

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 05/26/2022
⁴ API Number 30 - 0 15-48893	⁵ Pool Name LOCO HILLS; GLORIETA-YESO	⁶ Pool Code 96718
⁷ Property Code 331167	⁸ Property Name FAT TIRE 12 FEDERAL	⁹ Well Number 51H

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
3	7	17S	30E		2385	SOUTH	1020	WEST	EDDY

¹¹ Bottom Hole Location

FTP: 1850' FSL 106' FEL LTP: 1843' FSL 117' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	12	17S	29E		1846	SOUTH	55	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 05/12/2022	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 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 02/01/2022	²² Ready Date 05/26/2022	²³ TD 4736'V/10530'M	²⁴ PBTD 4736'V/10491'M	²⁵ Perforations 5416'-10468'	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	375'	365 SXS (CIRC TO SURFACE)		
12-1/4"	9-5/8" 36# J-55 BTC	1552'	530 SXS (CIRC TO SURFACE)		
8-3/4" 8-3/4"	7" 32# L-80 BK-HT 5-1/2" 20# L-80 BK-HT	5142' 10530'	1640 SXS (CIRC TO SURFACE) 1640 SXS (CIRC TO SURFACE)		
	3-1/2" J-55 TBG	5001'			

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@SPURENERGY.COM			Approval Date: <i>1/24/2025</i>		
Date: 05/26/2022		Phone: 832-930-8613			



August 17, 2022

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

RE: ***Request for Confidential "Tight Hole" Completion***
Fat Tire 12 Federal 10H – 30-015-48708; Loco Hills; Glorieta-Yeso (96718)
Fat Tire 12 Federal 11H – 30-015-48707; Loco Hills; Glorieta-Yeso (96718)
Fat Tire 12 Federal 22H – 30-015-48703; Loco Hills; Glorieta-Yeso (96718)
Fat Tire 12 Federal 51H – 30-015-48893; Loco Hills; Glorieta-Yeso (96718)
Fat Tire 12 Federal 52H – 30-015-48706; Loco Hills; Glorieta-Yeso (96718)
Eddy County, New Mexico

To Whom It May Concern:

Spur Energy Partners LLC "Spur" respectfully requests to keep the well test data confidential on the above mentioned wells for a period not to exceed the New Mexico Oil and Gas Conservation Division's reporting requirements.

If you have any questions, feel free to reach out to me at schapman@spurenergy.com.

Respectfully,

Sarah Chapman

Sarah Chapman
Regulatory Director

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 30-015-48893	² Pool Code 96718	³ Pool Name LOCO HILLS; GLORIETA-YESO
⁴ Property Code 331167	⁵ Property Name FAT TIRE 12 FEDERAL	⁶ Well Number 51H
⁷ OGRID NO. 328947	⁸ Operator Name SPUR ENERGY PARTNERS LLC.	⁹ Elevation 3666'

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
3	7	17S	30E		2385	SOUTH	1020	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
L	12	17S	29E		1846	SOUTH	55	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: 672506.6 - E: 638678.8 LAT: 32.8483435° N LONG: 104.0163646° W <u>FIRST TAKE POINT (FTP)</u> 1850' FSL & 106' FEL - SEC 12 N: 671967.1 - E: 637556.4 LAT: 32.8468699° N LONG: 104.0200245° W MD = 5416.0 - TVD = 4848.6 <u>LAST TAKE POINT (LTP)</u> 1843' FSL & 117' FWL - SEC 12 N: 671948.0 - E: 632507.9 LAT: 32.8468574° N LONG: 104.0364636° W MD = 10468.0 - TVD = 4737.1 <u>BOTTOM HOLE (BH)</u> N: 671950.8 - E: 632446.0 LAT: 32.8468656° N LONG: 104.0366652° W MD = 10530.0 - TVD = 4735.7 <u>CORNER DATA</u> NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1914" N: 670105.4 - E: 632395.3 B: 1" STEEL PIPE N: 672745.8 - E: 632388.8 C: FOUND BRASS CAP "1914" N: 675386.0 - E: 632379.4 D: FOUND BRASS CAP "1914" N: 675390.1 - E: 635023.9 E: FOUND BRASS CAP "1914" N: 675387.8 - E: 637653.6 F: FOUND BRASS CAP "1916" N: 675403.7 - E: 640208.3 G: FOUND BRASS CAP "1916" N: 675419.9 - E: 642848.2 H: FOUND BRASS CAP "1916" N: 672779.6 - E: 642857.5 I: FOUND BRASS CAP "1916" N: 670140.1 - E: 642866.3 J: FOUND BRASS CAP "1916" N: 670128.3 - E: 640226.3 K: FOUND BRASS CAP "1914" N: 670118.1 - E: 637673.2 L: FOUND BRASS CAP "1914" N: 670111.9 - E: 635036.0 M: FOUND BRASS CAP "1914" N: 672751.6 - E: 637657.6	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> Signature <u>Sarah Chapman</u> Date <u>05/05/2022</u> Printed Name <u>SARAH CHAPMAN</u> E-mail Address <u>SCHAPMAN@SPURENERGY.COM</u>
	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> Date of Survey <u>04-12-2022</u> Signature and Seal of Professional Surveyor <u>Robert M. Howett</u> 19680 Certificate Number

LS20100541AD



I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **03/19/22** thru **03/26/22** conduct or supervise the taking of a **MWD Survey** from a depth of **121'** to a depth of **10530'**; 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 **Fat Tire 12 Federal 51H** API No. **30-015-48893** 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)

FAT TIRE 12 FEDERAL

#51H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

28 March, 2022





Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #51H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3686.00usft (AKITA 57)
Site:	FAT TIRE 12 FEDERAL	MD Reference:	RKB = 20' @ 3686.00usft (AKITA 57)
Well:	#51H	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	FAT TIRE 12 FEDERAL		
Site Position:		Northing:	670,937.00 usft
From:	Map	Easting:	638,693.20 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.8440292
		Longitude:	-104.0163330
		Grid Convergence:	0.172 °

Well	#51H		
Well Position	+N/-S	0.00 usft	Northing: 672,506.60 usft
	+E/-W	0.00 usft	Easting: 638,678.80 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32.8483435
		Longitude:	-104.0163646
		Ground Level:	3,666.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	01/29/22	6.729	60.380	47,749.59224855

