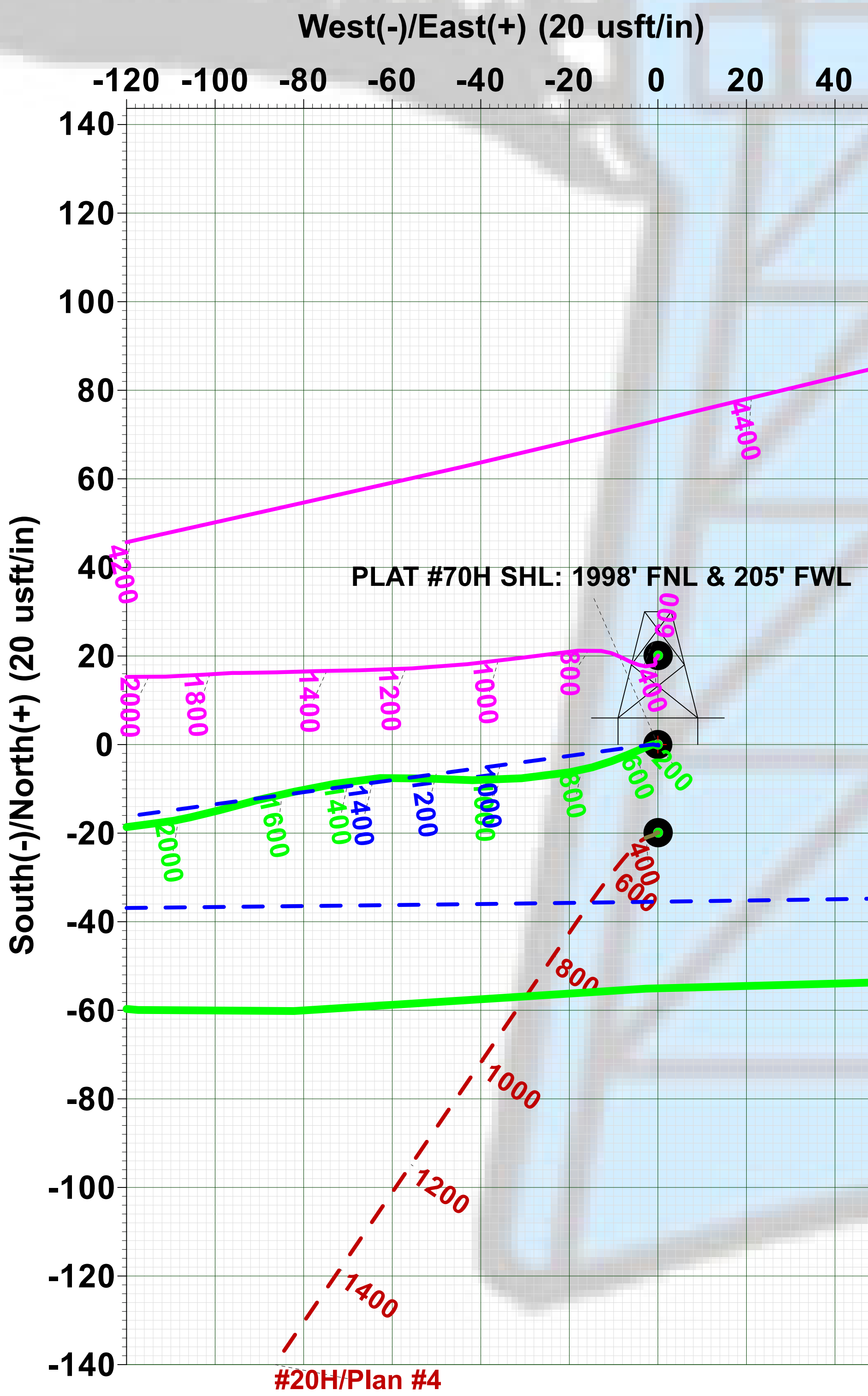
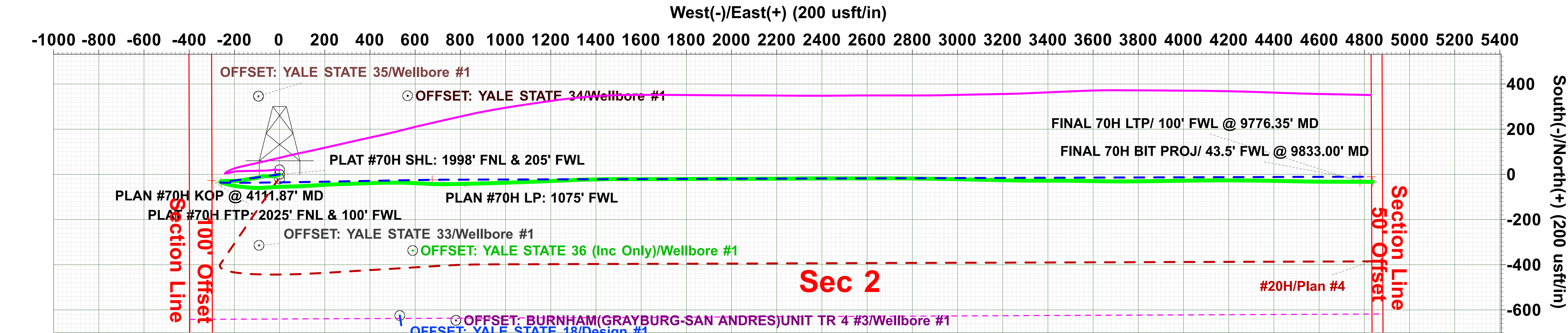
Azimuths to Grid North
True North: -0.21°
Magnetic North: 6.57°

