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Phone: (575) 393-6161 Fax: (575) 393-0720
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811 S. First St., Artesia, NM 88210
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District III
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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

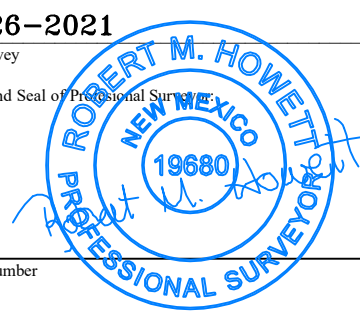
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47695		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 70H	
⁷ OGRID NO. 328947		⁸ Operator Name SPUR ENEGY PARTNERS LLC						⁹ Elevation 3969'	
¹⁰ Surface Location									
UL or lot no. M	Section 2	Township 17S	Range 31E	Lot Idn	Feet from the 1188	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 1307	North/South line SOUTH	Feet from the 54	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 GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION (SL) N: 676818.5 - E: 690143.9 LAT: 32.8596583° N LONG: 103.8487205° W FIRST TAKE POINT (FTP) 1290' FSL & 105' FWL N: 676920.5 - E: 690188.6 LAT: 32.8599381° N LONG: 103.8485734° W MD: 6414.0 - TVD: 5913.5 LAST TAKE POINT (LTP) 1308' FSL & 108' FEL N: 676975.0 - E: 695254.5 LAT: 32.8600227° N LONG: 103.8320751° W MD: 11451.0 - TVD: 5981.3				BOTTOM HOLE (BH) N: 676974.2 - E: 695308.6 LAT: 32.8600198° N LONG: 103.8318989° W MD: 11540.0 - TVD: 5979.0 CORNER DATA 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>05/18/2021</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. 02-26-2021 Date of Survey Signature and Seal of Professional Surveyor:  19680 Certificate Number											

Job No: LS20100612-COMPLETED



Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

Big 'n Tasty

#70H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

26 February, 2021





Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #70H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3989.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3989.00usft
Well:	#70H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Project	Eddy County, NM (NAD 83 - NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	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	#70H		
Well Position	+N/-S	0.00 usft	Northing: 676,818.50 usft
	+E/-W	0.00 usft	Easting: 690,143.90 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32.8596582
		Longitude:	-103.8487206
		Ground Level:	3,969.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	11/9/2020	6.794	60.456	47,899.12705591

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	2/26/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
12.00	11,540.00	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 #70H SHL: 1188' FSL & 60' FWL									
12.00	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00
119.00	0.22	332.63	119.00	0.18	-0.09	-0.09	0.21	0.21	0.00
179.00	0.62	51.02	179.00	0.49	0.10	0.11	1.02	0.67	130.65
263.00	0.40	31.07	263.00	1.03	0.61	0.62	0.33	-0.26	-23.75
360.00	1.01	328.41	359.99	2.04	0.34	0.35	0.93	0.63	-64.60
454.00	3.12	304.41	453.92	4.20	-2.21	-2.18	2.38	2.24	-25.53
549.00	6.02	293.25	548.61	7.62	-8.92	-8.87	3.18	3.05	-11.75
643.00	8.40	283.76	641.87	11.20	-20.12	-20.04	2.82	2.53	-10.10
684.00	9.41	283.41	682.37	12.69	-26.29	-26.20	2.47	2.46	-0.85



