

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 NW 04/22/2022
⁴ API Number 30 - 0 15-49019	⁵ Pool Name RED LAKE; GLORIETA-YESO, NORTHEAST	⁶ Pool Code 96836
⁷ Property Code 331679	⁸ Property Name WAUKEE 36 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
3	31	17S	28E		2220	SOUTH	735	WEST	EDDY

¹¹ Bottom Hole Location FTP: 1818' FSL 108' FEL LTP: 1849' FSL 110' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	36	17S	27E		1849	SOUTH	38	WEST	EDDY
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 02/21/2022	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, SUITE 700, TULSA, OK 74135	G
33479	HOLLYFRONTIER MARKETING & REFINING 2828 N. HARWOOD, SUITE 1300, DALLAS, TX 75201	O

IV. Well Completion Data

²¹ Spud Date 11/19/2021	²² Ready Date 02/08/2022	²³ TD 9880'M/3914'V	²⁴ PBTD 9880'M/3914'V	²⁵ Perforations 4709'-9808'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
12-1/4"		9-5/8" 36# J-55 BTC	1853'		635 SXS (CIRC TO SURFACE)
8-3/4"		7" 32# L-80 BK-HT	4441'		1545 SXS (CIRC TO SURFACE)
8-3/4"		5-1/2" 20# L-80 BK-HT	9880'		1545 SXS (CIRC TO SURFACE)
		3-1/2" J-55 TBG	4275'		

V. Well Test Data

³¹ Date New Oil 02/22/2022	³² Gas Delivery Date 02/21/2022	³³ Test Date 03/30/2022	³⁴ Test Length 24-HOUR	³⁵ Tbg. Pressure 170	³⁶ Csg. Pressure 155
³⁷ Choke Size N/A	³⁸ Oil 520	³⁹ Water 4471	⁴⁰ Gas 1028		⁴¹ Test Method PUMPING ON ESP
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>6/13/2025</i>		
Date: 04/22/2022		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 30-015-49019	² Pool Code 96836	³ Pool Name RED LAKE; GLORIETA-YESO, NORTHEAST
⁴ Property Code 331679	⁵ Property Name WAUKEE 36 STATE COM	⁶ Well Number 51H
⁷ OGRD NO. 328947	⁸ Operator Name SPUR ENERGY PARTNERS LLC.	⁹ Elevation 3676'

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	31	17S	28E		2220	SOUTH	735	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	36	17S	27E		1849	SOUTH	38	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 GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION (SL) N: 650934.0 - E: 575811.5 LAT: 32.7893993° N LONG: 104.2211508° W FIRST TAKE POINT (FTP) 1818' FSL & 108' FEL SEC. 36 N: 650518.6 - E: 574971.0 LAT: 32.7882598° N LONG: 104.2238873° W MD: 4709.0 - TVD: 4148.8 LAST TAKE POINT (LTP) 1849' FSL & 110' FWL SEC. 36 N: 650602.2 - E: 569880.5 LAT: 32.7885031° N LONG: 104.2404519° W MD: 9808.0 - TVD: 3911.9 BOTTOM HOLE (BH) N: 650603.0 - E: 569808.6 LAT: 32.7885054° N LONG: 104.2406861° W MD: 9880.0 - TVD: 3913.8 CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1941" N: 648755.1 - E: 569774.2 B: FOUND BRASS CAP "1941" N: 651389.1 - E: 569768.8 C: FOUND BRASS CAP "1941" N: 654022.0 - E: 569763.3 D: FOUND BRASS CAP "1941" N: 654002.1 - E: 572411.1 E: FOUND BRASS CAP "1941" N: 653983.5 - E: 575058.5 F: FOUND BRASS CAP "1941" N: 653999.6 - E: 577752.7 G: FOUND BRASS CAP "1941" N: 654017.3 - E: 580331.9 H: FOUND BRASS CAP "1941" N: 651411.9 - E: 580372.5 I: CALCULATED CORNER N: 648805.9 - E: 580413.8 J: FOUND BRASS CAP "1941" N: 648700.0 - E: 575089.7 K: FOUND BRASS CAP "1941" N: 651341.8 - E: 575074.4	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> <i>Sarah Chapman</i> 02/08/2022 Signature Date SARAH CHAPMAN Printed Name SCHAPMAN@SPURENERGY.COM E-mail Address 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> 01-22-2022 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number LS21050500AC
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I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **12/12/21** thru **12/15/21** conduct or supervise the taking of a **MWD Survey** from a depth of **1795'** to a depth of **9880'**; 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 **Waukee 36 State Com 51H** API No. **30-015-49019** 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)

WAUKEE 36 STATE COM_

51H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

15 December, 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' @ 3696.00usft (AKITA 57)
Site:	WAUKEE 36 STATE COM_	MD Reference:	RKB = 20' @ 3696.00usft (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		WAUKEE 36 STATE COM_			
Site Position:		Northing:	649,489.60 usft	Latitude:	32.7854290
From:	Map	Easting:	575,829.90 usft	Longitude:	-104.2210960
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.061 °