Magnetic Field
Strength: 47838.8snT
Dip Angle: 60.43°
Date: 5/19/2021
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

FINAL 70H LTP/ 100' FWL @ 9776.35' MD
FINAL 70H BIT PROJ/ 43.5' FWL @ 9833.00' MD
Final Station Closure Distance= 4837.54 /Direction= 90.40
TD: Latitude= 32.8651305 / Longitude= -103.9341099
TD: Y= 678699.72 / X= 663916.33



DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PLAT #70H FTP: 2025' FNL & 100' FWL	0.00	-27.50	-299.50	678705.60	658779.40	32.8651989	-103.9508398
PLAT #70H SHL: 1998' FNL & 205' FWL	0.00	0.00	0.00	678733.10	659078.90	32.8652715	-103.9498641
PLAN #70H KOP @ 4111.87' MD	4102.50	-35.26	-259.10	678697.84	658819.80	32.8651772	-103.9507083
FINAL 70H LTP/ 100' FWL @ 9776.35' MD	5174.85	-33.06	4780.79	678700.04	663859.69	32.8651320	-103.9342944
PLAN #70H LP: 1075' FWL	5175.00	-24.08	675.53	678709.02	659754.43	32.8651986	-103.9476643
PLAT #70H BHL: 2025' FNL & 50' FEL	5175.00	-10.30	4830.70	678722.80	663909.60	32.8651940	-103.9341315
PLAT #70H LTP: 2025' FNL & 100' FEL	5175.00	-10.50	4780.70	678722.60	663859.60	32.8651940	-103.9342944
FINAL 70H BIT PROJ/ 43.5' FWL @ 9833.00' MD	5176.04	-33.38	4837.43	678699.72	663916.33	32.8651305	-103.9341099



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

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										
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 SHORTY 2 STATE COM 6. Well Number: 70H		
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:	E	02	17S	30E		1998	NORTH	205	WEST	EDDY
BH:	H	02	17S	30E		2047	NORTH	238	EAST	EDDY
13. Date Spudded 05/12/2021	14. Date T.D. Reached 06/10/2021		15. Date Rig Released 06/13/2021			16. Date Completed (Ready to Produce) 08/16/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3751' GR		
18. Total Measured Depth of Well 5176'V/9833'M			19. Plug Back Measured Depth 5176'V/9833'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										
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		420'		17-1/2"		360 SXS (CIRC TO SURFACE)		0
9-5/8"		36		1785'		12-1/4"		565 SXS (CIRC TO SURFACE)		0
7"		32		5600'		8-3/4"		1480 SXS (CIRC TO SURFACE)		0
5-1/2"		20		9833'		8-3/4"		1480 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"	5342'			
26. Perforation record (interval, size, and number) 900 SHOTS/FOOT @ 0.42 SIZE						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						5705'-9733'		10836840 GAL SLICKWATER & 4200191# SAND		
PRODUCTION										
Date First Production 08/23/2021		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) PUMPING ON ESP				Well Status (<i>Prod. or Shut-in</i>) PRODUCING				
Date of Test 09/05/2021	Hours Tested 24	Choke Size NA	Prod'n For Test Period	Oil - Bbl 355	Gas - MCF 344	Water - Bbl. 3533	Gas - Oil Ratio			
Flow Tubing Press. 148	Casing Pressure 115	Calculated 24-Hour Rate	Oil - Bbl. 355	Gas - MCF 344	Water - Bbl. 3533	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD							30. Test Witnessed By JERRY MATHEWS			
31. List Attachments AS-DRILLED, DIRECTIONAL INFO AND WBD										
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										
Signature <i>Sarah Chapman</i>			Printed Name SARAH CHAPMAN			Title REGULATORY DIRECTOR			Date 01/25/2022	
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 525	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 1245	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 1435	T. Devonian	T. Cliff House	T. Leadville
T. Queen 2340	T. Silurian	T. Menefee	T. Madison
T. Grayburg 2755	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 3055	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 4515	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 4580	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.....