Survey Report



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Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3989.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3989.00usft
Well:	#70H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
765.00	10.46	285.76	762.16	16.23	-39.81	-39.69	1.39	1.30	2.90
886.00	9.54	273.19	881.33	19.77	-60.39	-60.25	1.95	-0.76	-10.39
1,006.00	10.15	271.26	999.56	20.55	-80.89	-80.74	0.58	0.51	-1.61
1,129.00	8.26	270.64	1,120.97	20.89	-100.56	-100.41	1.54	-1.54	-0.50
1,248.00	8.48	270.73	1,238.71	21.10	-117.88	-117.73	0.19	0.18	0.08
1,368.00	8.31	272.05	1,357.42	21.52	-135.40	-135.24	0.21	-0.14	1.10
1,494.00	7.74	273.54	1,482.19	22.37	-152.97	-152.80	0.48	-0.45	1.18
1,620.00	7.69	275.56	1,607.05	23.71	-169.83	-169.65	0.22	-0.04	1.60
1,746.00	6.90	278.29	1,732.03	25.62	-185.71	-185.52	0.68	-0.63	2.17
1,833.00	7.30	277.23	1,818.36	27.07	-196.36	-196.16	0.48	0.46	-1.22
1,969.00	7.62	278.12	1,953.21	29.43	-213.86	-213.64	0.25	0.24	0.65
2,095.00	9.72	277.06	2,077.76	31.92	-232.69	-232.45	1.67	1.67	-0.84
2,221.00	11.72	276.54	2,201.56	34.68	-255.96	-255.70	1.59	1.59	-0.41
2,347.00	11.00	275.24	2,325.09	37.24	-280.64	-280.37	0.61	-0.57	-1.03
2,473.00	10.17	274.44	2,448.94	39.20	-303.71	-303.42	0.67	-0.66	-0.63
2,599.00	9.26	272.34	2,573.13	40.47	-324.93	-324.63	0.77	-0.72	-1.67
2,725.00	9.72	271.24	2,697.41	41.12	-345.69	-345.39	0.39	0.37	-0.87
2,851.00	10.12	269.85	2,821.52	41.32	-367.39	-367.09	0.37	0.32	-1.10
2,978.00	9.80	277.38	2,946.62	42.68	-389.27	-388.96	1.06	-0.25	5.93
3,104.00	10.23	276.18	3,070.70	45.26	-411.03	-410.69	0.38	0.34	-0.95
3,230.00	8.93	275.36	3,194.94	47.38	-431.89	-431.54	1.04	-1.03	-0.65
3,357.00	9.60	274.47	3,320.28	49.12	-452.26	-451.90	0.54	0.53	-0.70
3,483.00	10.77	272.14	3,444.29	50.38	-474.50	-474.13	0.98	0.93	-1.85
3,610.00	10.76	275.89	3,569.06	52.04	-498.15	-497.77	0.55	-0.01	2.95
3,736.00	10.16	275.37	3,692.96	54.29	-520.92	-520.51	0.48	-0.48	-0.41
3,862.00	10.83	276.23	3,816.85	56.61	-543.75	-543.33	0.55	0.53	0.68
3,981.00	11.02	277.03	3,933.70	59.22	-566.15	-565.71	0.20	0.16	0.67
4,100.00	10.44	276.87	4,050.62	61.90	-588.14	-587.68	0.49	-0.49	-0.13
4,221.00	10.20	277.75	4,169.66	64.66	-609.64	-609.16	0.24	-0.20	0.73
4,342.00	9.24	281.46	4,288.92	68.03	-629.78	-629.28	0.95	-0.79	3.07
4,464.00	8.33	277.97	4,409.49	71.20	-648.13	-647.61	0.86	-0.75	-2.86
4,583.00	10.04	279.20	4,526.96	74.06	-666.91	-666.36	1.45	1.44	1.03
4,704.00	9.89	275.07	4,646.14	76.66	-687.67	-687.11	0.60	-0.12	-3.41
4,824.00	8.94	273.25	4,764.52	78.10	-707.25	-706.67	0.83	-0.79	-1.52
4,947.00	7.86	278.59	4,886.20	79.90	-725.11	-724.52	1.08	-0.88	4.34
5,066.00	6.44	281.02	5,004.27	82.39	-739.70	-739.09	1.22	-1.19	2.04
5,066.89	6.41	281.01	5,005.16	82.41	-739.80	-739.19	3.23	-3.22	-1.48
Big 'n Tasty #70H: KOP @ 5067.45' MD									
5,125.00	4.54	279.79	5,063.00	83.42	-745.25	-744.64	3.23	-3.22	-2.09
5,186.00	1.59	301.47	5,123.91	84.27	-748.35	-747.73	5.11	-4.84	35.54
5,246.00	2.68	61.56	5,183.88	85.37	-747.83	-747.20	6.23	1.82	200.15
5,309.00	8.15	76.59	5,246.58	87.11	-742.19	-741.54	8.90	8.68	23.86
5,370.00	13.56	80.47	5,306.47	89.30	-730.92	-730.26	8.94	8.87	6.36