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		269.86

Survey Program	Date	03/28/22			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
121.00	366.00	Survey #1 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM	
527.00	10,530.00	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
SHL 51H: 2385' FSL, 1020' FWL									
121.00	0.40	304.59	121.00	0.24	-0.35	0.35	0.33	0.33	0.00
179.00	0.30	273.59	179.00	0.36	-0.67	0.67	0.36	-0.17	-53.45
267.00	0.30	288.59	267.00	0.45	-1.11	1.11	0.09	0.00	17.05
366.00	0.70	339.59	365.99	1.10	-1.57	1.57	0.57	0.40	51.52
527.00	1.36	68.08	526.97	2.74	-0.14	0.13	0.94	0.41	54.96
647.00	6.15	93.39	646.69	2.89	7.60	-7.61	4.13	3.99	21.09
767.00	5.89	124.68	766.06	-1.00	19.08	-19.08	2.71	-0.22	26.07
887.00	7.08	158.08	885.33	-11.36	26.91	-26.88	3.24	0.99	27.83



Survey Report



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Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3686.00usft (AKITA 57)
Site:	FAT TIRE 12 FEDERAL	MD Reference:	RKB = 20' @ 3686.00usft (AKITA 57)
Well:	#51H	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)
1,007.00	8.75	181.64	1,004.21	-27.35	29.41	-29.34	3.01	1.39	19.63
1,125.00	10.46	195.26	1,120.57	-46.66	26.34	-26.22	2.40	1.45	11.54
1,245.00	9.85	197.72	1,238.69	-66.95	20.34	-20.18	0.62	-0.51	2.05
1,370.00	8.31	198.95	1,362.12	-85.68	14.16	-13.95	1.24	-1.23	0.98
1,496.00	7.56	198.95	1,486.91	-102.13	8.51	-8.26	0.60	-0.60	0.00
1,639.00	5.85	203.61	1,628.93	-117.71	2.53	-2.25	1.25	-1.20	3.26
1,765.00	9.54	211.69	1,753.78	-132.48	-5.53	5.85	3.04	2.93	6.41
1,891.00	10.42	210.46	1,877.87	-151.19	-16.79	17.16	0.72	0.70	-0.98
2,015.00	8.62	207.65	2,000.16	-169.09	-26.79	27.20	1.50	-1.45	-2.27
2,140.00	12.66	204.22	2,122.98	-189.88	-36.76	37.22	3.27	3.23	-2.74
2,265.00	10.99	201.50	2,245.33	-213.46	-46.74	47.27	1.41	-1.34	-2.18
2,390.00	9.23	201.67	2,368.38	-233.87	-54.81	55.38	1.41	-1.41	0.14
2,517.00	12.31	205.28	2,493.13	-255.58	-64.36	64.98	2.48	2.43	2.84
2,644.00	11.65	203.43	2,617.36	-279.59	-75.24	75.92	0.60	-0.52	-1.46
2,770.00	10.86	202.38	2,740.94	-302.24	-84.82	85.55	0.65	-0.63	-0.83
2,895.00	10.20	201.76	2,863.83	-323.40	-93.40	94.19	0.54	-0.53	-0.50
3,048.00	9.41	200.36	3,014.60	-347.71	-102.78	103.63	0.54	-0.52	-0.92
3,174.00	8.66	199.30	3,139.03	-366.32	-109.50	110.39	0.61	-0.60	-0.84
3,300.00	13.23	201.85	3,262.71	-388.67	-118.00	118.95	3.65	3.63	2.02
3,425.00	12.57	200.71	3,384.55	-414.67	-128.14	129.15	0.57	-0.53	-0.91
3,551.00	11.69	200.62	3,507.74	-439.44	-137.48	138.55	0.70	-0.70	-0.07
3,676.00	11.08	199.39	3,630.28	-462.62	-145.93	147.06	0.53	-0.49	-0.98
3,803.00	10.15	199.48	3,755.11	-484.69	-153.71	154.89	0.73	-0.73	0.07
3,930.00	9.63	199.74	3,880.22	-505.23	-161.03	162.26	0.41	-0.41	0.20
3,993.00	12.48	222.33	3,942.07	-515.23	-167.40	168.66	8.15	4.52	35.86
4,056.00	15.16	235.16	4,003.26	-524.98	-178.75	180.03	6.44	4.25	20.37
4,119.00	17.63	243.25	4,063.70	-533.98	-194.03	195.34	5.33	3.92	12.84
4,183.00	20.88	248.43	4,124.11	-542.54	-213.30	214.63	5.73	5.08	8.09
4,245.00	24.26	255.38	4,181.37	-549.82	-235.91	237.25	6.94	5.45	11.21
4,307.00	26.51	262.67	4,237.39	-554.80	-261.97	263.32	6.21	3.63	11.76
4,370.00	28.79	264.60	4,293.19	-558.02	-291.02	292.38	3.89	3.62	3.06
4,433.00	31.91	265.31	4,347.55	-560.81	-322.73	324.10	4.98	4.95	1.13
4,496.00	34.73	269.09	4,400.20	-562.46	-357.28	358.65	5.56	4.48	6.00
4,559.00	38.29	274.27	4,450.84	-561.29	-394.71	396.08	7.47	5.65	8.22
4,621.00	42.02	278.93	4,498.23	-556.64	-434.38	435.74	7.72	6.02	7.52
4,684.00	44.79	277.35	4,544.00	-550.52	-477.23	478.58	4.72	4.40	-2.51
4,748.00	47.78	276.12	4,588.22	-545.11	-523.17	524.50	4.87	4.67	-1.92
4,811.00	55.12	275.68	4,627.45	-540.06	-572.14	573.46	11.66	11.65	-0.70
4,874.00	59.25	274.18	4,661.59	-535.53	-624.88	626.19	6.85	6.56	-2.38
START TANGENT: 4874.00' MD/ 4661.59' TVD									
4,905.00	59.96	273.83	4,677.27	-533.66	-651.56	652.86	2.49	2.29	-1.13
4,936.00	59.56	273.66	4,692.89	-531.91	-678.28	679.58	1.37	-1.29	-0.55
4,967.00	59.12	273.66	4,708.69	-530.21	-704.89	706.19	1.42	-1.42	0.00