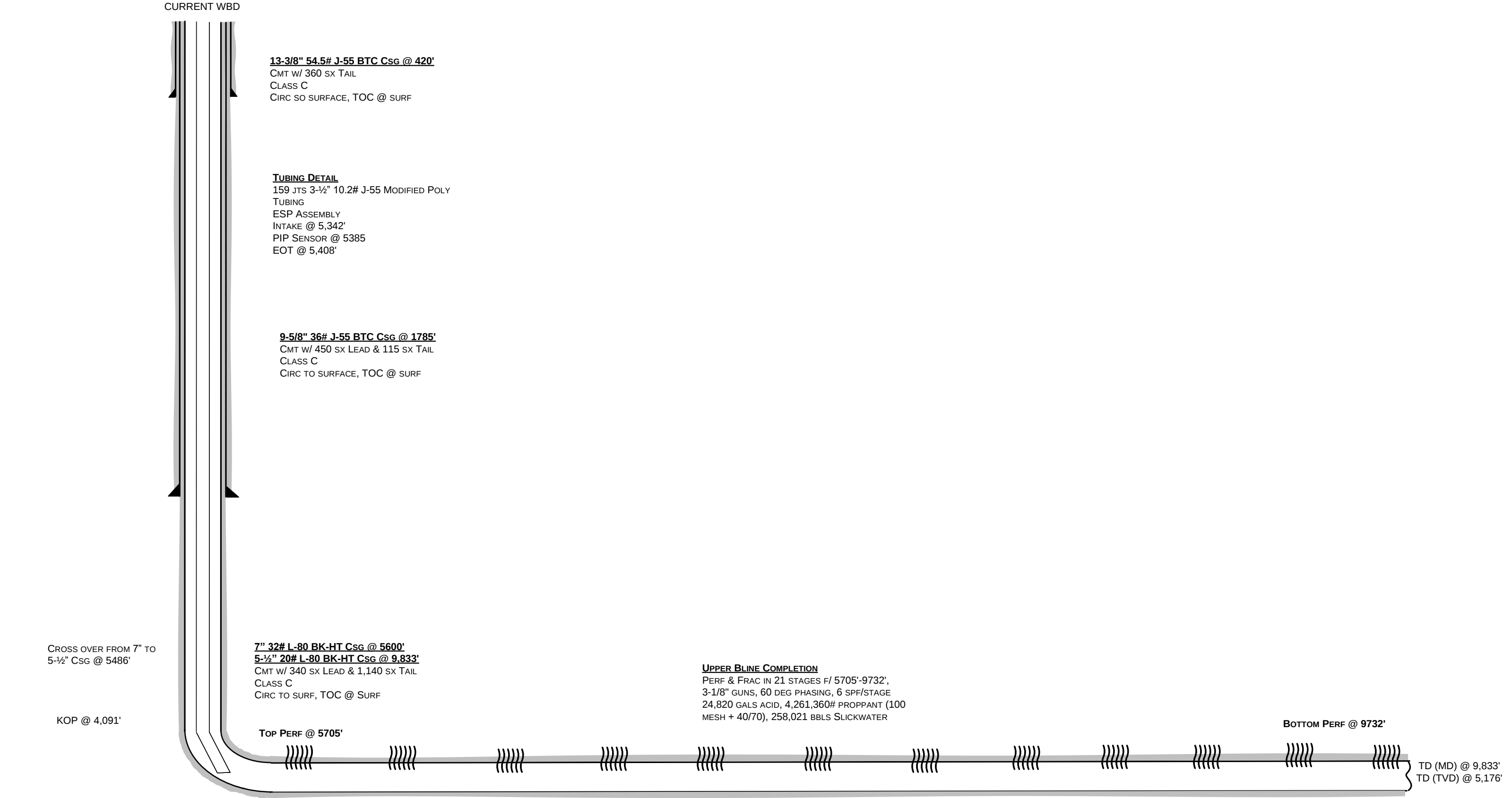
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
525	1245	720	SALT				
1245	1435	190	DOLOMITE				
1435	2340	905	DOLOMITE				
2340	2755	415	DOLOMITE				
2755	3055	300	DOLOMITE				
3055	4515	1460	DOLOMITE				
4515	4580	65	DOLOMITE				
4580	9833	5253	DOLOMITE				

Eddy County, NM
API# 30-015-48120

SPUD DATE: 1/31/2021
ELEV: 3751' GL, 20' KB



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 82174

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 82174
	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 82174

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 82174
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	4/14/2022