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #70H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3989.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3989.00usft
Well:	#70H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,433.00	19.19	83.50	5,366.89	91.70	-713.33	-712.66	9.04	8.94	4.81
5,496.00	24.73	87.87	5,425.30	93.36	-689.86	-689.17	9.16	8.79	6.94
5,559.00	30.20	88.85	5,481.18	94.17	-660.82	-660.13	8.71	8.68	1.56
5,622.00	34.97	88.77	5,534.25	94.88	-626.91	-626.22	7.57	7.57	-0.13
5,685.00	40.42	88.34	5,584.08	95.86	-588.42	-587.72	8.66	8.65	-0.68
5,749.00	46.35	89.14	5,630.57	96.80	-544.49	-543.78	9.31	9.27	1.25
5,812.00	51.48	89.19	5,671.96	97.50	-497.02	-496.31	8.14	8.14	0.08
5,875.00	57.19	89.48	5,708.67	98.08	-445.86	-445.15	9.07	9.06	0.46
5,938.00	60.52	89.14	5,741.25	98.74	-391.96	-391.24	5.31	5.29	-0.54
6,001.00	61.71	88.82	5,771.69	99.72	-336.80	-336.08	1.94	1.89	-0.51
6,064.00	59.18	89.43	5,802.76	100.56	-282.01	-281.29	4.10	-4.02	0.97
6,127.00	59.34	89.83	5,834.96	100.91	-227.87	-227.14	0.60	0.25	0.63
6,190.00	64.99	91.10	5,864.37	100.44	-172.18	-171.46	9.14	8.97	2.02
6,252.00	72.19	90.25	5,886.98	99.77	-114.50	-113.79	11.68	11.61	-1.37
6,315.00	78.86	88.46	5,902.72	100.47	-53.54	-52.82	10.94	10.59	-2.84
6,378.00	85.38	89.37	5,911.36	101.65	8.82	9.54	10.45	10.35	1.44
6,408.64	87.13	89.35	5,913.36	101.99	39.39	40.12	5.71	5.71	-0.06
FINAL #70H FTP/ 100' FEL @ 6408.64' MD									
6,408.90	87.15	89.35	5,913.37	101.99	39.64	40.37	5.71	5.71	-0.06
Big 'n Tasty #70H FTP: 100' FWL									
6,441.00	88.98	89.33	5,914.46	102.36	71.73	72.46	5.71	5.71	-0.06
6,504.00	91.08	89.18	5,914.42	103.18	134.72	135.45	3.34	3.33	-0.24
6,630.00	89.15	89.48	5,914.17	104.66	260.70	261.44	1.55	-1.53	0.24
6,754.00	87.44	89.57	5,917.86	105.68	384.64	385.38	1.38	-1.38	0.07
6,880.00	89.06	89.29	5,921.71	106.94	510.57	511.32	1.30	1.29	-0.22
6,978.00	89.26	87.44	5,923.14	109.73	608.51	609.28	1.90	0.20	-1.89
7,098.00	88.95	88.96	5,925.02	113.50	728.44	729.23	1.29	-0.26	1.27
7,225.00	90.01	89.02	5,926.17	115.74	855.41	856.22	0.84	0.83	0.05
7,351.00	88.92	90.56	5,927.35	116.20	981.40	982.20	1.50	-0.87	1.22
7,477.00	88.44	90.85	5,930.25	114.65	1,107.35	1,108.15	0.45	-0.38	0.23
7,602.00	89.96	90.31	5,931.99	113.39	1,232.33	1,233.11	1.29	1.22	-0.43
7,728.00	90.83	90.45	5,931.13	112.55	1,358.32	1,359.09	0.70	0.69	0.11
7,854.00	89.76	91.30	5,930.48	110.63	1,484.30	1,485.06	1.08	-0.85	0.67
7,980.00	88.81	91.11	5,932.05	107.98	1,610.27	1,611.00	0.77	-0.75	-0.15
8,105.00	87.27	91.32	5,936.32	105.33	1,735.16	1,735.87	1.24	-1.23	0.17
8,230.00	86.48	90.85	5,943.14	102.97	1,859.95	1,860.64	0.74	-0.63	-0.38
8,356.00	85.50	89.99	5,951.95	102.04	1,985.64	1,986.32	1.03	-0.78	-0.68
8,505.00	86.99	89.51	5,961.71	102.69	2,134.31	2,134.99	1.05	1.00	-0.32
8,630.00	87.69	88.36	5,967.51	105.01	2,259.15	2,259.84	1.08	0.56	-0.92
8,756.00	89.15	88.05	5,970.98	108.96	2,385.04	2,385.76	1.18	1.16	-0.25
8,882.00	91.08	88.20	5,970.73	113.08	2,510.96	2,511.71	1.54	1.53	0.12
9,008.00	93.21	89.63	5,966.01	115.47	2,636.84	2,637.60	2.04	1.69	1.13
9,134.00	92.14	93.48	5,960.13	112.05	2,762.63	2,763.36	3.17	-0.85	3.06
9,260.00	89.34	93.90	5,958.50	103.94	2,888.35	2,889.02	2.25	-2.22	0.33