Well	51H					
Well Position	+N/-S	0.00 usft	Northing:	650,934.00 usft	Latitude:	32.7893992
	+E/-W	0.00 usft	Easting:	575,811.50 usft	Longitude:	-104.2211508
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,676.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	09/30/21	6.857	60.307	47,727.73672676

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	270.60	

Survey Program	Date	12/15/21			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
108.00	1,795.00	Survey #1 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM	
1,795.00	9,880.00	Survey #2 (Wellbore #1)	MWD+IFR1+SAG+FDIR	OWSG MWD + IFR1 + Sag + FDIR Correction	

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	
PLAT SHL 51H: 2220' FSL, 735' FWL										
108.00	0.48	66.51	108.00	0.18	0.41	-0.41	0.44	0.44	0.00	
196.00	0.70	26.61	195.99	0.81	0.99	-0.99	0.51	0.25	-45.34	
283.00	0.31	39.35	282.99	1.47	1.38	-1.37	0.46	-0.45	14.64	
377.00	0.48	130.76	376.99	1.40	1.84	-1.83	0.61	0.18	97.24	
472.00	1.89	170.92	471.97	-0.40	2.39	-2.39	1.64	1.48	42.27	
566.00	3.60	171.89	565.86	-4.85	3.05	-3.10	1.82	1.82	1.03	
661.00	3.78	170.84	660.66	-10.90	3.97	-4.08	0.20	0.19	-1.11	
755.00	5.32	165.21	754.36	-18.17	5.58	-5.77	1.70	1.64	-5.99	



Survey Report

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well 51H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3696.00usft (AKITA 57)
Site:	WAUKEE 36 STATE COM_	MD Reference:	RKB = 20' @ 3696.00usft (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)
850.00	6.81	160.90	848.83	-27.75	8.54	-8.83	1.64	1.57	-4.54
944.00	7.69	158.44	942.07	-38.87	12.68	-13.08	0.99	0.94	-2.62
1,039.00	7.60	155.72	1,036.23	-50.51	17.60	-18.12	0.39	-0.09	-2.86
1,133.00	8.62	152.38	1,129.29	-62.42	23.42	-24.07	1.19	1.09	-3.55
1,228.00	9.80	152.55	1,223.06	-75.90	30.45	-31.24	1.24	1.24	0.18
1,322.00	10.11	156.16	1,315.65	-90.54	37.47	-38.41	0.74	0.33	3.84
1,417.00	12.70	156.25	1,408.77	-107.73	45.05	-46.17	2.73	2.73	0.09
1,511.00	14.90	155.54	1,500.05	-128.19	54.21	-55.55	2.35	2.34	-0.76
1,606.00	16.31	154.40	1,591.54	-151.34	65.03	-66.62	1.52	1.48	-1.20
1,700.00	18.11	152.29	1,681.33	-176.18	77.53	-79.37	2.03	1.91	-2.24
1,795.00	19.52	150.36	1,771.25	-203.05	92.25	-94.37	1.62	1.48	-2.03
1,895.00	17.70	154.65	1,866.02	-231.31	107.02	-109.44	2.28	-1.82	4.29
1ST WBDS MWD: 1895.00' MD/ 1866.02' TVD									
2,021.00	13.44	161.21	1,987.38	-262.50	119.94	-122.69	3.65	-3.38	5.21
2,146.00	10.88	164.05	2,109.57	-287.60	127.87	-130.87	2.10	-2.05	2.27
2,271.00	6.52	164.39	2,233.10	-305.79	133.02	-136.22	3.49	-3.49	0.27
2,395.00	5.43	168.30	2,356.43	-318.31	136.11	-139.43	0.94	-0.88	3.15
2,520.00	5.21	167.82	2,480.89	-329.65	138.50	-141.95	0.18	-0.18	-0.38
2,646.00	4.84	196.25	2,606.42	-340.35	138.22	-141.78	1.98	-0.29	22.56
2,772.00	4.84	197.59	2,731.97	-350.52	135.13	-138.79	0.09	0.00	1.06
2,897.00	4.55	201.79	2,856.55	-360.15	131.69	-135.46	0.36	-0.23	3.36
3,050.00	4.60	201.54	3,009.07	-371.49	127.19	-131.07	0.04	0.03	-0.16
3,177.00	4.30	201.13	3,135.68	-380.67	123.60	-127.58	0.24	-0.24	-0.32
3,240.00	5.75	218.51	3,198.44	-385.34	120.79	-124.81	3.31	2.30	27.59
3,302.00	9.62	235.71	3,259.88	-390.69	114.57	-118.65	7.19	6.24	27.74
3,365.00	13.34	245.66	3,321.62	-396.66	103.59	-107.74	6.67	5.90	15.79
3,428.00	16.60	247.27	3,382.47	-403.13	88.67	-92.88	5.22	5.17	2.56
3,491.00	20.62	255.48	3,442.17	-409.40	69.62	-73.90	7.60	6.38	13.03
3,554.00	23.38	262.00	3,500.59	-413.92	46.49	-50.82	5.84	4.38	10.35
3,617.00	26.78	264.49	3,557.64	-417.02	19.98	-24.34	5.65	5.40	3.95
3,680.00	30.05	267.44	3,613.05	-419.09	-9.92	5.53	5.65	5.19	4.68
3,744.00	32.85	269.76	3,667.64	-419.88	-43.29	38.89	4.77	4.37	3.62
3,807.00	36.27	269.68	3,719.52	-420.05	-79.03	74.62	5.43	5.43	-0.13
3,870.00	40.49	270.25	3,768.89	-420.07	-118.13	113.73	6.72	6.70	0.90
3,933.00	44.72	271.07	3,815.25	-419.56	-160.76	156.36	6.77	6.71	1.30
3,994.00	48.16	271.43	3,857.28	-418.60	-204.95	200.56	5.66	5.64	0.59
4,057.00	51.47	271.63	3,897.93	-417.31	-253.06	248.67	5.26	5.25	0.32
4,120.00	54.60	271.17	3,935.81	-416.08	-303.37	299.00	5.00	4.97	-0.73
4,183.00	58.52	270.77	3,970.52	-415.20	-355.93	351.56	6.24	6.22	-0.63
START TANGENT: 4183.00' MD/ 3970.61' TVD									
4,214.00	59.47	270.20	3,986.49	-414.97	-382.50	378.13	3.45	3.06	-1.84
4,245.00	59.56	269.94	4,002.21	-414.94	-409.21	404.84	0.78	0.29	-0.84
4,277.00	59.34	269.78	4,018.48	-415.01	-436.77	432.40	0.81	-0.69	-0.50



