

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 - 015-47690	⁵ Pool Name FREN; GLORIETA-YESO	⁶ Pool Code 26670
⁷ Property Code 329801	⁸ Property Name BIG N TASTY STATE COM	⁹ Well Number 10H

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
M	02	17S	31E		1128	SOUTH	60	WEST	EDDY

¹¹ Bottom Hole Location FTP: 460' FSL 104' FWL LTP: 448' 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
P	02	17S	31E		448	SOUTH	56	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	G
33479	HOLLYFRONTIER REFINING & MARKETING 2828 N. HARWOOD, SUITE 1300, DALLAS, TX 75201	O

IV. Well Completion Data

²¹ Spud Date 01/30/2021	²² Ready Date 05/26/2021	²³ TD 5430'V/10890'M	²⁴ PBTD 5430'V/10890'M	²⁵ Perforations 6250'-11146'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
17-1/2"		13-3/8" 54.5# J-55 BUTT		708'	
12-1/4"		9-5/8" 36# J-55 BUTT		2340'	
8-1/2"		7" 32# L-80 BK-HT 5-1/2" 20# L-80 BK-HT		5654' 10890'	
		3-1/2" J-55			

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: Sarah Chapman			OIL CONSERVATION DIVISION		
Printed name: SARAH CHAPMAN			Approved by: KURT SIMMONS		
Title: REGULATORY DIRECTOR			Title: NMOC, SANTA FE		
E-mail Address: SCHAPMAN@SPUREPLLC.COM			Approval Date: 07/27/2021		
Date: 05/26/2021		Phone: 832-930-8613		RT C-104 EXPIRES 08/26/2021	

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

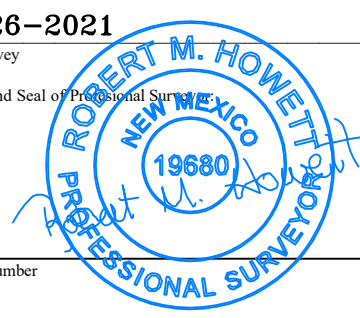
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47690		² Pool Code 26670		³ Pool Name FREN; GLORIETA-YESO					
⁴ Property Code 329801		⁵ Property Name BIG 'N TASTY STATE COM						⁶ Well Number 10H	
⁷ GRID NO. 328947		⁸ Operator Name SPUR ENEGY PARTNERS LLC						⁹ Elevation 3967'	
¹⁰ Surface Location									
UL or lot no. M	Section 2	Township 17S	Range 31E	Lot Idn	Feet from the 1128	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. P	Section 2	Township 17S	Range 31E	Lot Idn	Feet from the 448	North/South line SOUTH	Feet from the 56	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: 676758.5 - E: 690144.3 LAT: 32.8594934° N LONG: 103.8487203° W <u>FIRST TAKE POINT (FTP)</u> 460' FSL & 104' FWL N: 676091.4 - E: 690192.4 LAT: 32.8576590° N LONG: 103.8485736° W MD: 5766.0 - TVD: 5363.7 <u>LAST TAKE POINT (LTP)</u> 448' FSL & 164' FEL N: 676115.2 - E: 695203.5 LAT: 32.8576603° N LONG: 103.8322547° W MD: 10782.0 - TVD: 5431.9				<u>BOTTOM HOLE (BH)</u> N: 676115.3 - E: 695311.5 LAT: 32.8576592° N LONG: 103.8319030° W MD: 10890 - TVD: 5430.2 <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. <u>Sarah Chapman</u> 05/14/2021 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. 02-26-2021 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

60' S.L.

1128'

FTP

B.H. 56'

LTP

448'

Job No: LS20100609-COMPLETED



Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

Big 'n Tasty

#10H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

31 March, 2021



Survey Report

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #10H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3987.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3987.00usft
Well:	#10H	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
From:	Map	Easting:	690,137.40 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.8626039
		Longitude:	-103.8487257
		Grid Convergence:	0.263 °

Well	#10H		
Well Position	+N/-S	0.00 usft	Northing: 676,758.50 usft
	+E/-W	0.00 usft	Easting: 690,144.30 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32.8594933
		Longitude:	-103.8487202
		Ground Level:	3,967.00 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2020	11/09/20	6.794
			Dip Angle (°) 60.456
			Field Strength (nT) 47,899.04454965