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #70H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3989.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3989.00usft
Well:	#70H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
9,387.00	87.72	92.23	5,961.76	97.15	3,015.12	3,015.74	1.83	-1.28	-1.31	
9,513.00	85.95	90.27	5,968.72	94.41	3,140.88	3,141.48	2.09	-1.40	-1.56	
9,639.00	87.07	88.09	5,976.39	96.21	3,266.63	3,267.23	1.94	0.89	-1.73	
9,764.00	89.47	85.32	5,980.17	103.39	3,391.34	3,392.00	2.93	1.92	-2.22	
9,890.00	91.67	84.03	5,978.91	115.08	3,516.78	3,517.52	2.02	1.75	-1.02	
10,016.00	92.96	85.16	5,973.82	126.94	3,642.11	3,642.93	1.36	1.02	0.90	
10,142.00	93.63	87.76	5,966.58	134.71	3,767.65	3,768.52	2.13	0.53	2.06	
10,268.00	91.97	88.86	5,960.42	138.42	3,893.44	3,894.33	1.58	-1.32	0.87	
10,394.00	87.74	90.23	5,960.74	139.42	4,019.41	4,020.30	3.53	-3.36	1.09	
10,520.00	88.00	88.52	5,965.43	140.79	4,145.31	4,146.21	1.37	0.21	-1.36	
10,646.00	90.60	88.89	5,966.97	143.64	4,271.26	4,272.17	2.08	2.06	0.29	
10,772.00	90.74	89.44	5,965.49	145.48	4,397.23	4,398.16	0.45	0.11	0.44	
10,898.00	89.65	89.60	5,965.06	146.53	4,523.23	4,524.16	0.87	-0.87	0.13	
11,023.00	87.77	88.81	5,967.88	148.27	4,648.18	4,649.12	1.63	-1.50	-0.63	
11,149.00	86.96	89.03	5,973.67	150.64	4,774.02	4,774.97	0.67	-0.64	0.17	
11,275.00	88.08	88.17	5,979.12	153.71	4,899.86	4,900.83	1.12	0.89	-0.68	
11,401.00	89.48	89.02	5,981.80	156.80	5,025.79	5,026.78	1.30	1.11	0.67	
11,459.00	91.61	90.84	5,981.25	156.87	5,083.78	5,084.77	4.83	3.67	3.14	
FINAL #70H LTP/ 100' FWL @11493.94' MD - Big 'n Tasty #70H LTP: 100' FEL										
11,540.00	91.61	90.84	5,978.98	155.69	5,164.74	5,165.72	0.00	0.00	0.00	
TD: Y= 676974.19 / X= 695308.64 - Final Station Closure Distance= 5167.09 /Direction= 88.27 - Projection to Bit: 11540.0										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
FINAL #70H FTP/ 10C - hit/miss target - Shape	0.00	0.00	5,913.36	101.99	39.39	676,920.49	690,183.29	32.8599380	-103.8485908	
- actual wellpath hits target center - Point										
FINAL #70H Bit Proj (C - actual wellpath hits target center - Point	0.00	0.00	5,978.98	155.69	5,164.74	676,974.18	695,308.64	32.8600198	-103.8318989	
- actual wellpath hits target center - Point										
FINAL #70H LTP/ 100 - actual wellpath misses target center by 34.94usft at 11459.00usft MD (5981.25 TVD, 156.87 N, 5083.78 E) - Point	0.00	0.00	5,980.27	156.36	5,118.70	676,974.86	695,262.60	32.8600223	-103.8320488	