Survey Report

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well 51H
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Site:	WAUKEE 36 STATE COM_	MD Reference:	RKB = 20' @ 3696.00usft (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)
4,308.00	59.36	269.70	4,034.28	-415.13	-463.44	459.06	0.23	0.06	-0.26
4,339.00	59.17	269.41	4,050.13	-415.34	-490.08	485.71	1.01	-0.61	-0.94
4,370.00	58.91	269.58	4,066.07	-415.57	-516.66	512.28	0.96	-0.84	0.55
END TANGENT: 4370.00' MD/ 4066.23' TVD									
4,433.00	64.79	270.11	4,095.78	-415.71	-572.19	567.80	9.36	9.33	0.84
4,496.00	71.98	271.58	4,118.98	-414.83	-630.71	626.33	11.62	11.41	2.33
4,559.00	78.01	270.48	4,135.28	-413.75	-691.52	687.15	9.72	9.57	-1.75
4,621.00	83.20	269.35	4,145.40	-413.84	-752.67	748.29	8.56	8.37	-1.82
4,684.00	89.24	268.48	4,149.55	-415.03	-815.49	811.10	9.69	9.59	-1.38
4,700.54	90.57	268.83	4,149.58	-415.42	-832.03	827.63	8.31	8.05	2.09
PLAT FTP #51H: 1830' FSL, 100' FEL									
4,703.51	90.81	268.89	4,149.54	-415.48	-835.00	830.60	8.31	8.05	2.09
FINAL FTP: 4703.51' MD/ 4149.54' TVD - FINAL FTP: 1817' FSL, 100' FEL									
4,747.00	94.31	269.80	4,147.60	-415.98	-878.43	874.03	8.32	8.05	2.10
4,873.00	92.74	272.74	4,139.85	-413.19	-1,004.14	999.76	2.64	-1.25	2.33
4,999.00	92.52	272.35	4,134.07	-407.60	-1,129.89	1,125.56	0.36	-0.17	-0.31
5,123.00	91.99	272.08	4,129.19	-402.81	-1,253.70	1,249.41	0.48	-0.43	-0.22
5,249.00	91.71	272.07	4,125.12	-398.25	-1,379.55	1,375.30	0.22	-0.22	-0.01
5,375.00	94.00	270.17	4,118.85	-395.79	-1,505.36	1,501.13	2.36	1.82	-1.51
5,500.00	93.73	269.99	4,110.42	-395.62	-1,630.07	1,625.84	0.26	-0.22	-0.14
5,627.00	93.11	269.54	4,102.84	-396.14	-1,756.84	1,752.60	0.60	-0.49	-0.35
5,753.00	92.69	269.20	4,096.47	-397.52	-1,882.67	1,878.41	0.43	-0.33	-0.27
5,877.00	94.06	271.39	4,089.17	-396.89	-2,006.45	2,002.18	2.08	1.10	1.77
6,003.00	93.92	271.10	4,080.40	-394.15	-2,132.11	2,127.87	0.26	-0.11	-0.23
6,126.00	93.50	270.64	4,072.44	-392.29	-2,254.84	2,250.61	0.51	-0.34	-0.37
6,246.00	92.66	269.78	4,065.99	-391.85	-2,374.66	2,370.43	1.00	-0.70	-0.72
6,366.00	93.89	271.14	4,059.14	-390.89	-2,494.46	2,490.23	1.53	1.02	1.13
6,486.00	93.73	271.22	4,051.16	-388.43	-2,614.17	2,609.96	0.15	-0.13	0.07
6,607.00	93.50	270.70	4,043.54	-386.40	-2,734.91	2,730.71	0.47	-0.19	-0.43
6,727.00	93.14	270.44	4,036.59	-385.21	-2,854.70	2,850.51	0.37	-0.30	-0.22
6,847.00	92.88	269.75	4,030.28	-385.01	-2,974.53	2,970.34	0.61	-0.22	-0.57
6,967.00	94.01	272.16	4,023.07	-383.02	-3,094.29	3,090.11	2.21	0.94	2.01
7,089.00	93.67	271.71	4,014.90	-378.91	-3,215.95	3,211.80	0.46	-0.28	-0.37
7,209.00	93.08	271.46	4,007.84	-375.59	-3,335.69	3,331.58	0.53	-0.49	-0.21
7,331.00	92.66	270.67	4,001.73	-373.33	-3,457.52	3,453.42	0.73	-0.34	-0.65
7,457.00	92.13	270.24	3,996.46	-372.33	-3,583.40	3,579.31	0.54	-0.42	-0.34
7,583.00	94.15	269.44	3,989.56	-372.68	-3,709.20	3,705.10	1.72	1.60	-0.63
7,710.00	93.36	268.81	3,981.25	-374.62	-3,835.92	3,831.78	0.79	-0.62	-0.50
7,836.00	93.75	271.05	3,973.43	-374.77	-3,961.66	3,957.52	1.80	0.31	1.78
7,963.00	93.11	270.98	3,965.83	-372.52	-4,088.42	4,084.29	0.51	-0.50	-0.06
8,088.00	92.35	270.69	3,959.88	-370.70	-4,213.26	4,209.15	0.65	-0.61	-0.23
8,213.00	91.93	270.58	3,955.21	-369.32	-4,338.16	4,334.06	0.35	-0.34	-0.09
8,338.00	94.43	270.68	3,948.28	-367.95	-4,462.95	4,458.86	2.00	2.00	0.08
8,464.00	94.32	270.33	3,938.67	-366.84	-4,588.58	4,584.49	0.29	-0.09	-0.28



