

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address SPUR ENERGY PARTNERS LLC 9655 KATY FREEWAY, SUITE 500 HOUSTON, TX 77024		² OGRID Number 328947	
		³ Reason for Filing Code/ Effective Date RT 05/26/2021	
⁴ API Number 30 - 0 15-47696	⁵ Pool Name FREN; GLORIETA-YESO		⁶ Pool Code 26770
⁷ Property Code 329801	⁸ Property Name BIG N TASTY STATE COM		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
L	02	17S	31E		2280	SOUTH	60	WEST	EDDY

¹¹ Bottom Hole Location FTP: 2029' FSL 108' FWL LTP: 2050' FSL 164' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	02	17S	31E		2050	SOUTH	37	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 FIELD SERVICES, LLC 4200 EAST SKELLY DRIVE, SUITE 700, TULSA, OK 74135	O
33479	HOLLYFRONTIER FEFINING & MARKETING 2828 N. HARWOOD, SUITE 1300, DALLAS, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 01/31/2021	²² Ready Date 05/26/2021	²³ TD 5749'V/11345'M	²⁴ PBTD 5749'V/11345'M	²⁵ Perforations 6202'-11218'	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 BUT	715'	560 SXS (CIRC TO SURFACE)		
12-1/4"	9-5/8" 36# J-55 BUT	2325'	665 SXS (CIRC TO SURFACE)		
8-3/4"	7" 32# L-80 BK-HT 5-1/2" 20# L-80 BK-HT	6018' 11345'	1505 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 Approved by: KURT SIMMONS
Printed name: SARAH CHAPMAN	Title: NMOCd, SANTA FE
Title: REGULATORY DIRECTOR	Approval Date: 07/27/2021
E-mail Address: SCHAPMAN@SPUREPLLC.COM	RT C-104 EXPIRES 08/26/2021
Date: 05/26/2021 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

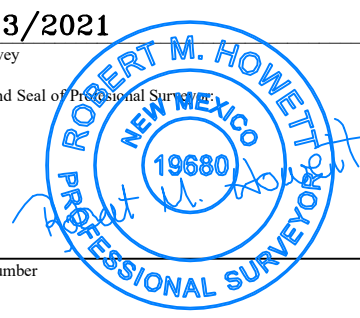
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47696		² Pool Code 26770		³ Pool Name FREN; GLORIETA-YESO					
⁴ Property Code 329801		⁵ Property Name BIG 'N TASTY STATE COM						⁶ Well Number 51H	
⁷ OGRID NO. 328947		⁸ Operator Name SPUR ENEGY PARTNERS LLC						⁹ Elevation 3976'	
¹⁰ Surface Location									
UL or lot no. L	Section 2	Township 17S	Range 31E	Lot Idn	Feet from the 2280	North/South line SOUTH	Feet From the 60	East/West line WEST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. I	Section 2	Township 17S	Range 31E	Lot Idn	Feet from the 2050	North/South line SOUTH	Feet from the 37	East/West line EAST	County EDDY
¹² Dedicated Acres 320		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

¹⁶ <u>GEODETIC DATA</u> NAD 83 GRID - NM EAST <u>SURFACE LOCATION (SL)</u> N: 677910.2 - E: 690137.3 LAT: 32.8626588° N LONG: 103.8487258° W <u>FIRST TAKE POINT (FTP)</u> 2029' FSL & 108' FWL N: 677659.4 - E: 690187.1 LAT: 32.8619688° N LONG: 103.8485674° W MD: 6202.0 - TVD: 5819.2 <u>LAST TAKE POINT (LTP)</u> 2050' FSL & 164' FEL N: 677716.2 - E: 695194.4 LAT: 32.8620607° N LONG: 103.8322594° W MD: 11218.0 - TVD: 5755.2				<u>BOTTOM HOLE (BH)</u> N: 677716.9 - E: 695321.1 LAT: 32.8620609° N LONG: 103.8318469° W MD: 11345.0 - TVD: 5748.8 <u>CORNER DATA</u> NAD 83 GRID - NM EAST A: FOUND 1/2" REBAR N 675594.5 - E 684811.1 B: CALCULATED CORNER N 680870.9 - E 684780.1 C: FOUND BRASS CAP "1916" N 680888.4 - E 687419.6 D: FOUND BRASS CAP "1916" N 680907.6 - E 690060.3				E: FOUND BRASS CAP "1916" N 680926.1 - E 692700.3 F: FOUND BRASS CAP "1916" N 680945.0 - E 695340.9 G: FOUND BRASS CAP "1916" N 678307.8 - E 695355.0 H: FOUND BRASS CAP "1916" N 675668.0 - E 695369.9 I: FOUND BRASS CAP "1916" N 675650.7 - E 692730.3 J: FOUND BRASS CAP "1916" N 675630.4 - E 690091.1 K: FOUND BRASS CAP "1916" N 678270.8 - E 690075.1			
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. Signature <u>Sarah Chapman</u> Date <u>05/24/2021</u> SARAH CHAPMAN Printed Name <u>SCHAPMAN@SPUREPLLC.COM</u> 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. <u>04/13/2021</u> Date of Survey Signature and Seal of Professional Surveyor:  19680 Certificate Number											