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)
	0.00	0.00	0.00
			Direction (°) 89.59

Survey Program	Date	03/31/21		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
12.00	686.00	Survey #1 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM
766.00	10,890.00	Survey #2 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.00	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00
119.00	0.31	347.92	119.00	0.28	-0.06	-0.06	0.29	0.29	0.00
179.00	0.62	268.73	179.00	0.43	-0.42	-0.42	1.07	0.52	-131.98
263.00	0.70	286.92	262.99	0.57	-1.36	-1.36	0.27	0.10	21.65
360.00	1.80	244.56	359.97	0.09	-3.31	-3.31	1.41	1.13	-43.67
454.00	4.00	236.65	453.84	-2.35	-7.38	-7.40	2.37	2.34	-8.41
549.00	6.11	236.30	548.47	-6.97	-14.35	-14.40	2.22	2.22	-0.37
643.00	6.90	231.90	641.86	-13.23	-22.96	-23.05	0.99	0.84	-4.68
686.00	7.69	230.85	684.52	-16.64	-27.22	-27.34	1.86	1.84	-2.44



Survey Report

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #10H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3987.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3987.00usft
Well:	#10H	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)
766.00	8.04	228.63	763.76	-23.72	-35.57	-35.74	0.58	0.44	-2.77
887.00	8.97	215.27	883.44	-37.01	-47.37	-47.63	1.80	0.77	-11.04
948.00	9.19	211.67	943.68	-45.04	-52.67	-53.00	1.00	0.36	-5.90
1,069.00	10.29	205.52	1,062.94	-63.02	-62.40	-62.85	1.25	0.91	-5.08
1,191.00	12.26	205.69	1,182.58	-84.53	-72.72	-73.32	1.61	1.61	0.14
1,311.00	13.98	212.11	1,299.44	-108.29	-85.94	-86.72	1.88	1.43	5.35
1,436.00	14.95	225.64	1,420.52	-132.36	-105.50	-106.45	2.81	0.78	10.82
1,562.00	15.74	231.79	1,542.03	-154.30	-130.55	-131.66	1.43	0.63	4.88
1,689.00	13.71	229.07	1,664.86	-174.81	-155.46	-156.71	1.69	-1.60	-2.14
1,815.00	13.41	226.70	1,787.34	-194.62	-177.38	-178.77	0.50	-0.24	-1.88
1,942.00	13.19	225.47	1,910.94	-214.88	-198.42	-199.96	0.28	-0.17	-0.97
2,068.00	12.92	232.67	2,033.69	-233.50	-219.88	-221.54	1.31	-0.21	5.71
2,195.00	12.13	231.27	2,157.67	-250.46	-241.57	-243.36	0.67	-0.62	-1.10
2,274.00	11.65	231.44	2,234.97	-260.63	-254.29	-256.14	0.61	-0.61	0.22
2,407.00	11.28	229.51	2,365.32	-277.44	-274.68	-276.66	0.40	-0.28	-1.45
2,533.00	10.64	226.91	2,489.02	-293.39	-292.55	-294.64	0.64	-0.51	-2.06
2,659.00	14.51	235.46	2,611.98	-310.29	-314.05	-316.27	3.40	3.07	6.79
2,786.00	13.54	232.79	2,735.20	-328.31	-339.00	-341.34	0.92	-0.76	-2.10
2,912.00	12.80	230.53	2,857.88	-346.10	-361.52	-363.99	0.72	-0.59	-1.79
3,038.00	15.45	229.44	2,980.06	-365.89	-385.05	-387.66	2.11	2.10	-0.87
3,165.00	14.38	218.50	3,102.81	-389.24	-407.73	-410.50	2.37	-0.84	-8.61
3,291.00	13.87	218.49	3,225.00	-413.30	-426.87	-429.81	0.40	-0.40	-0.01
3,417.00	13.27	218.22	3,347.48	-436.48	-445.21	-448.32	0.48	-0.48	-0.21
3,544.00	13.06	218.92	3,471.14	-459.10	-463.24	-466.52	0.21	-0.17	0.55
3,670.00	10.93	226.45	3,594.39	-478.41	-480.85	-484.26	2.09	-1.69	5.98
3,796.00	12.47	232.92	3,717.78	-494.84	-500.36	-503.89	1.60	1.22	5.13
3,922.00	13.12	234.90	3,840.65	-511.27	-522.91	-526.56	0.62	0.52	1.57
4,048.00	13.25	229.58	3,963.33	-528.85	-545.61	-549.38	0.97	0.10	-4.22
4,174.00	13.33	229.91	4,085.95	-547.57	-567.71	-571.62	0.09	0.06	0.26
4,300.00	13.55	228.76	4,208.50	-566.65	-589.93	-593.97	0.27	0.17	-0.91
4,426.00	12.55	220.88	4,331.26	-586.74	-609.99	-614.17	1.62	-0.79	-6.25
4,489.00	12.43	216.86	4,392.77	-597.34	-618.53	-622.79	1.39	-0.19	-6.38
4,552.00	9.10	193.88	4,454.68	-607.61	-623.80	-628.13	8.52	-5.29	-36.48
4,615.00	8.92	166.58	4,516.93	-617.20	-623.86	-628.26	6.73	-0.29	-43.33
4,678.00	10.29	146.30	4,579.06	-626.63	-619.60	-624.07	5.76	2.17	-32.19
4,739.00	14.04	128.67	4,638.70	-635.80	-610.80	-615.33	8.59	6.15	-28.90
4,802.00	18.04	113.04	4,699.27	-644.40	-595.84	-600.44	9.29	6.35	-24.81
4,865.00	19.75	104.81	4,758.88	-650.94	-576.57	-581.21	5.02	2.71	-13.06
4,928.00	22.38	95.73	4,817.68	-654.86	-554.33	-559.01	6.64	4.17	-14.41
4,991.00	24.66	86.63	4,875.46	-655.28	-529.27	-533.94	6.80	3.62	-14.44
5,054.00	28.83	86.41	4,931.71	-653.56	-500.98	-505.64	6.62	6.62	-0.35
5,117.00	33.79	89.13	4,985.52	-652.34	-468.28	-472.93	8.18	7.87	4.32
5,180.00	38.71	93.83	5,036.32	-653.39	-431.08	-435.74	8.96	7.81	7.46