Survey Report

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well 51H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3696.00usft (AKITA 57)
Site:	WAUKEE 36 STATE COM_	MD Reference:	RKB = 20' @ 3696.00usft (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)	
8,590.00	93.84	270.08	3,929.70	-366.39	-4,714.26	4,710.17	0.43	-0.38	-0.20	
8,716.00	93.70	269.50	3,921.42	-366.85	-4,839.99	4,835.88	0.47	-0.11	-0.46	
8,841.00	92.38	270.77	3,914.79	-366.56	-4,964.81	4,960.70	1.46	-1.06	1.02	
8,867.17	92.12	271.22	3,913.76	-366.10	-4,990.95	4,986.84	1.98	-1.00	1.71	
PLAN PT2 #51H										
8,967.00	91.12	272.92	3,910.94	-362.50	-5,090.67	5,086.60	1.98	-1.00	1.71	
9,094.00	90.78	272.94	3,908.83	-356.01	-5,217.49	5,213.47	0.27	-0.27	0.02	
9,221.00	90.39	272.68	3,907.54	-349.79	-5,344.33	5,340.37	0.37	-0.31	-0.20	
9,347.00	90.22	272.21	3,906.87	-344.41	-5,470.21	5,466.31	0.40	-0.13	-0.37	
9,473.00	89.86	271.91	3,906.78	-339.88	-5,596.13	5,592.26	0.37	-0.29	-0.24	
9,599.00	89.33	271.61	3,907.67	-336.01	-5,722.07	5,718.23	0.48	-0.42	-0.24	
9,725.00	88.76	271.10	3,909.77	-333.03	-5,848.01	5,844.21	0.61	-0.45	-0.40	
9,810.00	88.40	270.63	3,911.88	-331.75	-5,932.98	5,929.18	0.70	-0.42	-0.55	
9,818.09	88.40	270.63	3,912.10	-331.66	-5,941.06	5,937.26	0.00	0.00	0.00	
FINAL LTP: 9818.09' MD/ 3912.10' TVD - PLAT LTP #51H: 1830' FSL, 100' FWL - FINAL LTP: 1848' FSL, 100' FWL										
9,868.16	88.40	270.63	3,913.50	-331.11	-5,991.12	5,987.32	0.00	0.00	0.00	
PLAT BHL #51H: 1830' FSL, 50' FWL										
9,880.00	88.40	270.63	3,913.83	-330.98	-6,002.95	5,999.15	0.00	0.00	0.00	
Projection to Bit: 9880.00' MD/ 3913.83' TVD - Final Station Closure Distance= 6012.06 /Direction= 266.84 - TD: Latitude= 32.7885054 / Lon										

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 LTP: 1848' FSL, 1 - actual wellpath hits target center - Point	0.00	0.00	3,912.10	-331.66	-5,941.06	650,602.34	569,870.44	32.7885034	-104.2404847	
FINAL BIT PROJECTION - actual wellpath hits target center - Point	0.00	0.00	3,913.83	-330.98	-6,002.95	650,603.02	569,808.56	32.7885054	-104.2406861	
FINAL FTP: 1817' FSL, 1 - actual wellpath hits target center - Point	0.00	0.00	4,149.54	-415.48	-835.00	650,518.52	574,976.50	32.7882596	-104.2238694	