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #51H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3686.00usft (AKITA 57)
Site:	FAT TIRE 12 FEDERAL	MD Reference:	RKB = 20' @ 3686.00usft (AKITA 57)
Well:	#51H	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)
4,999.00	58.59	273.74	4,725.25	-528.44	-732.22	733.51	1.67	-1.66	0.25
5,031.00	58.15	273.57	4,742.03	-526.70	-759.41	760.70	1.45	-1.37	-0.53
5,062.00	57.67	273.39	4,758.50	-525.11	-785.63	786.91	1.62	-1.55	-0.58
END TANGENT: 5062.00' MD/ 4758.50' TVD									
5,125.00	64.31	271.99	4,789.03	-522.55	-840.63	841.91	10.72	10.54	-2.22
5,187.00	71.65	269.79	4,812.26	-521.68	-898.06	899.33	12.29	11.84	-3.55
5,250.00	77.01	267.42	4,829.28	-523.17	-958.67	959.95	9.25	8.51	-3.76
5,312.00	81.49	264.08	4,840.84	-527.70	-1,019.39	1,020.68	8.96	7.23	-5.39
5,374.00	86.90	261.70	4,847.11	-535.34	-1,080.57	1,081.88	9.52	8.73	-3.84
5,410.19	87.52	263.21	4,848.87	-540.08	-1,116.40	1,117.72	4.50	1.73	4.16
FINAL FTP: 5410.19' MD/ 4848.87' TVD - FINAL FTP: 1849' FSL, 100' FEL									
5,412.28	87.56	263.29	4,848.96	-540.33	-1,118.48	1,119.80	4.50	1.73	4.16
FTP 51H: 1825' FSL, 100' FEL									
5,501.00	89.10	266.98	4,851.55	-547.85	-1,206.82	1,208.16	4.50	1.73	4.16
5,627.00	91.87	269.61	4,850.48	-551.59	-1,332.74	1,334.08	3.03	2.20	2.09
5,753.00	94.15	269.09	4,843.86	-553.02	-1,458.55	1,459.90	1.86	1.81	-0.41
5,880.00	92.13	268.91	4,836.91	-555.23	-1,585.33	1,586.68	1.60	-1.59	-0.14
6,000.00	89.89	269.00	4,834.79	-557.42	-1,705.29	1,706.64	1.87	-1.87	0.07
6,120.00	92.92	269.70	4,831.85	-558.78	-1,825.23	1,826.59	2.59	2.52	0.58
6,239.00	92.75	270.32	4,825.96	-558.76	-1,944.08	1,945.44	0.54	-0.14	0.52
6,360.00	91.65	270.32	4,821.32	-558.09	-2,064.99	2,066.35	0.91	-0.91	0.00
6,480.00	90.42	270.32	4,819.15	-557.42	-2,184.96	2,186.32	1.02	-1.02	0.00
6,600.00	89.27	270.32	4,819.48	-556.75	-2,304.96	2,306.31	0.96	-0.96	0.00
6,720.00	92.35	270.58	4,817.78	-555.81	-2,424.93	2,426.28	2.58	2.57	0.22
6,840.00	91.08	270.32	4,814.19	-554.86	-2,544.87	2,546.22	1.08	-1.06	-0.22
6,958.00	89.71	270.67	4,813.38	-553.84	-2,662.86	2,664.20	1.20	-1.16	0.30
7,078.00	92.88	269.53	4,810.66	-553.63	-2,782.81	2,784.16	2.81	2.64	-0.95
7,204.00	92.62	269.53	4,804.62	-554.67	-2,908.66	2,910.01	0.21	-0.21	0.00
7,330.00	91.74	269.44	4,799.83	-555.80	-3,034.56	3,035.91	0.70	-0.70	-0.07
7,456.00	90.95	269.26	4,796.87	-557.23	-3,160.52	3,161.87	0.64	-0.63	-0.14
7,584.00	90.02	269.17	4,795.79	-558.98	-3,288.50	3,289.86	0.73	-0.73	-0.07
7,709.00	88.92	269.00	4,796.94	-560.98	-3,413.48	3,414.84	0.89	-0.88	-0.14
7,836.00	92.09	270.05	4,795.82	-562.03	-3,540.45	3,541.81	2.63	2.50	0.83
7,962.00	91.56	270.58	4,791.81	-561.34	-3,666.39	3,667.75	0.59	-0.42	0.42
8,088.00	90.51	270.40	4,789.53	-560.26	-3,792.36	3,793.72	0.85	-0.83	-0.14
8,215.00	89.54	270.67	4,789.48	-559.07	-3,919.35	3,920.71	0.79	-0.76	0.21
8,341.00	92.31	269.79	4,787.44	-558.57	-4,045.32	4,046.67	2.31	2.20	-0.70
8,467.00	92.22	269.53	4,782.46	-559.31	-4,171.22	4,172.57	0.22	-0.07	-0.21
8,593.00	91.47	269.26	4,778.41	-560.64	-4,297.15	4,298.50	0.63	-0.60	-0.21
8,719.00	90.86	269.09	4,775.85	-562.46	-4,423.11	4,424.47	0.50	-0.48	-0.13
8,845.00	89.63	268.65	4,775.31	-564.94	-4,549.08	4,550.44	1.04	-0.98	-0.35
8,971.00	93.71	269.26	4,771.64	-567.24	-4,674.98	4,676.35	3.27	3.24	0.48
9,096.00	93.01	269.17	4,764.31	-568.95	-4,799.75	4,801.12	0.56	-0.56	-0.07
9,222.00	91.82	268.91	4,759.00	-571.06	-4,925.62	4,927.00	0.97	-0.94	-0.21