Survey Report

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #10H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3987.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3987.00usft
Well:	#10H	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)
5,243.00	43.08	91.30	5,083.94	-655.19	-389.89	-394.57	7.42	6.94	-4.02
5,306.00	47.64	93.33	5,128.19	-657.04	-345.12	-349.81	7.59	7.24	3.22
5,368.00	52.11	93.08	5,168.14	-659.68	-297.79	-302.51	7.22	7.21	-0.40
5,431.00	58.13	91.89	5,204.15	-661.90	-246.18	-250.91	9.68	9.56	-1.89
5,494.00	59.13	91.85	5,236.95	-663.66	-192.42	-197.17	1.59	1.59	-0.06
5,557.00	57.87	92.93	5,269.86	-665.89	-138.76	-143.52	2.48	-2.00	1.71
5,619.00	57.72	93.00	5,302.91	-668.61	-86.37	-91.15	0.26	-0.24	0.11
5,683.00	63.30	89.25	5,334.41	-669.65	-30.70	-35.49	10.10	8.72	-5.86
5,746.00	71.74	87.33	5,358.48	-667.89	27.43	22.65	13.69	13.40	-3.05
5,809.00	79.81	88.25	5,373.94	-665.54	88.40	83.63	12.89	12.81	1.46
5,870.00	87.71	89.99	5,380.57	-664.62	148.98	144.22	13.26	12.95	2.85
5,933.00	91.44	91.51	5,381.04	-665.44	211.96	207.19	6.39	5.92	2.41
6,042.00	90.29	94.63	5,379.39	-671.28	320.78	315.96	3.05	-1.06	2.86
6,163.00	90.54	92.14	5,378.52	-678.42	441.55	436.69	2.07	0.21	-2.06
6,281.00	90.60	89.98	5,377.34	-680.61	559.52	554.63	1.83	0.05	-1.83
6,404.00	89.48	88.47	5,377.26	-678.94	682.50	677.63	1.53	-0.91	-1.23
6,530.00	88.50	88.11	5,379.48	-675.18	808.42	803.57	0.83	-0.78	-0.29
6,655.00	89.28	88.35	5,381.90	-671.32	933.34	928.51	0.65	0.62	0.19
6,780.00	90.07	88.49	5,382.61	-667.88	1,058.29	1,053.48	0.64	0.63	0.11
6,906.00	88.61	89.01	5,384.06	-665.13	1,184.25	1,179.46	1.23	-1.16	0.41
7,032.00	89.01	89.13	5,386.67	-663.08	1,310.20	1,305.43	0.33	0.32	0.10
7,157.00	89.00	88.92	5,388.85	-660.96	1,435.17	1,430.40	0.17	-0.01	-0.17
7,283.00	89.51	88.86	5,390.48	-658.52	1,561.13	1,556.38	0.41	0.40	-0.05
7,409.00	89.09	90.24	5,392.02	-657.53	1,687.12	1,682.37	1.14	-0.33	1.10
7,534.00	89.73	90.79	5,393.31	-658.65	1,812.10	1,807.34	0.68	0.51	0.44
7,659.00	90.21	91.29	5,393.38	-660.92	1,937.08	1,932.30	0.55	0.38	0.40
7,785.00	89.09	89.71	5,394.15	-662.02	2,063.07	2,058.28	1.54	-0.89	-1.25
7,911.00	89.87	89.73	5,395.29	-661.40	2,189.06	2,184.27	0.62	0.62	0.02
8,036.00	89.93	89.80	5,395.51	-660.89	2,314.06	2,309.27	0.07	0.05	0.06
8,162.00	88.72	89.62	5,396.99	-660.25	2,440.05	2,435.26	0.97	-0.96	-0.14
8,288.00	89.34	90.31	5,399.12	-660.17	2,566.03	2,561.24	0.74	0.49	0.55
8,414.00	87.55	88.84	5,402.54	-659.24	2,691.97	2,687.18	1.84	-1.42	-1.17