Survey Report

Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well 51H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3696.00usft (AKITA 57)
Site:	WAUKEE 36 STATE COM_	MD Reference:	RKB = 20' @ 3696.00usft (AKITA 57)
Well:	51H	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)	
1,895.00	1,866.02	-231.31	107.02	1ST WBDS MWD: 1895.00' MD/ 1866.02' TVD
4,183.00	3,970.52	-415.20	-355.93	START TANGENT: 4183.00' MD/ 3970.61' TVD
4,370.00	4,066.07	-415.57	-516.66	END TANGENT: 4370.00' MD/ 4066.23' TVD
4,703.51	4,149.54	-415.48	-835.00	FINAL FTP: 4703.51' MD/ 4149.54' TVD
9,818.09	3,912.10	-331.66	-5,941.06	FINAL LTP: 9818.09' MD/ 3912.10' TVD
9,880.00	3,913.83	-330.98	-6,002.95	Projection to Bit: 9880.00' MD/ 3913.83' TVD
9,880.00	3,913.83	-330.98	-6,002.95	Final Station Closure Distance= 6012.06 /Direction= 266.84
9,880.00	3,913.83	-330.98	-6,002.95	TD: Latitude= 32.7885054 / Longitude= -104.2406861
9,880.00	3,913.83	-330.98	-6,002.95	TD: Y= 650603.02 / X= 569808.55

Checked By: _____ Approved By: _____ Date: _____



Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: WAUKEE 36 STATE COM_
Well: 51H
Wellbore: Wellbore #1
Rig: AKITA 57
Design: PLAN #2 / 11:19, December 15 2021



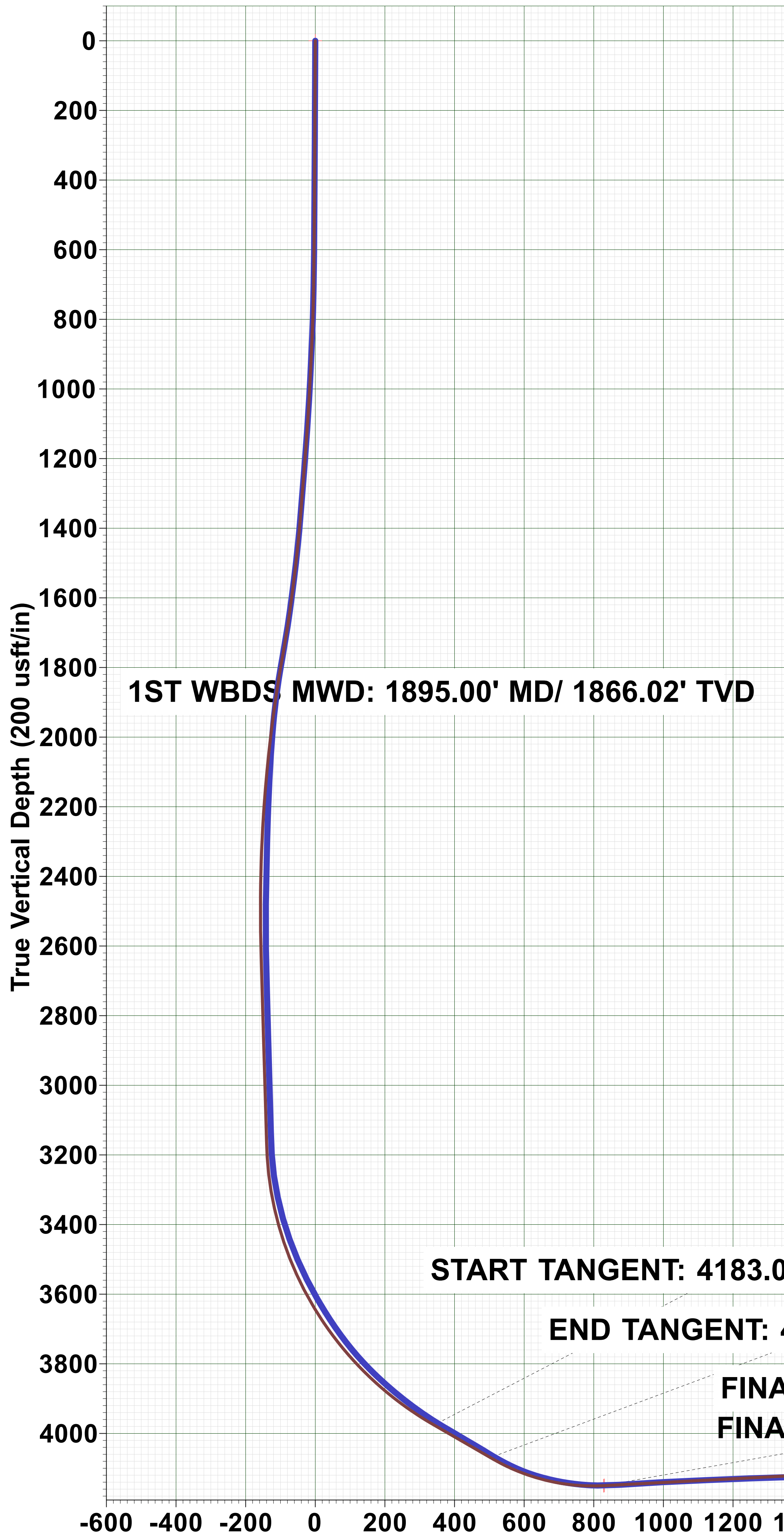
WELL DETAILS: 51H

RKB = 20' @ 3696.00usft (AKITA 57)

