

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 XTO Energy, Inc. 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707		² OGRID Number 373075
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-46426	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	⁶ Pool Code 98220
⁷ Property Code 326260	⁸ Property Name POKER LAKE UNIT 18 TWR	⁹ Well Number 102H

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
D	19	24S	31E		75	North	785	West	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	30	24S	31E	4	207	South	748	West	Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	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
34053	Plains Markting, LP	OIL
373075	XTO Permian Operating	GAS
005380	XTO Energy, Inc.	WTR

IV. Well Completion Data

²¹ Spud Date 2/22/2020	²² Ready Date 6/18/2021	²³ TD 21630 MD 11601 TVD	²⁴ PBD 21628 MD 11601 TVD	²⁵ Perforations 11,932 - 21,474	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14.75	11.75	834	805		
10.625	8.625	10795	1355		
7.875	5.5	21630	2875		

V. Well Test Data

³¹ Date New Oil 6/19/21	³² Gas Delivery Date 6/20/21	³³ Test Date 6/20/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 0
³⁷ Choke Size	³⁸ Oil 1057	³⁹ Water 8251	⁴⁰ Gas 3386		⁴¹ Test Method Flowing
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: <u>Cassie Evans</u>			OIL CONSERVATION DIVISION		
Printed name: Cassie Evans			Approved by: KURT SIMMONS		
Title: Regulatory Analyst			Title: NMOCD, SANT FE		
E-mail Address: cassie.evans@exxonmobil.com			Approval Date: 09/24/2021		
Date: 08/16/21	Phone: 432.218.3671				

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

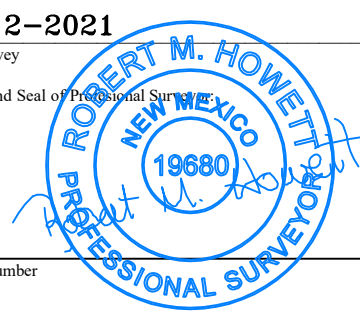
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ 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
From:	Map	Easting:	658,884.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.8653287
		Longitude:	-103.9504986
		Grid Convergence:	0.208 °

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



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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



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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)
4,634.00	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	

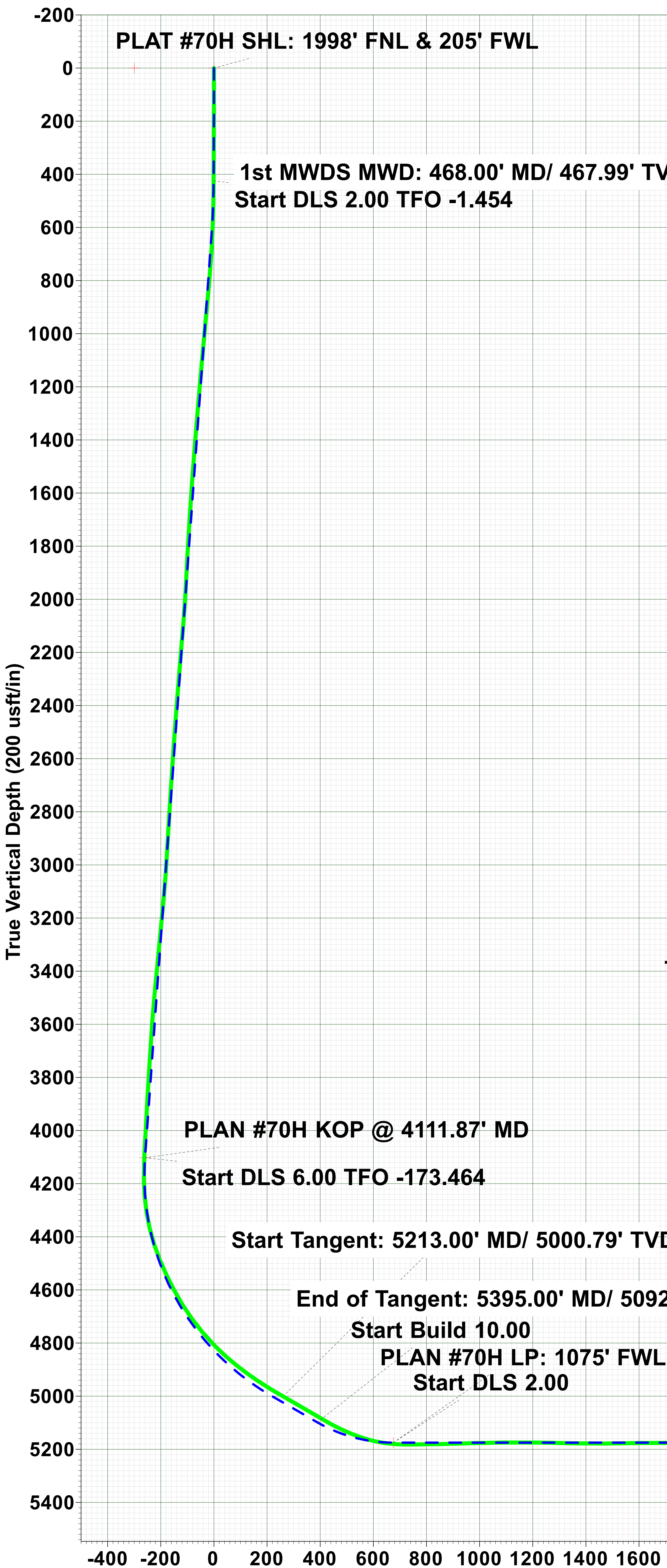
Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
FINAL 70H LTP/ 100'	0.00	0.00	5,174.85	-33.06	4,780.79	678,700.04	663,859.69	32.8651320	-103.9342943	
- 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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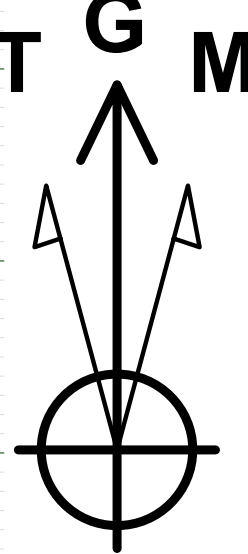
Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: SHORTY 2 STATE COM (10-20-70)
Well: #70H
Wellbore: Wellbore #1
Rig: Akita 57
Design: Plan #4 / 8:30, June 11 2021