8,539.00	87.52	88.82	5,407.92	-656.69	2,816.83	2,812.06	0.03	-0.02	-0.02
8,666.00	87.80	89.31	5,413.11	-654.62	2,943.70	2,938.94	0.44	0.22	0.39
8,793.00	88.33	89.52	5,417.39	-653.32	3,070.62	3,065.87	0.45	0.42	0.17
8,919.00	89.73	90.69	5,419.53	-653.56	3,196.60	3,191.84	1.45	1.11	0.93
9,045.00	89.73	91.05	5,420.12	-655.47	3,322.58	3,317.81	0.29	0.00	0.29
9,170.00	88.78	90.06	5,421.75	-656.68	3,447.56	3,442.78	1.10	-0.76	-0.79
9,296.00	88.61	89.04	5,424.62	-655.69	3,573.53	3,568.74	0.82	-0.13	-0.81
9,423.00	89.99	88.70	5,426.17	-653.19	3,700.49	3,695.72	1.12	1.09	-0.27
9,547.00	89.76	89.04	5,426.44	-650.74	3,824.46	3,819.71	0.33	-0.19	0.27
9,674.00	91.08	89.83	5,425.51	-649.49	3,951.45	3,946.70	1.21	1.04	0.62
9,800.00	91.16	90.11	5,423.04	-649.42	4,077.43	4,072.68	0.23	0.06	0.22



Survey Report

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #10H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3987.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3987.00usft
Well:	#10H	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)
9,926.00	90.13	89.30	5,421.63	-648.77	4,203.41	4,198.66	1.04	-0.82	-0.64
10,052.00	88.44	89.32	5,423.20	-647.26	4,329.39	4,324.65	1.34	-1.34	0.02
10,178.00	88.14	89.34	5,426.96	-645.78	4,455.33	4,450.59	0.24	-0.24	0.02
10,304.00	88.22	89.37	5,430.96	-644.37	4,581.25	4,576.53	0.07	0.06	0.02
10,429.00	88.67	89.83	5,434.35	-643.49	4,706.20	4,701.48	0.51	0.36	0.37
10,555.00	90.74	89.97	5,435.00	-643.27	4,832.20	4,827.47	1.65	1.64	0.11
10,681.00	90.91	90.04	5,433.19	-643.28	4,958.18	4,953.45	0.15	0.13	0.06
10,824.00	90.77	89.93	5,431.09	-643.25	5,101.17	5,096.43	0.12	-0.10	-0.08
10,890.00	90.77	89.93	5,430.20	-643.17	5,167.16	5,162.43	0.00	0.00	0.00
TD: Y= 676115.33 / X= 695311.46 - Projection to Bit: 10890.00' MD/ 5430.20' TVD - Final Station Closure Distance= 5207.1									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FINAL FTP/ 100' FWL - actual wellpath misses target center by 0.01usft at 5763.35usft MD (5363.59 TVD, -667.15 N, 43.99 E) - Point	0.00	0.00	5,363.60	-667.15	44.00	676,091.34	690,188.30	32.8576590	-103.8485869
FINAL Bit Proj/ 56' FM - actual wellpath hits target center - Point	0.00	0.00	5,430.20	-643.17	5,167.16	676,115.33	695,311.46	32.8576592	-103.8319030
FINAL LTP/ 100' FWL - actual wellpath misses target center by 21.93usft at 10824.00usft MD (5431.09 TVD, -643.25 N, 5101.17 E) - Point	0.00	0.00	5,430.79	-643.22	5,123.10	676,115.27	695,267.40	32.8576596	-103.8320465