	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
	0.00	0.00	650934.00	575811.50	32.7893992	-104.2211509

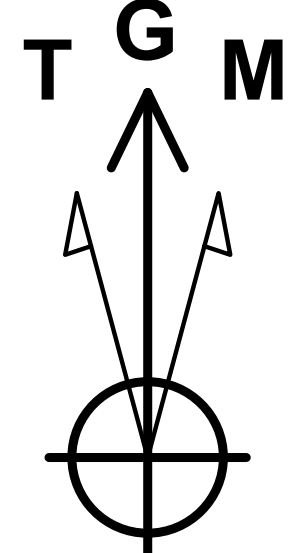
DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PLAT SHL 51H: 2220' FSL, 735' FWL	0.00	0.00	0.00	650934.00	575811.50	32.7893992	-104.2211509
FINAL LTP: 1848' FSL, 100' FWL	3912.10	-331.66	-5941.06	650602.34	569870.44	32.7885034	-104.2404847
FINAL BIT PROJECTION: 1848' FSL, 38' FWL	3913.83	-330.98	-6002.95	650603.02	569808.55	32.7885054	-104.2406861
PLAT BHL #51H: 1830' FSL, 50' FWL	3925.00	-349.80	-5991.00	650584.20	569820.50	32.7884537	-104.2406473
PLAT LTP #51H: 1830' FSL, 100' FWL	3925.06	-350.40	-5941.10	650583.60	569870.40	32.7884519	-104.2404849
PLAN PT2 #51H	3930.00	-360.21	-4991.26	650573.79	570820.24	32.7884226	-104.2373941
FINAL FTP: 1817' FSL, 100' FEL	4149.54	-415.48	-835.00	650518.52	574976.50	32.7882596	-104.2238694
PLAT FTP #51H: 1830' FSL, 100' FEL	4150.00	-403.50	-832.30	650530.50	574979.20	32.7882925	-104.2238606



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	1795.00	19.52	150.36	1771.25	-203.05	92.25	0.00	0.000	-94.37	
2	2668.66	3.54	208.90	2625.94	-354.78	151.87	2.05	170.133	-155.58	
3	3218.77	3.54	208.90	3175.00	-384.55	135.44	0.00	0.000	-139.46	
4	4191.61	60.00	270.60	3974.04	-408.60	-342.38	6.00	63.573	338.08	
5	4391.61	60.00	270.60	4074.04	-406.80	-515.57	0.00	0.000	511.29	
6	4721.89	93.03	270.60	4150.00	-403.50	-832.30	10.00	0.000	828.03	PLAT FTP #51H: 1830' FSL, 100' FEL
7	8886.89	93.03	270.60	3930.00	-360.21	-4991.26	0.00	0.000	4987.21	PLAN PT2 #51H
8	9034.89	90.07	270.60	3926.01	-358.67	-5139.19	2.00	180.000	5135.15	
9	9886.75	90.07	270.60	3925.00	-349.80	-5991.00	0.00	0.000	5987.01	PLAT BHL #51H: 1830' FSL, 50' FWL