LOT 4 39.93 AC LOT 3 39.93 AC LOT 2 39.91 AC LOT 1 39.91 AC LOT 4 39.90 AC LOT 3 39.90 AC LOT 2 39.90 AC LOT 1 39.90 AC

3

S.L. 60' FTP 2280' B.H. 37' LTP 2050'

Job No: LS20100606-COMPLETED



Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

Big 'n Tasty

#51H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

13 April, 2021





Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #51H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3996.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3996.00usft
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	Big 'n Tasty				
Site Position:		Northing:	677,890.20 usft	Latitude:	32.8626039
From:	Map	Easting:	690,137.40 usft	Longitude:	-103.8487257
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.263 °

Well	#51H					
Well Position	+N/-S	0.00 usft	Northing:	677,910.20 usft	Latitude:	32.8626588
	+E/-W	0.00 usft	Easting:	690,137.30 usft	Longitude:	-103.8487258
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,976.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	11/9/2020	6.794	60.459	47,900.84344466

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	89.59	

Survey Program	Date	4/13/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
12.00	11,345.00	Survey #1 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Big 'n Tasty 51H FTP: 100' FWL - Big 'n Tasty 51H SHL: 2280' FSL & 60' FWL										
12.00	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	
120.00	0.70	323.66	120.00	0.53	-0.39	-0.39	0.65	0.65	0.00	
180.00	0.70	299.32	179.99	1.01	-0.93	-0.92	0.49	0.00	-40.57	
264.00	0.88	285.25	263.99	1.43	-2.00	-1.99	0.31	0.21	-16.75	
361.00	2.20	265.13	360.95	1.46	-4.57	-4.56	1.45	1.36	-20.74	
455.00	4.70	262.58	454.77	0.81	-10.19	-10.18	2.66	2.66	-2.71	
550.00	7.21	260.20	549.25	-0.70	-19.92	-19.93	2.65	2.64	-2.51	
644.00	9.19	257.30	642.29	-3.36	-33.06	-33.08	2.15	2.11	-3.09	
683.00	10.11	257.83	680.73	-4.76	-39.45	-39.48	2.37	2.36	1.36	