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #70H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3989.00usft
Site:	Big 'n Tasty	MD Reference:	RKB = 20' @ 3989.00usft
Well:	#70H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,540.00	5,978.98	155.69	5,164.74	TD: Y= 676974.19 / X= 695308.64
11,540.00	5,978.98	155.69	5,164.74	Final Station Closure Distance= 5167.09 /Direction= 88.27
11,540.00	5,978.98	155.69	5,164.74	Projection to Bit: 11540.00' MD/ 5978.98' TVD
11,540.00	5,978.98	155.69	5,164.74	TD: Latitude= 32.8600198 / Longitude= -103.8318989

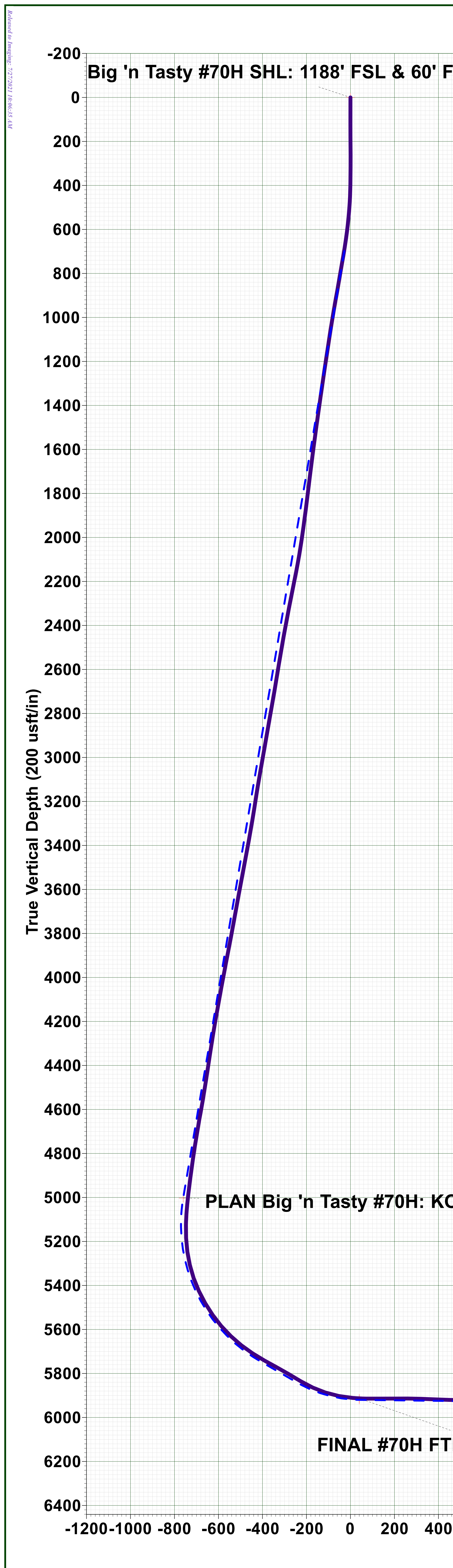
Checked By: _____ Approved By: _____ Date: _____



I **Larry Wright** certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **02/11/21** thru **02/25/21** conduct or supervise the taking of a **MWD Survey** from a depth of **119'** to a depth of **11540'**; 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 70H** API No. **30-015-47695** 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: #70H
Wellbore: Wellbore #1
Rig:
Design: Plan #3 / 10:57, February 26 2021