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,890.00	5,430.20	-643.17	5,167.16	TD: Y= 676115.33 / X= 695311.46
10,890.00	5,430.20	-643.17	5,167.16	Projection to Bit: 10890.00' MD/ 5430.20' TVD
10,890.00	5,430.20	-643.17	5,167.16	Final Station Closure Distance= 5207.04 /Direction= 97.1
10,890.00	5,430.20	-643.17	5,167.16	TD: Latitude= 32.8576592 / Longitude= -103.8319030

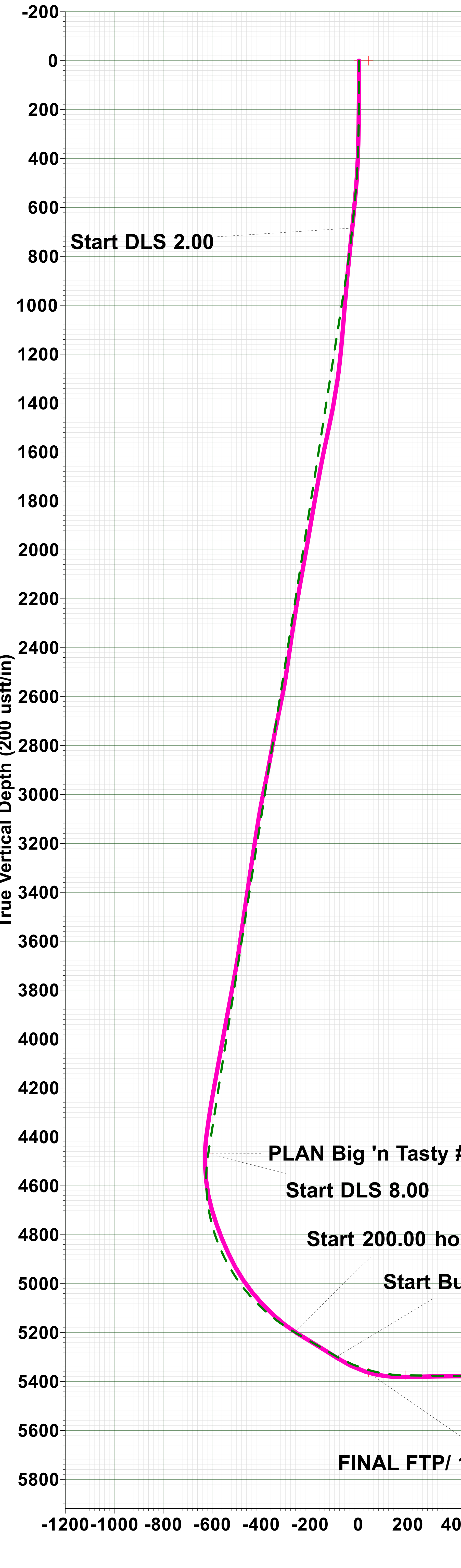
Checked By: _____ Approved By: _____ Date: _____



I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **03/19/21** thru **03/27/21** conduct or supervise the taking of a **MWD Survey** from a depth of **119'** to a depth of **10890'**; 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 10H** API No. **30-015-47690** 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

Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: Big 'n Tasty
Well: #10H
Wellbore: Wellbore #1
Rig:
Design: Plan #3 / 7:32, March 31 2021