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #51H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3996.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3996.00usft
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)
826.00	9.71	252.54	821.60	-11.03	-63.22	-63.30	0.70	-0.28	-3.70
948.00	9.32	250.08	941.92	-17.48	-82.32	-82.44	0.46	-0.32	-2.02
1,069.00	9.05	249.02	1,061.37	-24.23	-100.42	-100.59	0.26	-0.22	-0.88
1,190.00	7.60	244.89	1,181.10	-31.03	-116.55	-116.77	1.30	-1.20	-3.41
1,311.00	6.86	246.03	1,301.13	-37.36	-130.40	-130.66	0.62	-0.61	0.94
1,434.00	6.51	246.82	1,423.30	-43.09	-143.52	-143.83	0.29	-0.28	0.64
1,560.00	6.51	246.65	1,548.48	-48.73	-156.64	-156.99	0.02	0.00	-0.13
1,686.00	7.08	253.24	1,673.60	-53.80	-170.64	-171.02	0.77	0.45	5.23
1,810.00	8.79	256.40	1,796.41	-58.23	-187.17	-187.58	1.42	1.38	2.55
1,936.00	9.27	256.40	1,920.85	-62.88	-206.39	-206.83	0.38	0.38	0.00
2,061.00	8.92	255.00	2,044.28	-67.76	-225.53	-226.01	0.33	-0.28	-1.12
2,187.00	8.26	254.29	2,168.86	-72.74	-243.68	-244.20	0.53	-0.52	-0.56
2,259.00	7.87	254.56	2,240.15	-75.45	-253.41	-253.95	0.54	-0.54	0.37
2,337.00	7.83	254.40	2,317.42	-78.30	-263.68	-264.23	0.06	-0.05	-0.21
2,463.00	7.34	253.35	2,442.32	-82.92	-279.65	-280.24	0.40	-0.39	-0.83
2,589.00	9.15	239.95	2,567.02	-90.24	-296.04	-296.68	2.09	1.44	-10.63
2,715.00	9.67	232.74	2,691.33	-101.67	-313.14	-313.85	1.02	0.41	-5.72
2,842.00	9.16	245.24	2,816.63	-112.36	-330.81	-331.60	1.66	-0.40	9.84
2,968.00	9.49	252.39	2,940.97	-119.70	-349.81	-350.66	0.96	0.26	5.67
3,094.00	9.36	253.73	3,065.27	-125.71	-369.55	-370.44	0.20	-0.10	1.06
3,220.00	8.97	256.05	3,189.66	-130.95	-388.92	-389.85	0.43	-0.31	1.84
3,344.00	7.81	253.00	3,312.33	-135.75	-406.36	-407.32	1.00	-0.94	-2.46
3,471.00	7.38	251.00	3,438.22	-140.93	-422.32	-423.32	0.40	-0.34	-1.57
3,597.00	7.61	250.51	3,563.14	-146.34	-437.84	-438.88	0.19	0.18	-0.39
3,722.00	7.92	251.42	3,686.99	-151.85	-453.81	-454.88	0.27	0.25	0.73
3,848.00	8.13	252.48	3,811.76	-157.30	-470.53	-471.64	0.20	0.17	0.84
3,974.00	8.45	253.90	3,936.44	-162.55	-487.92	-489.07	0.30	0.25	1.13
4,099.00	8.90	255.81	4,060.01	-167.46	-506.12	-507.30	0.43	0.36	1.53
4,224.00	6.99	244.75	4,183.81	-173.08	-522.37	-523.60	1.95	-1.53	-8.85
4,349.00	7.25	244.36	4,307.85	-179.74	-536.36	-537.64	0.21	0.21	-0.31
4,475.00	7.50	246.85	4,432.81	-186.41	-551.09	-552.41	0.32	0.20	1.98
4,602.00	7.67	249.17	4,558.70	-192.68	-566.64	-568.00	0.28	0.13	1.83
4,728.00	7.85	251.66	4,683.54	-198.38	-582.66	-584.07	0.30	0.14	1.98
4,854.00	4.18	212.49	4,808.88	-204.97	-593.30	-594.76	4.21	-2.91	-31.09
4,917.00	3.81	134.18	4,871.76	-208.36	-593.04	-594.51	8.02	-0.59	-124.30
4,980.00	4.19	196.50	4,934.64	-212.03	-592.19	-593.69	6.59	0.60	98.92
5,044.00	5.40	235.23	4,998.43	-215.99	-595.33	-596.86	5.27	1.89	60.52
5,108.00	4.40	159.67	5,062.25	-220.01	-596.95	-598.51	9.45	-1.56	-118.06
5,170.00	4.66	181.43	5,124.06	-224.76	-596.19	-597.78	2.79	0.42	35.10
5,234.00	10.11	139.51	5,187.55	-231.64	-592.60	-594.24	11.45	8.52	-65.50
5,297.00	16.04	129.31	5,248.89	-241.37	-582.26	-583.98	10.06	9.41	-16.19
5,360.00	19.30	117.27	5,308.93	-251.66	-566.27	-568.05	7.75	5.17	-19.11
5,423.00	21.98	100.57	5,367.93	-258.60	-545.40	-547.24	10.22	4.25	-26.51