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



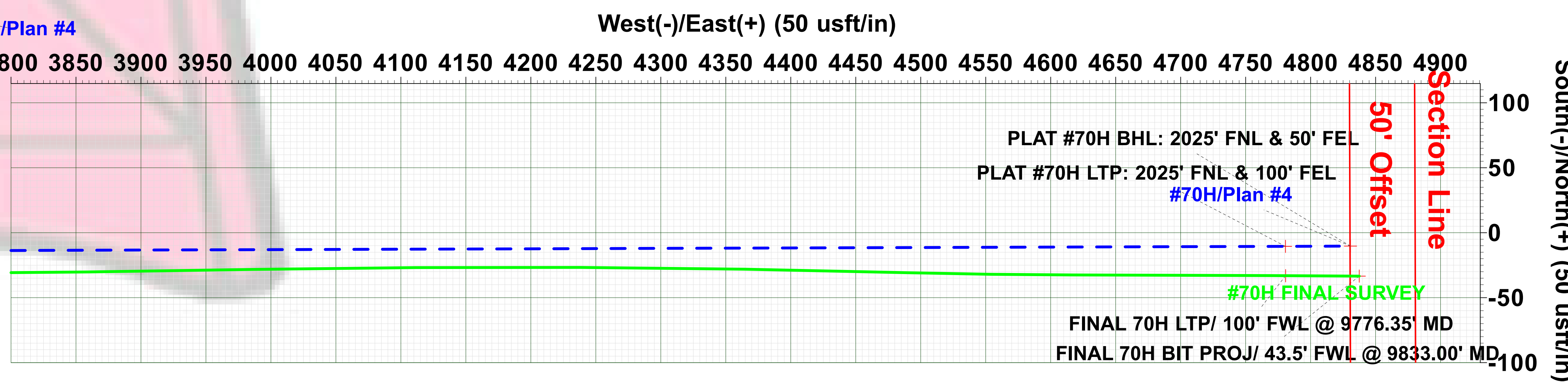
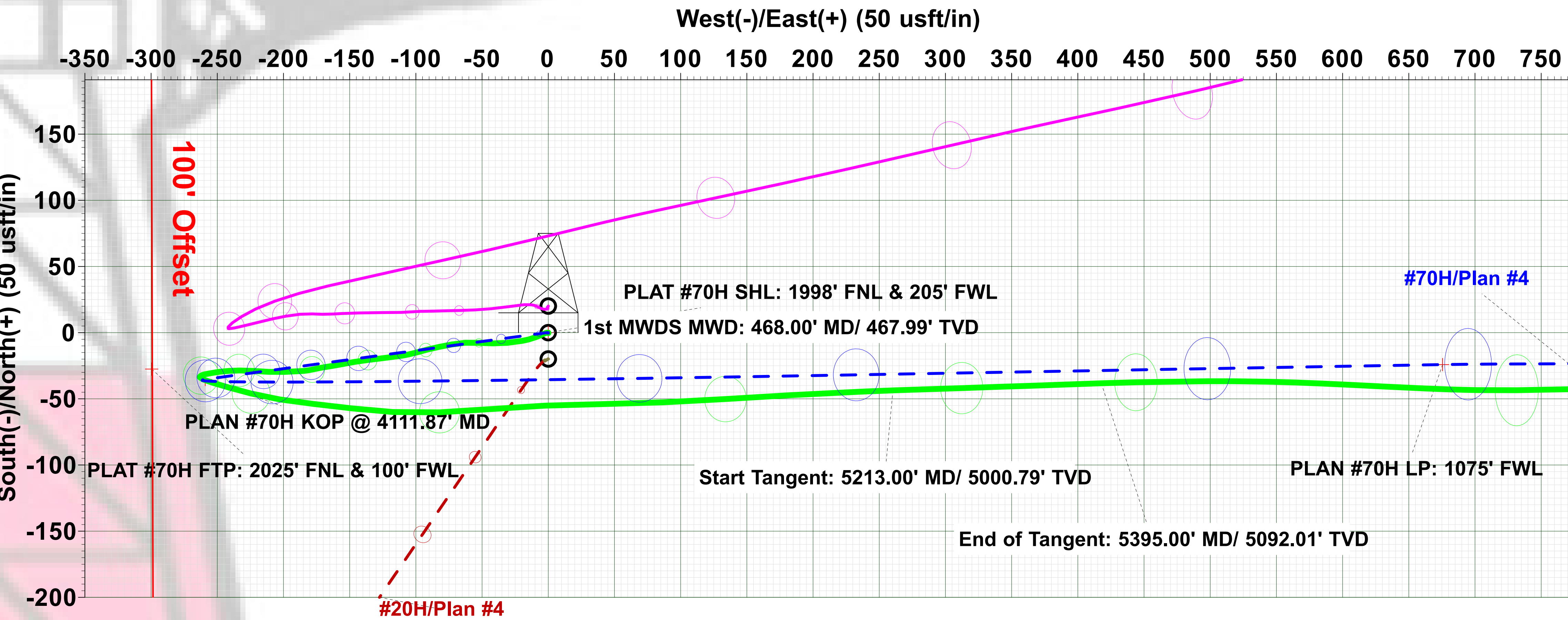
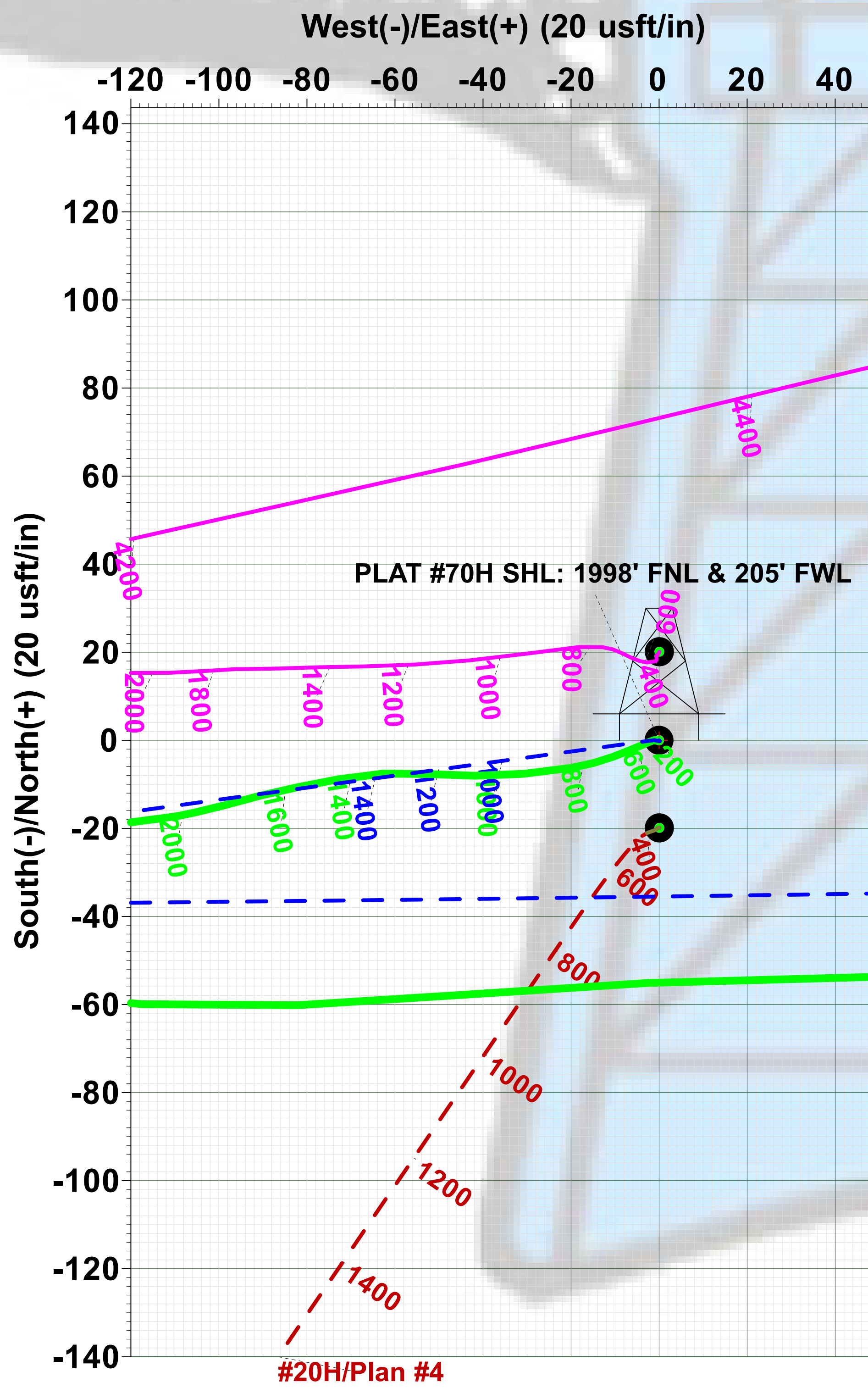
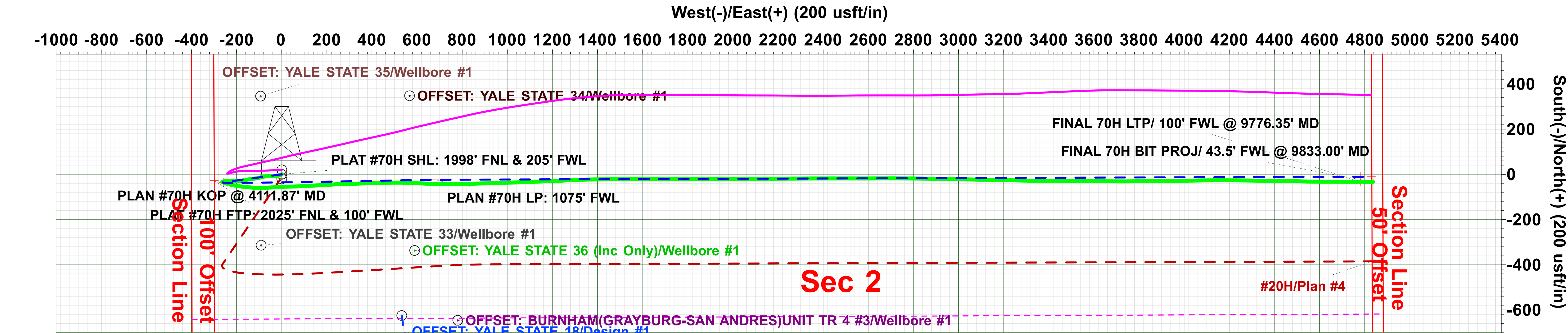
Azimuths to Grid North
True North: -0.21°
Magnetic North: 6.57°

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

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 42118

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 42118
	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
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Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
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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 42118

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 42118
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/24/2021