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #51H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3686.00usft (AKITA 57)
Site:	FAT TIRE 12 FEDERAL	MD Reference:	RKB = 20' @ 3686.00usft (AKITA 57)
Well:	#51H	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)	
9,348.00	92.04	269.26	4,754.76	-573.07	-5,051.53	5,052.91	0.33	0.17	0.28	
9,475.00	88.44	269.17	4,754.23	-574.81	-5,178.49	5,179.88	2.84	-2.83	-0.07	
9,602.00	90.37	269.61	4,755.54	-576.16	-5,305.47	5,306.87	1.56	1.52	0.35	
9,728.00	92.44	270.23	4,752.45	-576.34	-5,431.43	5,432.82	1.71	1.64	0.49	
9,853.00	90.51	270.40	4,749.24	-575.65	-5,556.38	5,557.77	1.55	-1.54	0.14	
9,979.00	93.05	271.02	4,745.32	-574.09	-5,682.30	5,683.68	2.07	2.02	0.49	
10,105.00	90.07	271.46	4,741.89	-571.37	-5,808.21	5,809.59	2.39	-2.37	0.35	
10,231.00	91.60	271.81	4,740.06	-567.77	-5,934.14	5,935.51	1.25	1.21	0.28	
10,357.00	89.93	272.25	4,738.38	-563.31	-6,060.04	6,061.40	1.37	-1.33	0.35	
10,467.00	91.34	272.60	4,737.16	-558.65	-6,169.94	6,171.28	1.32	1.28	0.32	
10,483.91	91.34	272.60	4,736.76	-557.89	-6,186.83	6,188.17	0.00	0.00	0.00	
LTP 51H: 1825' FSL, 100' FWL										
10,485.09	91.34	272.60	4,736.73	-557.83	-6,188.00	6,189.34	0.00	0.00	0.00	
FINAL LTP: 10485.09' MD/ 4736.73' TVD - FINAL LTP: 1843' FSL, 100' FWL										
10,530.00	91.34	272.60	4,735.68	-555.80	-6,232.85	6,234.19	0.00	0.00	0.00	
Projection to Bit: 10530.00' MD/ 4735.68' TVD - Final Station Closure Distance= 6257.59 /Direction= 264.90 - TD: Latitude=										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude		Longitude
FINAL TD/BIT PROJ.: - hit/miss target - Shape - Point	0.00	0.00	4,735.68	-555.80	-6,232.85	671,950.80	632,445.95	32.8468656		-104.0366652
FINAL LTP: 1843' FSL - actual wellpath hits target center - Point	0.00	0.00	4,736.73	-557.83	-6,188.00	671,948.76	632,490.80	32.8468596		-104.0365192
FINAL FTP: 1849' FSI - actual wellpath hits target center - Point	0.00	0.00	4,848.87	-540.08	-1,116.40	671,966.51	637,562.40	32.8468682		-104.0200050

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
4,874.00	4,661.59	-535.53	-624.88	START TANGENT: 4874.00' MD/ 4661.59' TVD	
5,062.00	4,758.50	-525.11	-785.63	END TANGENT: 5062.00' MD/ 4758.50' TVD	
5,410.19	4,848.87	-540.08	-1,116.40	FINAL FTP: 5410.19' MD/ 4848.87' TVD	
10,485.09	4,736.73	-557.83	-6,188.00	FINAL LTP: 10485.09' MD/ 4736.73' TVD	
10,530.00	4,735.68	-555.80	-6,232.85	Projection to Bit: 10530.00' MD/ 4735.68' TVD	
10,530.00	4,735.68	-555.80	-6,232.85	Final Station Closure Distance= 6257.59 /Direction= 264.90	
10,530.00	4,735.68	-555.80	-6,232.85	TD: Latitude= 32.8468656 / Longitude= -104.0366652	
10,530.00	4,735.68	-555.80	-6,232.85	TD: Y= 671950.80 / X= 632445.95	



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #51H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3686.00usft (AKITA 57)
Site:	FAT TIRE 12 FEDERAL	MD Reference:	RKB = 20' @ 3686.00usft (AKITA 57)
Well:	#51H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Checked By: _____ Approved By: _____ Date: _____



Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: FAT TIRE 12 FEDERAL
Well: #51H
Wellbore: Wellbore #1
Rig: AKITA 57
Design: PLAN #2 / 8:49, March 28 2022



WELL DETAILS: #51H

RKB = 20' @ 3686.00usft (AKITA 57)		3666.00			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	672506.60	638678.80	32.8483435	-104.0163646

SECTION DETAILS

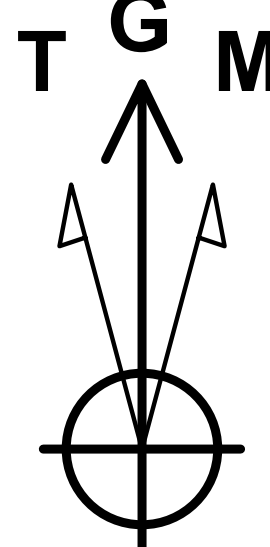
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSec
1	366.00	0.70	339.59	365.99	1.10	-1.57	0.00	1.57
2	588.12	4.00	105.00	587.94	0.37	5.44	2.00	-5.44
3	688.08	4.00	105.00	687.66	-1.44	12.18	0.00	-12.17
4	1245.17	9.89	202.57	1241.68	-50.81	12.58	2.00	-12.45
5	3952.97	9.89	202.57	3909.22	-480.38	-166.01	0.00	167.19
6	4896.84	60.00	269.86	4673.35	-563.07	-645.53	6.00	646.91
7	5096.84	60.00	269.86	4773.35	-563.49	-818.74	0.00	820.11
8	5408.02	91.12	269.86	4850.00	-564.20	-1116.40	10.00	1117.78
9	10480.60	91.12	269.86	4750.98	-576.38	-6188.00	0.00	6189.39
10	10530.61	91.12	269.86	4750.00	-576.50	-6238.00	0.00	6239.39

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
SHL 51H: 2385' FSL, 1020' FWL	0.00	0.00	0.00	672506.60	638678.80	32.8483435	-104.0163646
FINAL TD/BIT PROJ.: 1845' FSL, 55' FWL	4735.68	-555.80	-6232.85	671950.80	632445.95	32.8468656	-104.0366652
FINAL LTP: 1843' FSL, 100' FWL	4736.73	-557.83	-6188.00	671948.77	632490.80	32.8468596	-104.0365192
BHL 51H: 1825' FSL, 50' FWL	4750.00	-576.50	-6238.00	671930.10	632440.80	32.8468087	-104.0366822
LTP 51H: 1825' FSL, 100' FWL	4750.98	-576.40	-6188.00	671930.20	632490.80	32.8468086	-104.0365194
FINAL FTP: 1849' FSL, 100' FEL	4848.87	-540.08	-1116.40	671966.52	637562.40	32.8468681	-104.0200050
FTP 51H: 1825' FSL, 100' FEL	4850.00	-564.20	-1116.40	671942.40	637562.40	32.8468019	-104.0200053

CORRECTION REFERENCE DATA:

To convert a Magnetic Direction to a Grid Direction, Add 6.557°
To convert a True Direction to a Grid Direction, Subtract 0.172°
To convert a Magnetic Direction to a True Direction, Add 6.729° East
Magnetic Declination: 6.729°
Grid Convergence: 0.172° West
Magnetic Dip Angle: 60.380°
Magnetic Field Strength: 47749.59224856nT



Azimuths to Grid North
True North: -0.17°
Magnetic North: 6.56°

Magnetic Field
Strength: 47749.6nT
Dip Angle: 60.38°
Date: 01/29/2022
Model: IGRF2020

FINAL LTP: 10485.09' MD/ 4736.73' TVD
Projection to Bit: 10530.00' MD/ 4735.68' TVD