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #51H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3996.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3996.00usft
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)
5,487.00	27.21	91.35	5,426.13	-261.15	-518.97	-520.82	10.11	8.17	-14.41
5,550.00	33.58	87.57	5,480.45	-260.75	-487.13	-488.98	10.55	10.11	-6.00
5,613.00	39.38	88.45	5,531.08	-259.47	-449.71	-451.55	9.24	9.21	1.40
5,676.00	43.91	90.11	5,578.15	-258.97	-407.86	-409.71	7.40	7.19	2.63
5,739.00	50.55	88.09	5,620.91	-258.20	-361.65	-363.49	10.80	10.54	-3.21
5,803.00	57.41	86.86	5,658.52	-255.89	-309.97	-311.79	10.83	10.72	-1.92
5,866.00	59.16	86.78	5,691.64	-252.92	-256.46	-258.27	2.78	2.78	-0.13
5,929.00	59.43	86.69	5,723.81	-249.84	-202.38	-204.17	0.45	0.43	-0.14
5,992.00	59.43	86.60	5,755.85	-246.66	-148.23	-149.99	0.12	0.00	-0.14
6,055.00	66.55	90.20	5,784.45	-245.15	-92.17	-93.93	12.39	11.30	5.71
6,119.00	74.77	93.72	5,805.63	-247.26	-31.89	-33.65	13.85	12.84	5.50
6,182.00	82.95	92.31	5,817.80	-250.50	29.79	27.99	13.17	12.98	-2.24
6,193.80	84.08	91.81	5,819.13	-250.92	41.50	39.71	10.48	9.61	-4.20
FINAL #51H FTP/ 100' FWL: 6193.81' MD									
6,245.00	89.01	89.68	5,822.21	-251.58	92.59	90.79	10.48	9.62	-4.17
6,259.63	89.54	89.51	5,822.40	-251.48	107.22	105.41	3.82	3.63	-1.19
Big 'n Tasty 51H LP									
6,371.00	93.58	88.18	5,819.37	-249.23	218.50	216.71	3.82	3.63	-1.19
6,497.00	95.12	88.09	5,809.81	-245.15	344.06	342.30	1.22	1.22	-0.07
6,623.00	98.07	88.09	5,795.34	-240.97	469.15	467.41	2.34	2.34	0.00
6,749.00	98.51	87.13	5,777.17	-235.78	593.72	592.02	0.83	0.35	-0.76
6,840.00	97.05	87.65	5,764.85	-231.67	683.79	682.11	1.70	-1.60	0.57
6,960.00	95.43	89.41	5,751.81	-228.61	803.03	801.37	1.99	-1.35	1.47
7,087.00	95.74	89.32	5,739.45	-227.21	929.42	927.77	0.25	0.24	-0.07
7,213.00	95.25	90.20	5,727.38	-226.69	1,054.83	1,053.19	0.80	-0.39	0.70
7,339.00	96.22	90.20	5,714.79	-227.13	1,180.20	1,178.55	0.77	0.77	0.00
7,466.00	93.01	88.88	5,704.58	-226.11	1,306.77	1,305.12	2.73	-2.53	-1.04
7,592.00	89.45	88.97	5,701.87	-223.74	1,432.69	1,431.06	2.83	-2.83	0.07
7,717.00	89.45	89.24	5,703.07	-221.79	1,557.67	1,556.05	0.22	0.00	0.22
7,843.00	87.65	89.41	5,706.26	-220.31	1,683.62	1,682.00	1.43	-1.43	0.13
7,969.00	87.47	89.50	5,711.62	-219.11	1,809.50	1,807.89	0.16	-0.14	0.07
8,095.00	87.65	89.85	5,716.99	-218.40	1,935.38	1,933.77	0.31	0.14	0.28
8,221.00	87.96	90.38	5,721.81	-218.65	2,061.29	2,059.67	0.49	0.25	0.42
8,347.00	89.76	92.22	5,724.32	-221.51	2,187.22	2,185.58	2.04	1.43	1.46
8,473.00	89.80	91.08	5,724.80	-225.13	2,313.17	2,311.50	0.91	0.03	-0.90
8,600.00	88.44	90.82	5,726.75	-227.24	2,440.13	2,438.44	1.09	-1.07	-0.20
8,726.00	88.44	90.91	5,730.19	-229.14	2,566.07	2,564.36	0.07	0.00	0.07
8,852.00	87.25	88.88	5,734.92	-228.91	2,691.97	2,690.26	1.87	-0.94	-1.61
8,977.00	88.00	88.97	5,740.10	-226.57	2,816.84	2,815.15	0.60	0.60	0.07
9,103.00	89.36	90.11	5,743.01	-225.56	2,942.80	2,941.11	1.41	1.08	0.90
9,229.00	88.97	88.71	5,744.84	-224.26	3,068.78	3,067.09	1.15	-0.31	-1.11
9,354.00	89.76	88.71	5,746.23	-221.45	3,193.74	3,192.07	0.63	0.63	0.00
9,480.00	89.49	88.88	5,747.05	-218.80	3,319.70	3,318.05	0.25	-0.21	0.13
9,606.00	89.32	88.36	5,748.36	-215.76	3,445.66	3,444.03	0.43	-0.13	-0.41