WELL DETAILS: #10H

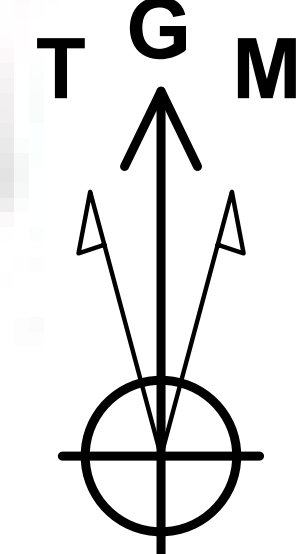
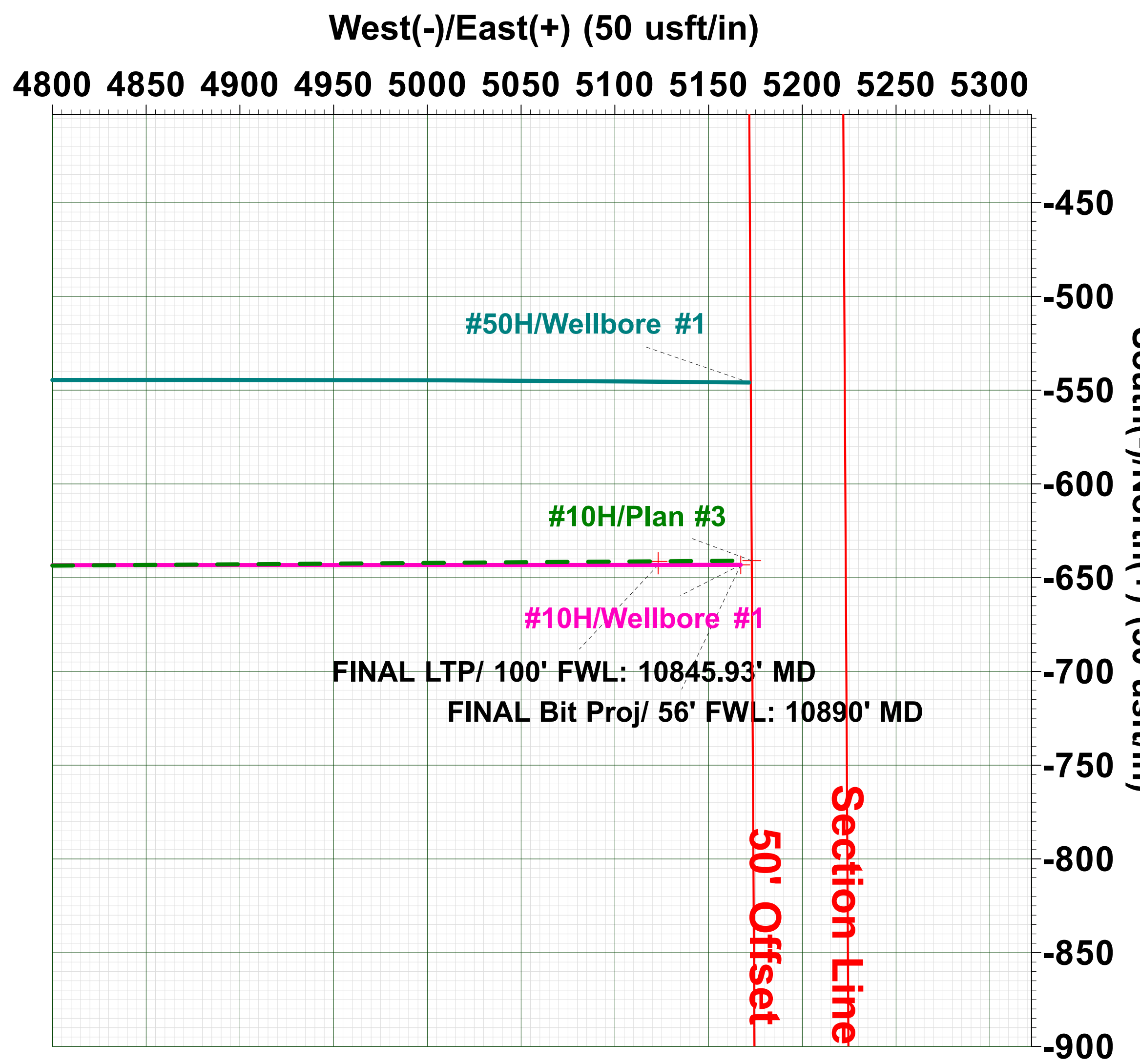
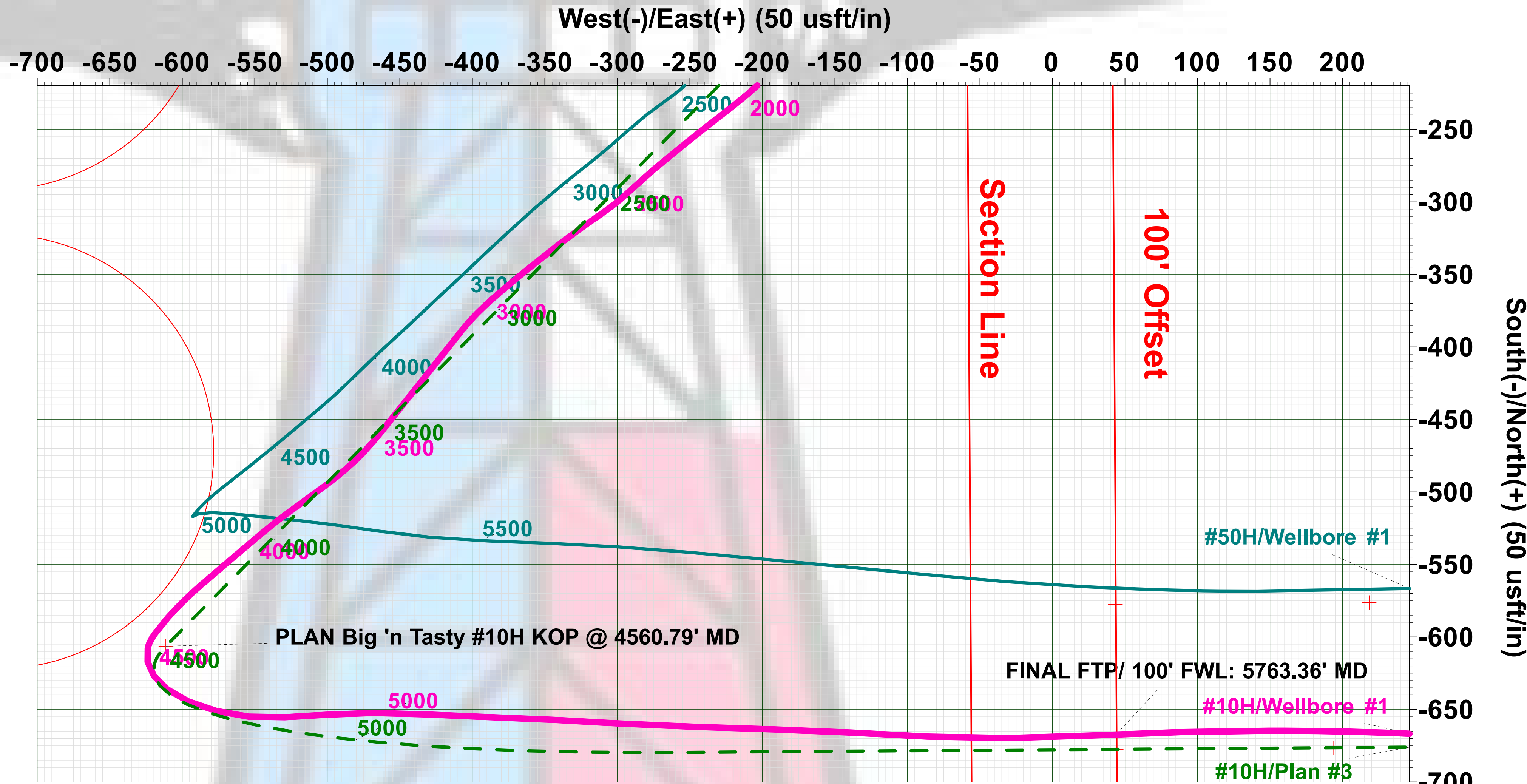