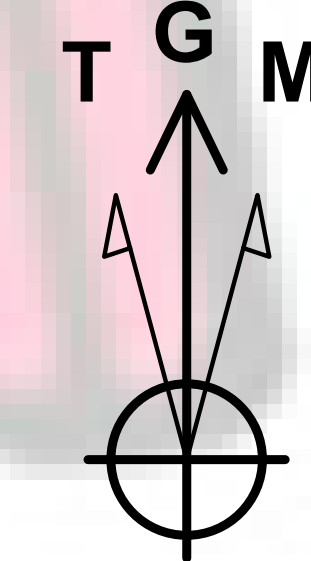
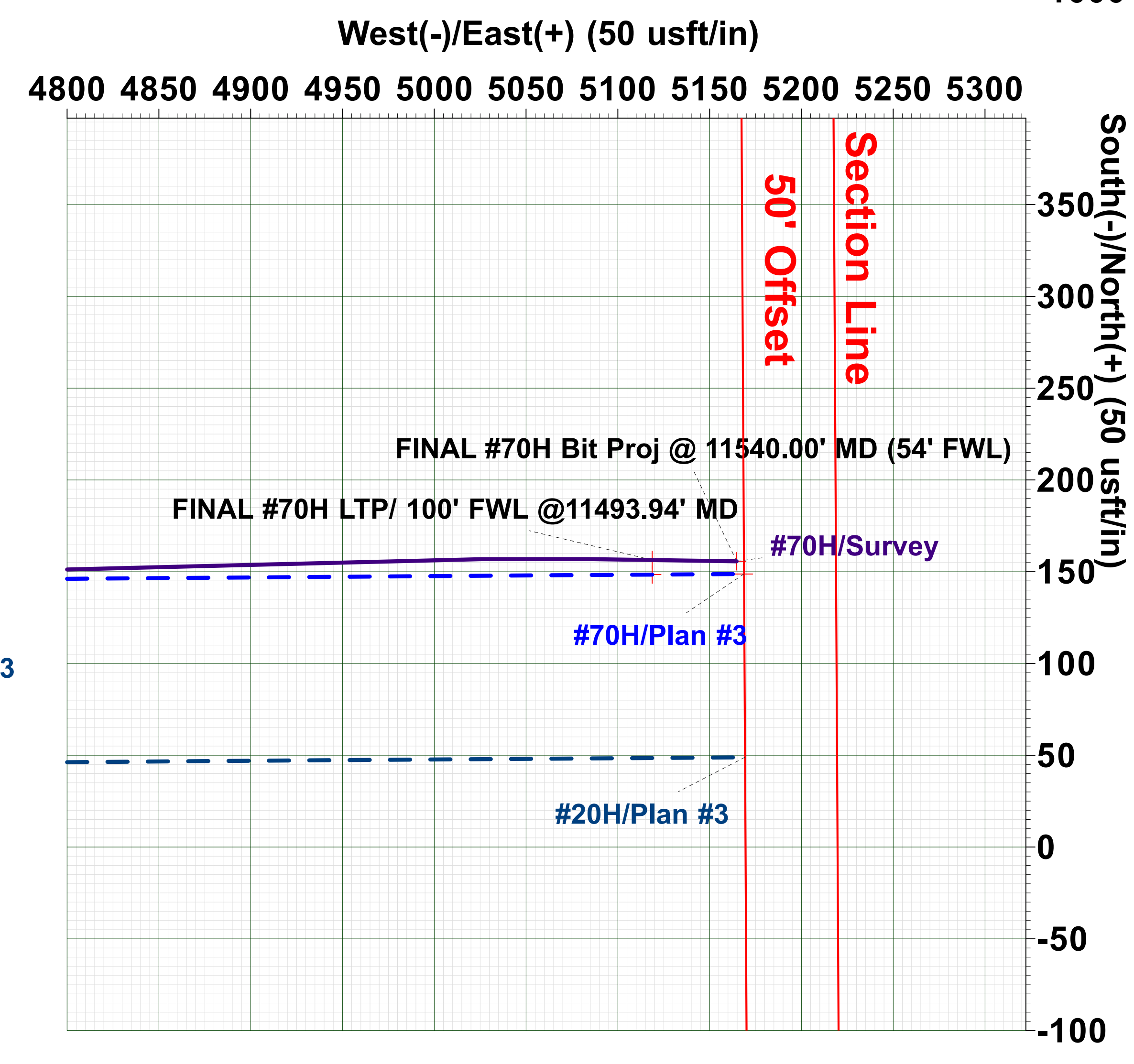