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #51H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3996.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3996.00usft
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)
9,730.00	91.60	88.88	5,747.37	-212.78	3,569.61	3,568.00	1.89	1.84	0.42
9,857.00	90.33	89.06	5,745.23	-210.49	3,696.57	3,694.97	1.01	-1.00	0.14
9,982.00	90.51	88.71	5,744.31	-208.06	3,821.54	3,819.96	0.31	0.14	-0.28
10,108.00	90.59	88.62	5,743.10	-205.13	3,947.50	3,945.93	0.10	0.06	-0.07
10,234.00	89.41	89.15	5,743.10	-202.67	4,073.48	4,071.92	1.03	-0.94	0.42
10,360.00	87.96	89.24	5,745.99	-200.90	4,199.43	4,197.88	1.15	-1.15	0.07
10,487.00	87.56	89.24	5,750.96	-199.22	4,326.32	4,324.78	0.31	-0.31	0.00
10,613.00	88.09	89.76	5,755.74	-198.12	4,452.22	4,450.69	0.59	0.42	0.41
10,739.00	89.23	89.94	5,758.68	-197.79	4,578.19	4,576.65	0.92	0.90	0.14
10,865.00	89.58	89.68	5,759.99	-197.37	4,704.18	4,702.65	0.35	0.28	-0.21
10,991.00	88.75	89.06	5,761.83	-195.99	4,830.16	4,828.63	0.82	-0.66	-0.49
11,117.00	92.13	89.68	5,760.86	-194.60	4,956.13	4,954.61	2.73	2.68	0.49
11,243.00	93.23	89.68	5,754.97	-193.90	5,081.98	5,080.47	0.87	0.87	0.00
11,276.00	93.54	89.68	5,753.02	-193.72	5,114.93	5,113.41	0.94	0.94	0.00
FINAL #51H LTP/ 100' FEL: 11282.19' MD - Big 'n Tasty 51H LTP: 100' FEL									
11,332.26	93.54	89.68	5,749.55	-193.40	5,171.07	5,169.56	0.00	0.00	0.00
Big 'n Tasty 51H PBHL: 2050' FSL & 50' FEL									
11,345.00	93.54	89.68	5,748.76	-193.33	5,183.79	5,182.28	0.00	0.00	0.00
TD: Y= 677716.87 / X= 695321.09 - Projection to Bit: 11345.00' MD/ 5748.76' TVD - Final Station Closure Distance= 5187.4									

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 #51H TD/ 37' F	0.00	0.00	5,748.76	-193.33	5,183.79	677,716.86	695,321.09	32.8620609	-103.8318469
- actual wellpath hits target center									
- Point									
FINAL #51H LTP/ 100	0.00	0.00	5,752.64	-193.68	5,121.10	677,716.51	695,258.40	32.8620608	-103.8320510
- actual wellpath hits target center									
- Point									
FINAL #51H FTP/ 100	0.00	0.00	5,819.13	-250.92	41.51	677,659.27	690,178.81	32.8619687	-103.8485943
- actual wellpath hits target center									
- Point									

Design Annotations

	Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
			+N/-S (usft)	+E/-W (usft)	
	11,345.00	5,748.76	-193.33	5,183.79	TD: Y= 677716.87 / X= 695321.09
	11,345.00	5,748.76	-193.33	5,183.79	Projection to Bit: 11345.00' MD/ 5748.76' TVD
	11,345.00	5,748.76	-193.33	5,183.79	Final Station Closure Distance= 5187.40 /Direction= 92.14
	11,345.00	5,748.76	-193.33	5,183.79	TD: Latitude= 32.8620609 / Longitude= -103.8318469



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #51H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3996.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3996.00usft
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: _____



I **Larry Wright** certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **04/03/21** thru **04/12/21** conduct or supervise the taking of a **MWD Survey** from a depth of **120'** to a depth of **11345'**; 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 **Big 'n Tasty 51H** API No. **30-015-47696** 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*