Final Station Closure Distance= 6257.59 /Direction= 264.90
TD: Latitude= 32.8468656 / Longitude= -104.0366652
TD: Y= 671950.80 / X= 632445.95

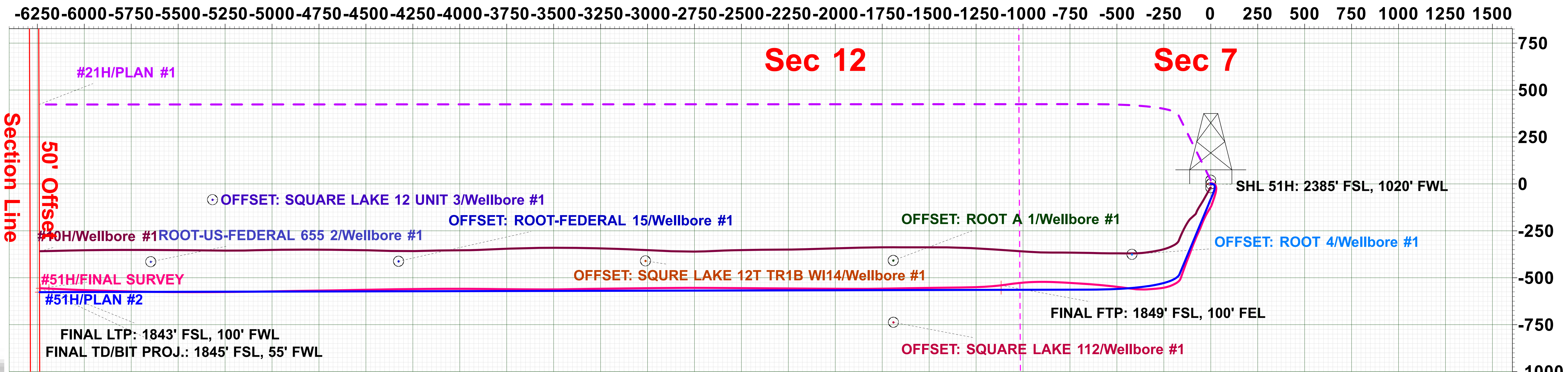
START TANGENT: 4874.00' MD/ 4661.59' TVD