Azimuths to Grid North
True North: -0.06°
Magnetic North: 6.80°

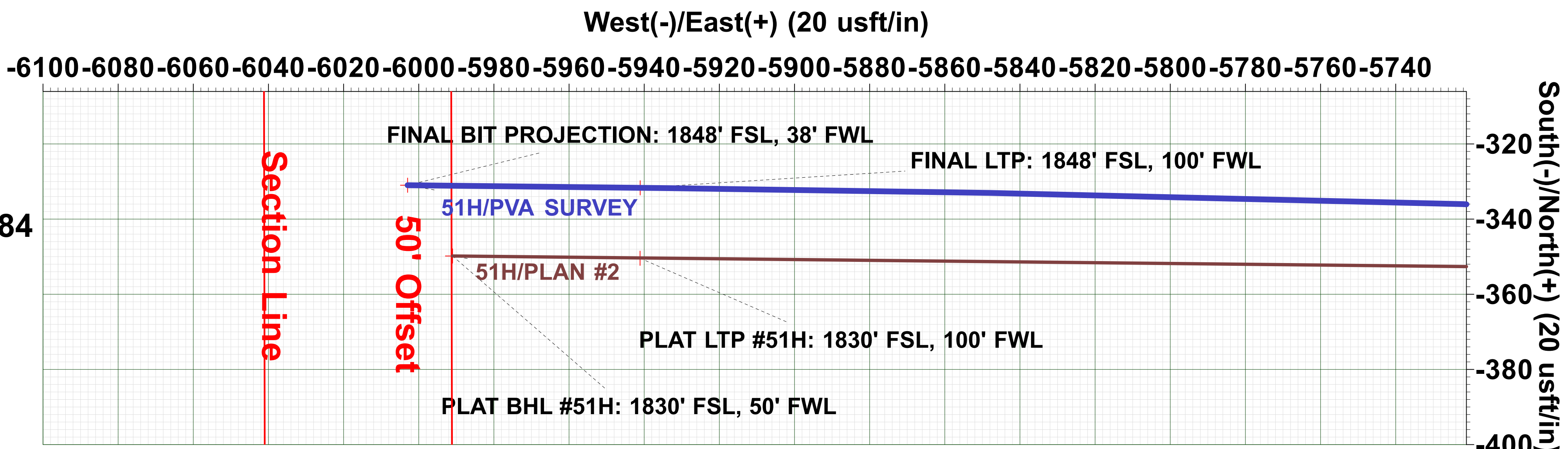
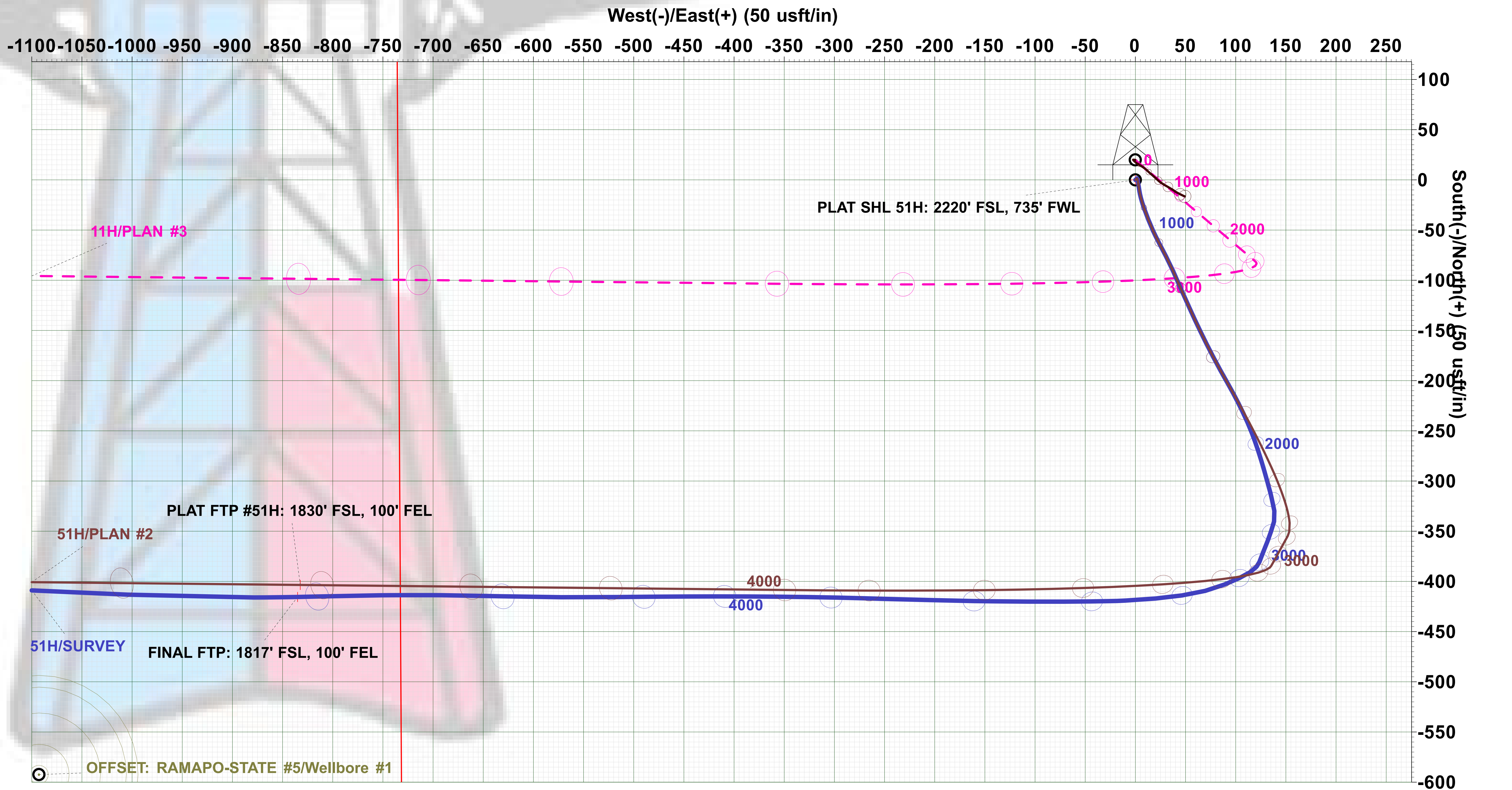
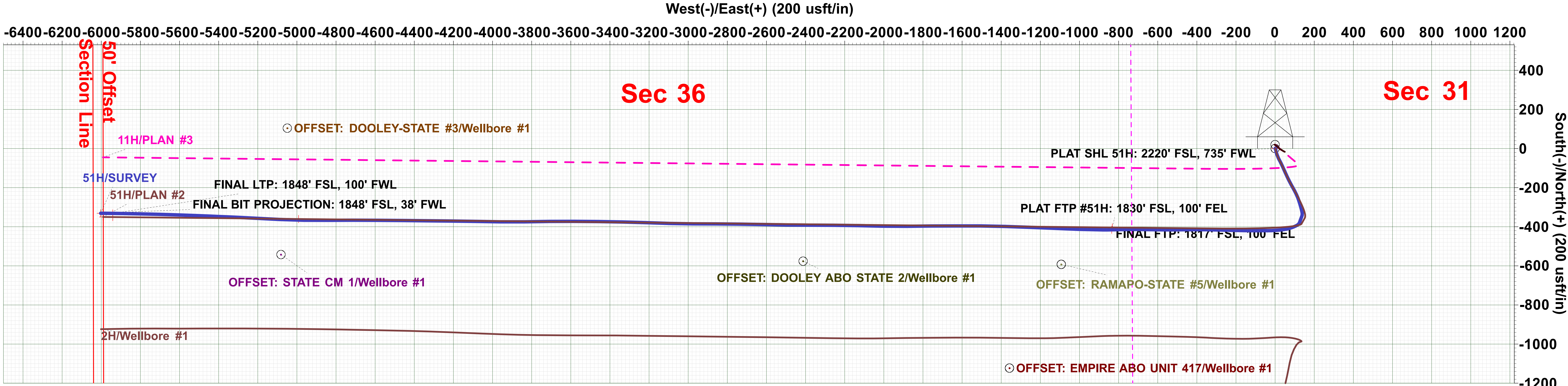
Magnetic Field
Strength: 47727.7snT
Dip Angle: 60.31°
Date: 09/30/2021
Model: IGRF2020