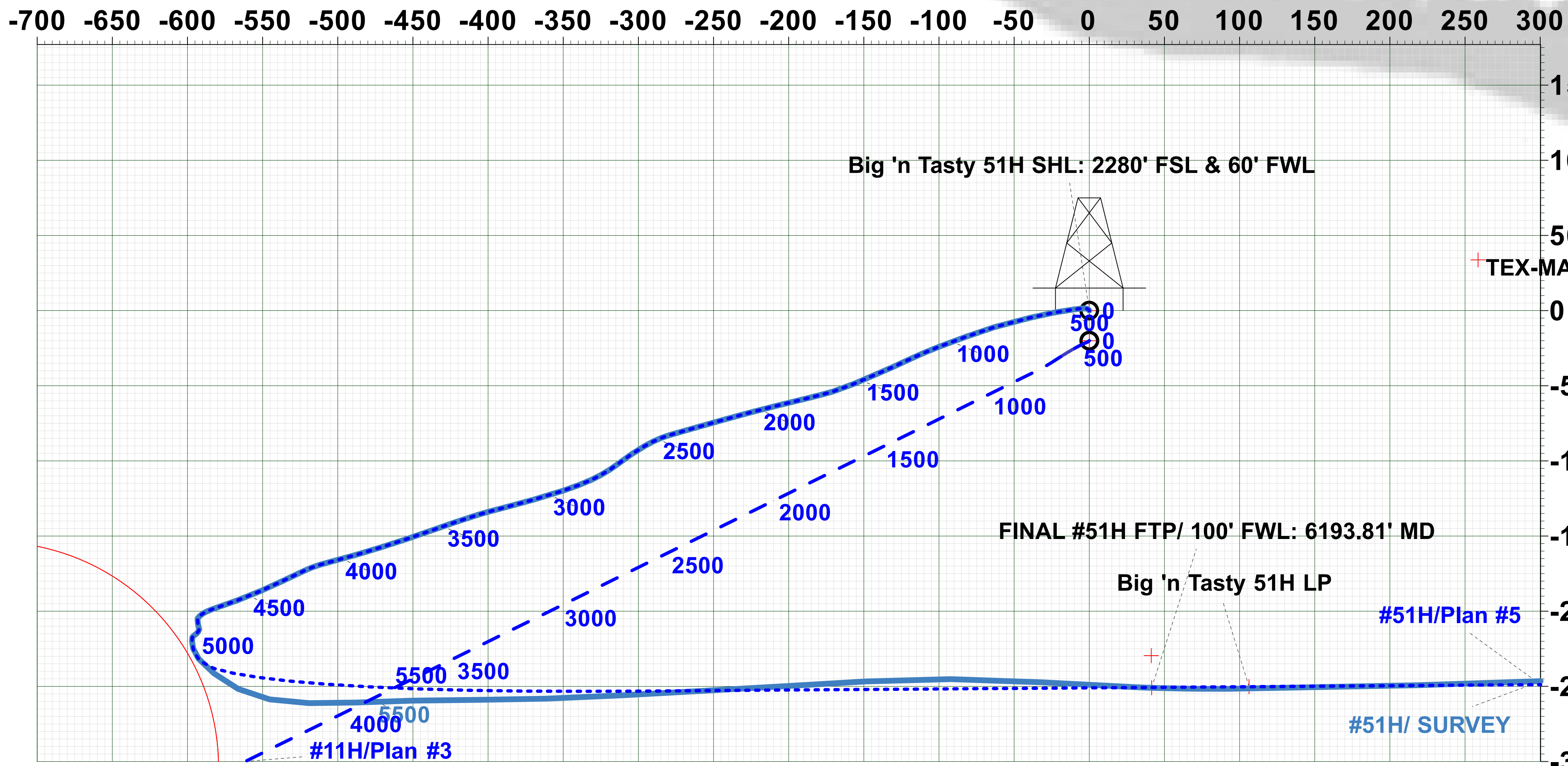
Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: Big 'n Tasty
Well: #51H
Wellbore: Wellbore #1
Rig:
Design: Plan #5 / 11:35, April 13 2021

WELL DETAILS: #51H

RKB = 20' @ 3996.00usft

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	677910.20	690137.30	32.8626588	-103.8487258