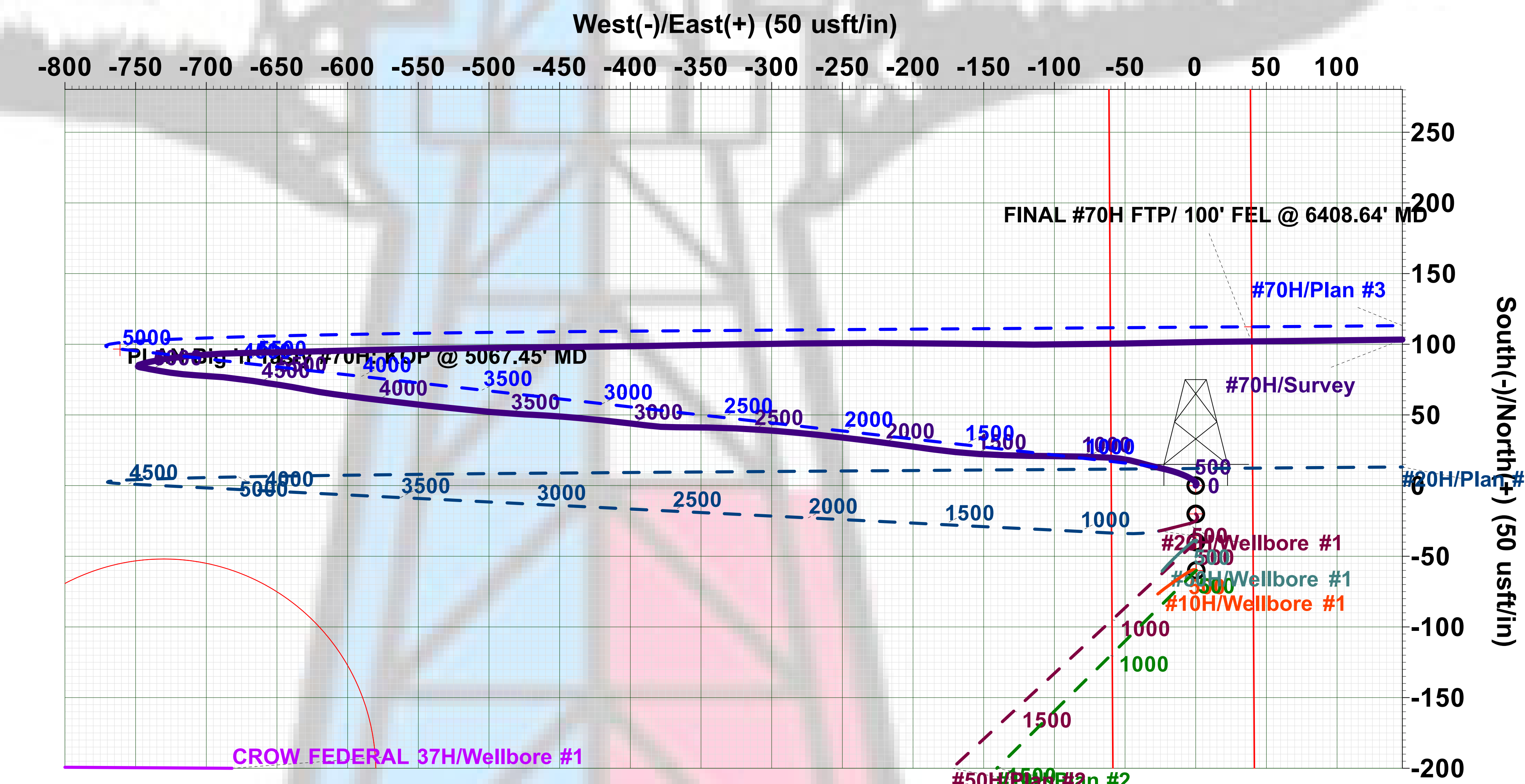
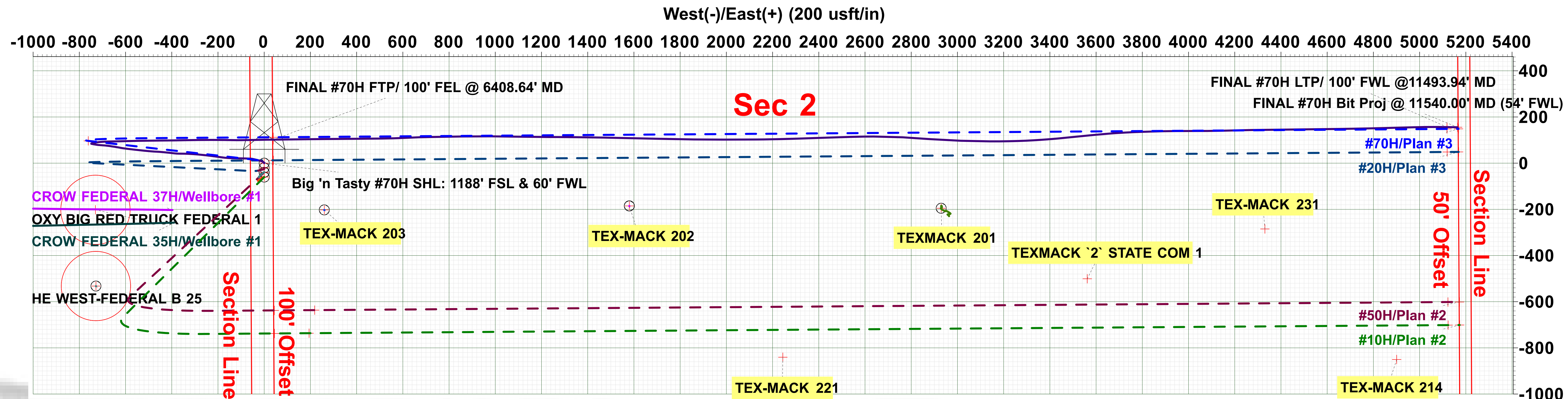