END TANGENT: 5062.00' MD/ 4758.50' TVD

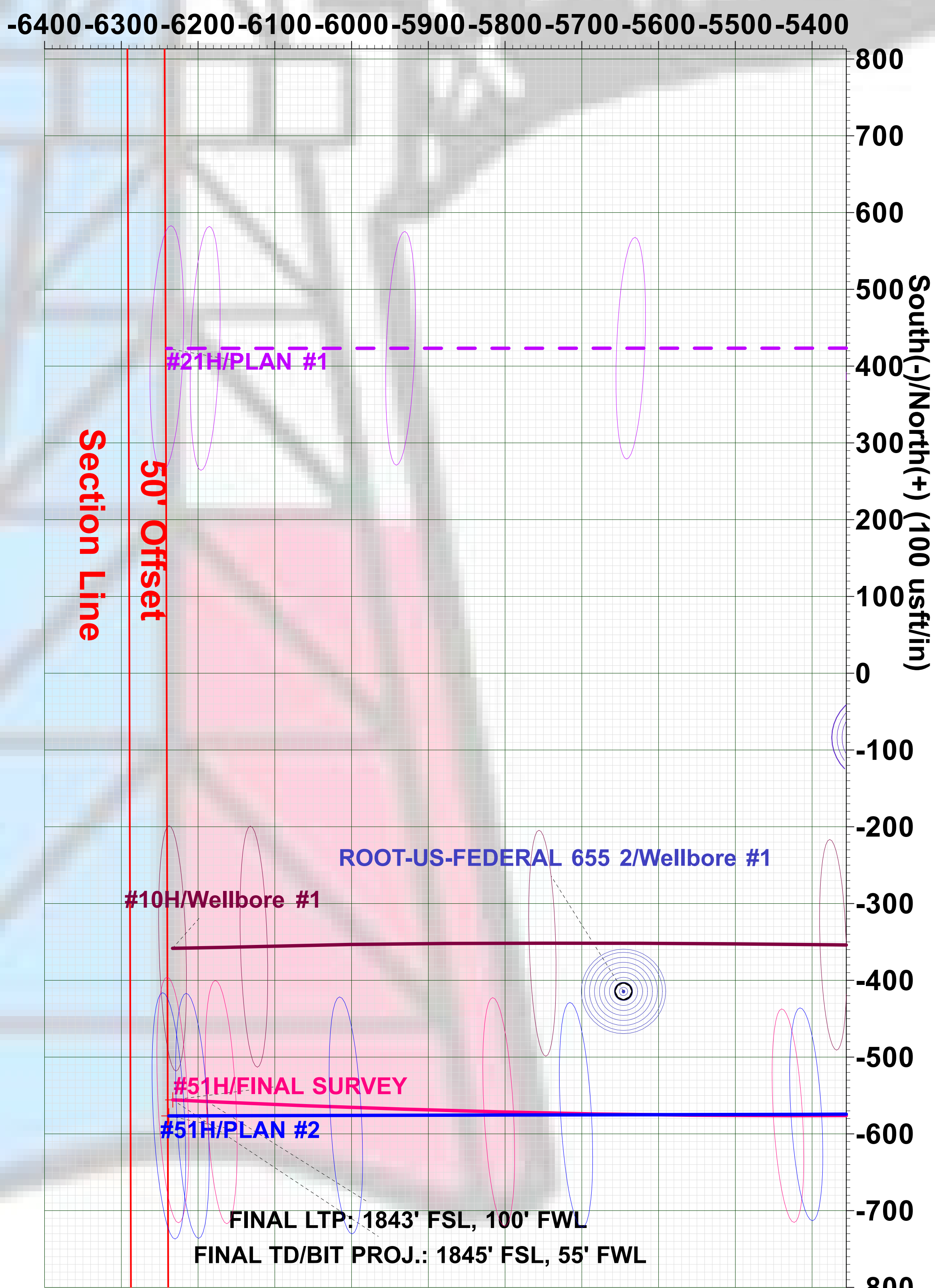
FINAL FTP: 5410.19' MD/ 4848.87' TVD

FINAL FTP: 1849' FSL, 100' FEL

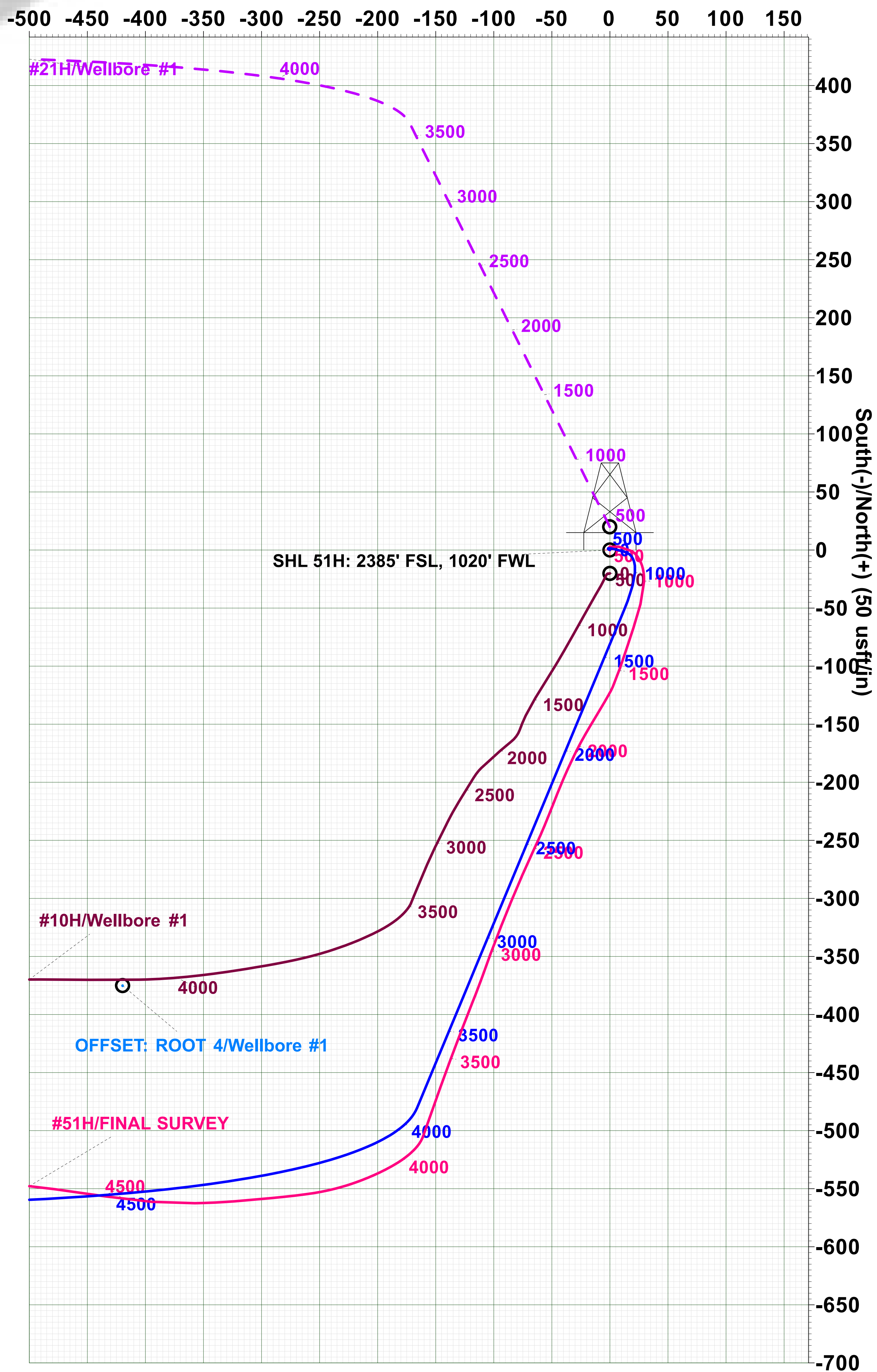
West(-)/East(+) (250 usft/in)



West(-)/East(+) (100 usft/in)



West(-)/East(+) (50 usft/in)



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.

Plan: PLAN #2 (#51H/Wellbore #1) AKITA 57

Created By: Derek Stephens Date: 8:55, March 28 2022

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

Well Name: FAT TIRE 12 FEDERAL	Well Location: T17S / R30E / SEC 7 / NWSW /	County or Parish/State: /
Well Number: 51H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0028785	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001548893	Well Status: Producing Oil Well	Operator: SPUR ENERGY PARTNERS LLC

Subsequent Report

Sundry ID: 2670220

Type of Submission: Subsequent Report Type of Action: Hydraulic Fracturing

Date Sundry Submitted: 05/05/2022 Time Sundry Submitted: 07:18

Date Operation Actually Began: 04/12/2022

Actual Procedure: 04/12/2022 RIH & cleanout to PBTD @ 10491'. RIH & perf from 5416'-10468', total shots 900/ft @ 0.42 shot size. Frac in 25 stages w/ 293056bbl freshwater and 5021440# sand. 04/18/2022 rig down wireline and cleanout. Will file tubing sundry once in hole.

Well Name: FAT TIRE 12 FEDERAL	Well Location: T17S / R30E / SEC 7 / NWSW /	County or Parish/State: /
Well Number: 51H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0028785	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001548893	Well Status: Producing Oil Well	Operator: SPUR ENERGY PARTNERS LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SARAH CHAPMAN	Signed on: MAY 05, 2022 07:18 AM
Name: SPUR ENERGY PARTNERS LLC	
Title: Regulatory Directory	
Street Address: 9655 KATY FREEWAY, SUITE 500	
City: Houston	State: TX
Phone: (832) 930-8613	
Email address: SCHAPMAN@SPUREPLLC.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: Jonathon W Shepard	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 06/30/2022
Signature: Jonathon Shepard	



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

08/17/2022

Operator Name SPUR ENERGY PARTNERS LLC	Well Name FAT TIRE 12 FEDERAL	Well Number 51H	US Well Number 3001548893
SHL	County	State	Lease Number(s) NMLC0028785
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name FAT TIRE 12 FEDERAL 10H	Well Pad Number 10H, 21H, 51H	ID 10400065558

Section 1 - General

Well Completion Report Id: 85768	Submission Date: N/A until DB	
BLM Office: Carlsbad Field Office	User: SARAH CHAPMAN	Title: Regulatory Directory
Federal/Indian: FEDERAL	Lease Number: NMLC0028785	Lease Acres:
Agreement in place?: NO	Federal or Indian Agreement:	
Agreement Number:	Agreement Name:	
Keep this Well Completion Report confidential?: NO		
APD Operator: SPUR ENERGY PARTNERS LLC		