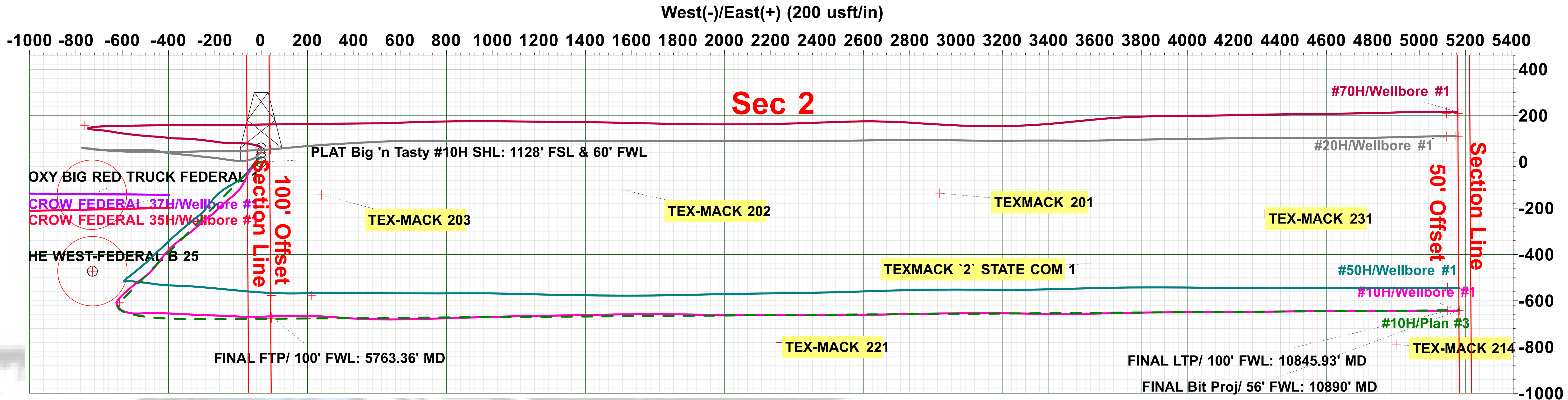
RKB = 20' @ 3987.00usft 3967.00					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	676758.50	690144.30	32.8594933	-103.8487202