WELL DETAILS: #70H					
RKB = 20' @ 3989.00usft					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	676818.50	690143.90	32.8596582	-103.8487206

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	Vsect	
1	690.00	9.41	283.41	688.37	12.69	-26.29	0.00	-26.20	
2	749.79	9.73	276.47	747.33	14.40	-36.06	2.00	-35.96	
3	5067.45	9.73	276.47	5002.90	96.63	-761.02	0.00	-760.31	
4	5938.26	60.00	89.59	5743.28	109.19	-413.11	8.00	-412.32	
5	6138.26	60.00	89.59	5843.28	110.42	-239.91	0.00	-239.12	
6	6431.00	89.27	89.59	5920.00	112.40	39.30	10.00	40.10	
7	11510.93	89.27	89.59	5984.37	148.45	5118.70	0.00	5119.63	
8	11560.94	89.27	89.59	5985.00	148.80	5168.70	0.00	5169.63	

DESIGN TARGET DETAILS									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude		
Big 'n Tasty #70H SHL: 1188' FSL & 60' FWL	0.00	0.00	0.00	676818.50	690143.90	32.8596582	-103.8487206		
PLAN Big 'n Tasty #70H: KOP @ 5067.45' MD	5002.90	96.63	-761.02	676915.13	689382.88	32.8599334	-103.8511975		
FINAL #70H FTP/ 100' FEL @ 6408.64' MD	5913.36	101.99	39.39	676920.49	690183.29	32.8599380	-103.8485908		
PLAN Big 'n Tasty #70H FTP: 100' FWL	5920.00	112.40	39.30	676930.90	690183.20	32.8599666	-103.8485909		
FINAL #70H Bit Proj @ 11540.00' MD (54' FWL)	5978.98	155.69	5164.74	676974.19	695308.64	32.8600198	-103.8318989		
FINAL #70H LTP/ 100' FWL @11493.94' MD	5980.27	156.36	5118.70	676974.86	695262.60	32.8600223	-103.8320488		
PLAN Big 'n Tasty #70H LTP: 100' FEL	5984.37	148.50	5118.70	676967.00	695262.60	32.8600007	-103.8320490		
PLAN Big 'n Tasty #70H PBHL: 1300' FSL & 50' FEL	5985.00	148.80	5168.70	676967.30	695312.60	32.8600008	-103.8318861		

TD: Y= 676974.19 / X= 695308.64
Final Station Closure Distance= 5167.09 /Direction= 88.27
Projection to Bit: 11540.00' MD/ 5978.98' TVD
TD: Latitude= 32.8600198 / Longitude= -103.8318989



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

Magnetic Field
Strength: 47899.1snT
Dip Angle: 60.46°
Date: 11/9/2020
Model: IGRF2020

PROJECT DETAILS: Eddy County, NM (NAD 83 - NME)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

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

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: 47899.12705591nT



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 29565

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 29565
	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
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Phone:(575) 393-6161 Fax:(575) 393-0720
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 29565

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 29565
	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