Section 2 - Well

Field/Pool or Exploratory:	Pool Name: GLORIETA-YESO	Field Name: Loco Hills
Well Type: OIL WELL		
Spud Date: 02-01-2022		
Date Total Measured Depth Reached: 03-25-2022		
Drill & Abandon or Ready To Produce: READY TO		
Well Class: HORIZONTAL		

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
QUATERNARY	DOLOMITE, OTHER	CALICHE	3666	0	0	USEABLE WATER	
RUSTLER	ANHYDRITE, DOLOMITE, SHALE		3366	300	300	USEABLE WATER	

Operator Name SPUR ENERGY PARTNERS LLC	Well Name FAT TIRE 12 FEDERAL	Well Number 51H	US Well Number 3001548893
SHL	County	State	Lease Number(s) NMLC0028785
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name FAT TIRE 12 FEDERAL 10H	Well Pad Number 10H, 21H, 51H	ID 10400065558

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
TOP SALT	ANHYDRITE		3181	485	485	OTHER	SALT
TANSILL	ANHYDRITE		2673	993	1065	OTHER	SALT
YATES	LIMESTONE, SHALE, SILTSTONE		2672	994	1175	OTHER	SALT
BASE OF SALT	ANHYDRITE		2666	1000	1000	OTHER	SALT
SEVEN RIVERS	DOLOMITE, LIMESTONE		2246	1420	1450	OTHER	SALT
QUEEN	ANHYDRITE, DOLOMITE, SILTSTONE		1641	2025	2060	OTHER	SALT
SAN ANDRES	DOLOMITE		916	2750	2765	NATURAL GAS, OIL	
GLORIETA	DOLOMITE, SILTSTONE		-396	4062	4175	NATURAL GAS, OIL	
GRAYBURG	ANHYDRITE		-415	4081	4175	NATURAL GAS, OIL	
YESO	DOLOMITE		-846	4512	6300	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
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Operator Name SPUR ENERGY PARTNERS LLC	Well Name FAT TIRE 12 FEDERAL	Well Number 51H	US Well Number 3001548893
SHL	County	State	Lease Number(s) NMLC0028785
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name FAT TIRE 12 FEDERAL 10H	Well Pad Number 10H, 21H, 51H	ID 10400065558

Completion Data

Status of Interval	Number of Holes	Perforation Size	Interval Perforated?	Interval Bottom (MD)	Interval Top (MD)	Formation	Date First Produced	Date Completed	Completion Status	Describe Well Completion Type	Well Completion Type	Lease Number	Case Number	Interval Number	Completion Code	Wellbore Code
OPEN	900	.42	Y	10468	5416	YESO	05-25-2022	05-24-2022	POW		NEW	NMLC0028785	NMLC0028785	1	S1	00

Treatment Data

Treatment Remarks	Total Proppant (lbs)	Totle Fluid (bbls)	Treatment Type	Interval Treated?	Interval Number	Completion Code	Wellbore Code
	5021440	293056	FRAC	Y	1	S1	00

Production Data

Describe Disposition	Disposition of Gas	Describe Production	Production Method	Gas Gravity	API Oil Gravity	Interval Number	Completion Code	Wellbore Code
	SOLD		ELECTRIC PUMP SUB-SURFACE			1	S1	00

Test Data

Casing Pressure (psi)	Tubing Pressure Shut-in (psi)	Tubing Pressure	Choke Size	Gas-Oil Ratio (SCF/Bbl)	24-Hour Rate Water(BWPD)	24-Hour Rate Gas (MCF)	24-Hour Rate Oil (bbls)	Hours Tested	Test Date	Interval Number	Completion Code	Wellbore Code

Operator Name SPUR ENERGY PARTNERS LLC	Well Name FAT TIRE 12 FEDERAL	Well Number 51H	US Well Number 3001548893
SHL	County	State	Lease Number(s) NMLC0028785
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name FAT TIRE 12 FEDERAL 10H	Well Pad Number 10H, 21H, 51H	ID 10400065558

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	06/16/2022	24	546	476	2788	871		300		146

Well Location

Survey Type: RECTANGULAR

Survey Number: 19680

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/L of Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.8483435	-104.0163646	3666	FEDERAL	NMLC0028785				2385	FSL	1020	FWL	17S	30E	7	NWSW
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.8479338	-104.0169238	-177	FEDERAL	NMLC0028785				2236	FSL	849	FWL	17S	30E	7	NWSW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.847883	-104.028322	-1082	FEDERAL	NMLC0028785				1825	FSL	2639	FWL	17S	30E	12	NESW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.8478735	-104.020009	-1134	FEDERAL	NMLC0028785				1850	FSL	106	FEL	17S	29E	12	NESE
EXIT Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	EDDY	32.8478803	-104.036519	-1035	FEDERAL	NMLC0028785				1843	FSL	117	FWL	17S	29E	12	NWSW

Operator Name SPUR ENERGY PARTNERS LLC	Well Name FAT TIRE 12 FEDERAL	Well Number 51H	US Well Number 3001548893
SHL	County	State	Lease Number(s) NMLC0028785
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name FAT TIRE 12 FEDERAL 10H	Well Pad Number 10H, 21H, 51H	ID 10400065558

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
BHL Well bore 00	NEW MEXIC O	NEW MEXICO PRINCIPA L	EDDY	32.84788 04	- 104.0366 818	-1034	FEDER AL	NMLCO 02878 5				1846	FSL	55	FWL	17S	29E	12	NWSW

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	375	13.375	54.5	J-55		BUTT		
00	INTERME DIATE	12.25	0	1552	9.625	36	J-55		BUTT		
00	PRODUCT ION	8.75	0	5142	7.0	32	L-80		OTHER	BK-HT	
00	PRODUCT ION	8.75	5142	10530	5.5	20	L-80		OTHER	BK-HT	

Operator Name SPUR ENERGY PARTNERS LLC	Well Name FAT TIRE 12 FEDERAL	Well Number 51H	US Well Number 3001548893
SHL	County	State	Lease Number(s) NMLC0028785
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name FAT TIRE 12 FEDERAL 10H	Well Pad Number 10H, 21H, 51H	ID 10400065558

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Class C Premium Plus	365	1.87	0					121.6
00	INTERMEDIATE		Class C Premium Plus	375	2.4	0	Class C Premium Plus	155	1.87		211.9
00	PRODUCTION		Class C Premium Plus	210	2.4	0	Class C Premium Plus	1430	1.56		487.1