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	Vsect
1	686.00	7.69	230.85	684.52	-16.64	-27.22	0.00	-27.34
2	933.57	12.53	224.60	928.18	-46.23	-58.94	2.00	-59.27
3	4560.79	12.53	224.60	4469.06	-606.32	-611.34	0.00	-615.66
4	5425.67	60.00	89.59	5198.28	-679.55	-258.78	8.00	-263.63
5	5625.67	60.00	89.59	5298.28	-678.32	-85.58	0.00	-90.43
6	5918.76	89.31	89.59	5375.00	-676.33	193.99	10.00	189.15
7	10845.36	89.31	89.59	5434.40	-641.26	5123.10	0.00	5118.38
8	10898.26	89.31	89.59	5435.00	-640.90	5173.00	0.00	5168.28

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
FINAL Bit Proj/ 56' FWL: 10890' MD	5430.20	-643.17	5167.16	676115.33	695311.46	32.8576592	-103.8319030
FINAL FTP/ 100' FWL: 5763.36' MD	5363.60	-667.15	44.00	676091.35	690188.30	32.8576590	-103.8485869
FINAL LTP/ 100' FWL: 10845.93' MD	5430.79	-643.22	5123.10	676115.28	695267.40	32.8576596	-103.8320465
PLAN Big 'n Tasty #10H KOP @ 4560.79' MD	4469.06	-606.32	-611.34	676152.18	689532.96	32.8578345	-103.8507201
PLAN Big 'n Tasty #10H LP	5375.00	-676.33	193.99	676082.17	690338.29	32.8576319	-103.8480986
PLAT Big 'n Tasty #10H FTP: 100' FWL	0.00	-677.40	44.00	676081.10	690188.30	32.8576309	-103.8485870
PLAT Big 'n Tasty #10H LTP: 100' FEL	5434.40	-641.30	5123.10	676117.20	695267.40	32.8576649	-103.8320465
PLAT Big 'n Tasty #10H PBHL: 450' FSL & 50' FEL	5435.00	-640.90	5173.00	676117.60	695317.30	32.8576653	-103.8318840
PLAT Big 'n Tasty #10H SHL: 1128' FSL & 60' FWL	0.00	0.00	0.00	676758.50	690144.30	32.8594933	-103.8487202



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

Magnetic Field
Strength: 47899.0snT
Dip Angle: 60.46°
Date: 11/09/2020
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: 60.456°
Magnetic Field Strength: 47899.04454965nT

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 #3 (#10H/Wellbore #1)

Created By: Matthew May Date: 7:32, March 31 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 29556

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 29556
	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
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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 29556

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 29556
	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