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

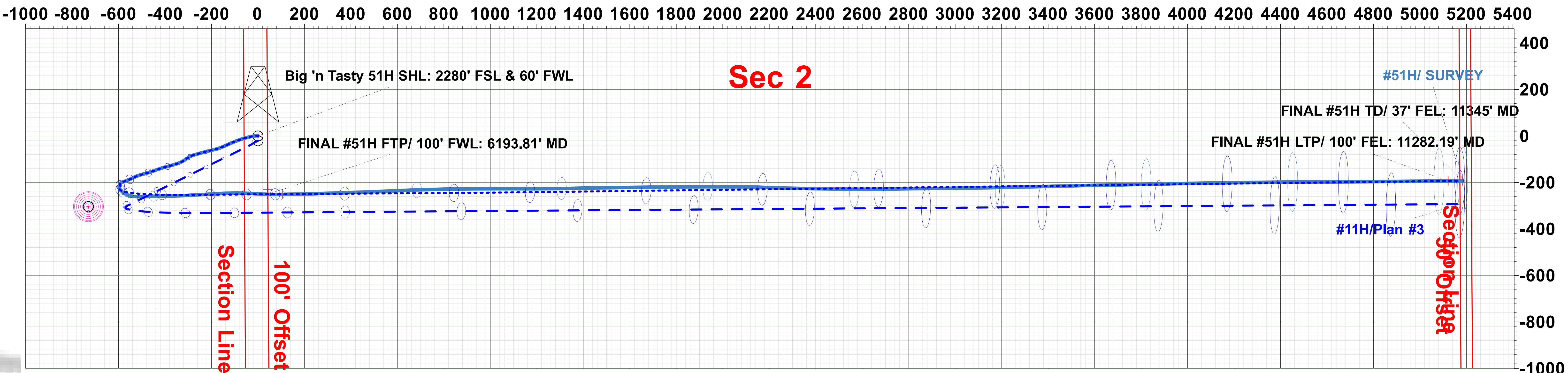


SECTION DETAILS

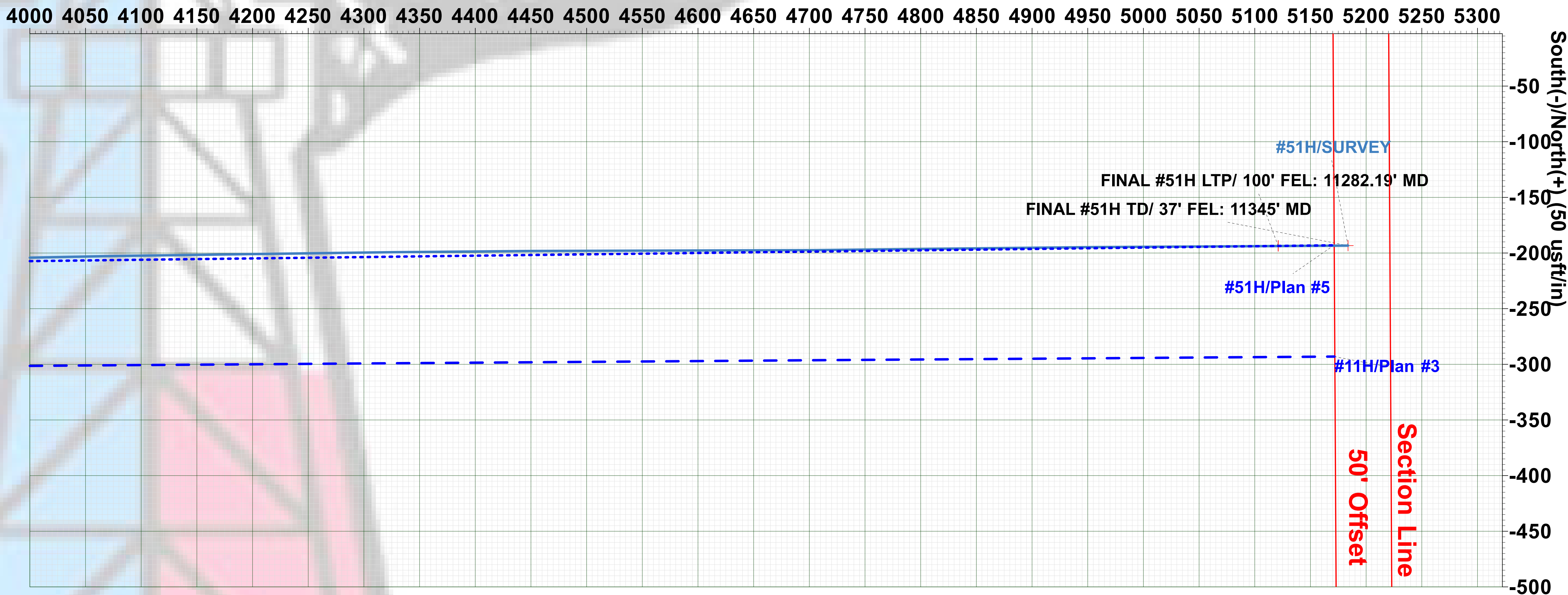
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
1	5171.00	4.71	180.15	5125.06	-224.84	-596.19	0.00	-597.78
2	5234.00	10.11	139.51	5187.55	-231.64	-592.60	11.45	-594.24
3	5297.00	12.20	108.00	5249.41	-237.91	-582.67	10.08	-584.35
4	5782.20	60.00	89.59	5630.91	-253.17	-307.15	10.00	-308.95
5	5982.20	60.00	89.59	5730.91	-251.93	-133.95	0.00	-135.75
6	6232.20	95.00	89.59	5784.18	-250.21	106.34	14.00	104.55
7	6972.20	95.00	89.59	5719.68	-244.94	843.51	0.00	841.73
8	7251.64	89.42	89.30	5708.92	-242.24	1122.61	2.00	1120.85
9	11300.63	89.42	89.30	5750.00	-193.00	5171.10	0.00	5169.59