PROJECT DETAILS: Eddy County, NM (NAD 83 - NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

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: 11:36, December 15 2021

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-015-49019		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name WAUKEE 36 STATE COM		
								6. Well Number: 51H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator SPUR ENERGY PARTNERS LLC							9. OGRID 328947			
10. Address of Operator 9655 KATY FREEWAY, SUITE 500, HOUSTON, TX 77024							11. Pool name or Wildcat RED LAKE; GLORIETA-YESO, NORTHEAST			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:		31	17S	28E	3	2220	SOUTH	735	WEST	EDDY
BH:	L	36	17S	27E		1849	SOUTH	38	WEST	EDDY
13. Date Spudded 11/19/2021	14. Date T.D. Reached 12/14/2021		15. Date Rig Released 12/16/2021			16. Date Completed (Ready to Produce) 02/08/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3676' GR		
18. Total Measured Depth of Well 9880'M/3914'V			19. Plug Back Measured Depth 9880'M/3914'V			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run GAMMA RAY		
22. Producing Interval(s), of this completion - Top, Bottom, Name 4709'-9808' YESO										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9-5/8"		36		1853'		12-1/4"		635 SXS (CIRC TO SURFACE)		0
7"		32		4441'		8-3/4"		1545 SXS (CIRC TO SURFACE)		0
5-1/2"		20		9880'		8-3/4"		1545 SXS (CIRC TO SURFACE)		0
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					3-1/2"	4275'				
26. Perforation record (interval, size, and number) 01/15/2022 RIH & cleanout to PBTD @ 9880'. RIH & perf from 4709'-9808', total 900 shots/ft @ 0.42 shot size. Frac in 25 stages w/ 12554934 gal slickwater and 5011554# sand. 01/22/2022 rig down wireline and cleanout. RIH w/ 3-1/2" J-55 tbg @ 4275'.						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						4709'-9808'		12554934 GAL SLICKWATER & 5011554# SAND		
28. PRODUCTION										
Date First Production 02/22/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING ON ESP				Well Status (Prod. or Shut-in) PRODUCING				
Date of Test 03/30/2022	Hours Tested 24-HOUR	Choke Size NA	Prod'n For Test Period	Oil - Bbl 520	Gas - MCF 1028	Water - Bbl. 4471	Gas - Oil Ratio			
Flow Tubing Press. 170	Casing Pressure 155	Calculated 24-Hour Rate	Oil - Bbl. 520	Gas - MCF 1028	Water - Bbl. 4471	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD							30. Test Witnessed By JERRY MATHEWS			
31. List Attachments AS DRILLED C-102, WBD AND DIRECTIONAL SURVEY										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:			
34. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude _____ Longitude _____ NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed _____ Signature <i>Sarah Chapman</i> Name SARAH CHAPMAN Title REGULATORY DIRECTOR Date 04/22/2022 E-mail Address SCHAPMAN@SPURENERGY.COM										

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 330'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 575'	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1130'	T. Silurian	T. Menefee	T. Madison
T. Grayburg 1585'	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 1925'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3355'	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
330'	575'	245'	DOLOMITE, LIMESTONE, SHALE SILTSTONE				
575'	1130'	555'	DOLOMITE, LIMESTONE				
1130'	1585'	455'	SANDSTONE, DOLOMITE, ANHYDRITE				
1585'	1925'	340'	SANDSTONE DOLOMITE, ANHYDRITE				
1925'	3355'	1430'	SILTSTONE				
3355'	3465'	110'	DOLOMITE				

TD	9,880'
----	--------

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 100899

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 100899
	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.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
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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 100899

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 100899
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	6/13/2025