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	3.5		5011			J-55			

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator Name SPUR ENERGY PARTNERS LLC	Well Name FAT TIRE 12 FEDERAL	Well Number 51H	US Well Number 3001548893
SHL	County	State	Lease Number(s) NMLC0028785
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name FAT TIRE 12 FEDERAL 10H	Well Pad Number 10H, 21H, 51H	ID 10400065558

Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: SPUR ENERGY PARTNERS LLC

Signed By: SARAH CHAPMAN

Title: Regulatory Directory

Signed on: 08/17/2022

Street Address: 9655 KATY FREEWAY, SUITE 500

City: Houston

State: TX

Zip: 77024

Phone: (832)930-8613

Email address: SCHAPMAN@SPUREPLLC.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

FINAL_Fat_Tire_12_Federal_51H_5MD_20220817141250.tiff

Fat_Tire_12_Federal_51H_Direct_Plot_20220817141259.pdf

Fat_Tire_12_Federal_51H_Direct_Cert_20220817141259.pdf

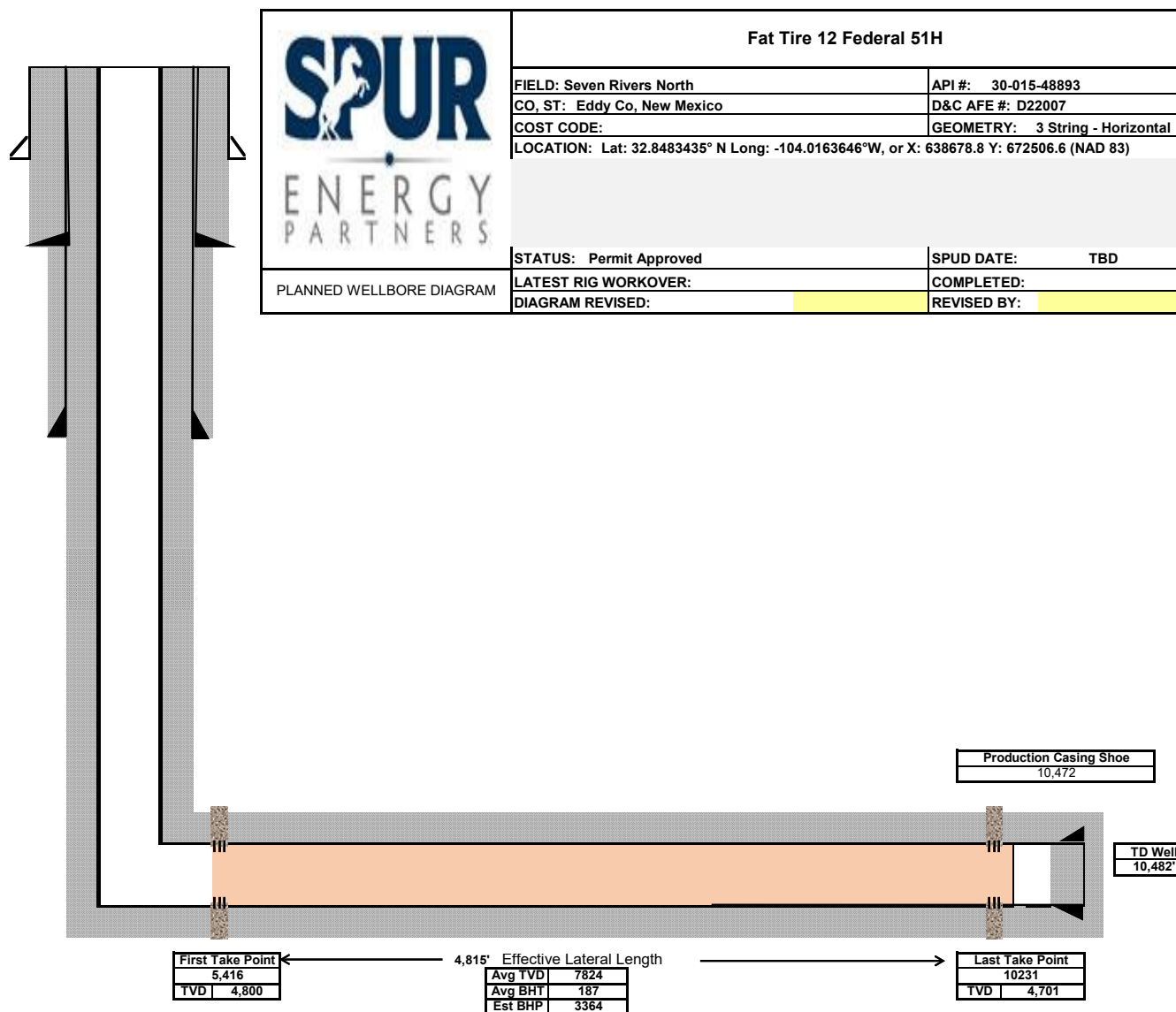
Fat_Tire_12_Federal_51H_Direct_Plan_20220817141259.pdf

Fat_Tire_12_Fedearl_51H_WBD_20220817141310.pdf

Operator Name SPUR ENERGY PARTNERS LLC	Well Name FAT TIRE 12 FEDERAL	Well Number 51H	US Well Number 3001548893
SHL	County	State	Lease Number(s) NMLC0028785
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name FAT TIRE 12 FEDERAL 10H	Well Pad Number 10H, 21H, 51H	ID 10400065558

Fat_Tire_12_Federal_51H_As_Drilled_20220817141310.pdf

Depth	Hole Size	Casing Data	Lithology	Fluid	Cement
90'		20" 94# H 40		8.4 ppg FW Gel and Gel/LCM Sweeps	Ready-Mix @ Surface
350'	17 1/2	13.375 54.5# J-55 BTC	Rustler	8.4 ppg FW Gel and Gel/LCM Sweeps	TOC @ Surface 165% Excess
1,550'	12 1/4	9 5/8" 36# J-55 BTC	Tansill Top @ 1065' Seven Rivers Top @ 1450'	8.4-9.2 ppg FW Cut Brine Gel Sweeps and LCM Pills as needed	TOC @ Surface 100% Excess
10,482'	8 3/4	5 1/2" 20# L-80 BK-HT to 10482' x 7" 32# L-80 BK-HT to 5100'	San Andres Top @ 2,765' TVD Yeso Top @ 6,300' TVD	8.4-9.2 ppg FW Cut Brine Gel Sweeps and LCM Pills as needed (only acid soluble LCM)	TOC @ Surface 25% Excess



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 135100

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 135100
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

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.

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Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 135100

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 135100
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/24/2025