TD: Latitude= 32.8620609 / Longitude= -103.8318469
Final Station Closure Distance= 5187.40 /Direction= 92.14
Projection to Bit: 11345.00' MD/ 5748.76' TVD
TD: Y= 677716.87 / X= 695321.09

West(-)/East(+) (200 usft/in)

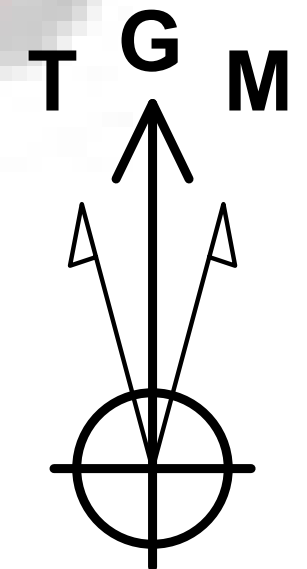


West(-)/East(+) (50 usft/in)



DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Big 'n Tasty 51H FTP: 100' FWL	0.00	-229.50	41.30	677680.70	690178.60	32.8620275	-103.8485947
Big 'n Tasty 51H SHL: 2280' FSL & 60' FWL	0.00	0.00	0.00	677910.20	690137.30	32.8626588	-103.8487258
FINAL #51H TD/ 37' FEL: 11345' MD	5748.76	-193.33	5183.79	677716.87	695321.09	32.8620609	-103.8318469
Big 'n Tasty 51H LTP: 100' FEL	5749.50	-193.40	5121.10	677716.80	695258.40	32.8620616	-103.8320510
Big 'n Tasty 51H PBHL: 2050' FSL & 50' FEL	5750.00	-193.00	5171.10	677717.20	695308.40	32.8620620	-103.8318882
FINAL #51H LTP/ 100' FEL: 11282.19' MD	5752.64	-193.68	5121.10	677716.52	695258.40	32.8620608	-103.8320510
Big 'n Tasty 51H LP	5784.18	-250.20	106.33	677660.00	690243.63	32.8619698	-103.8483832
FINAL #51H FTP/ 100' FWL: 6193.81' MD	5819.13	-250.92	41.51	677659.28	690178.81	32.8619686	-103.8485943



Azimuths to Grid North
True North: -0.26°
Magnetic North: 6.53°

Magnetic Field
Strength: 47900.8snT
Dip Angle: 60.46°
Date: 11/9/2020
Model: IGRF2020

CORRECTION REFERENCE DATA:

To convert a Magnetic Direction to a Grid Direction, Add 6.531°
To convert a True Direction to a Grid Direction, Subtract 0.263°
To convert a Magnetic Direction to a True Direction, Add 6.794° East
Magnetic Declination: 6.794°
Grid Convergence: 0.263° West
Magnetic Dip Angle: 60.459°
Magnetic Field Strength: 47900.84344466nT

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 #5 (#51H/Wellbore #1)

Created By: Matthew May Date: 11:35, April 13 2021

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 29564

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 29564
	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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 29564

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 29564
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	RT C-104 expires 08/26/2021; submit all drilling, casing, and completion sundries/reports.	7/27/2021