

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 10/16/2022
⁴ API Number 30 - 015-49362	⁵ Pool Name ARTESIA; GLORIETA-YESO (O)	⁶ Pool Code 96830
⁷ Property Code 326714	⁸ Property Name HALBERD 27 STATE COM	⁹ Well Number 72H

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	26	17S	28E		993	SOUTH	631	WEST	EDDY

¹¹ Bottom Hole Location FTP: 523' FSL 104' FEL LTP: 526' FSL 119' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	17S	28E		525	SOUTH	52	WEST	EDDY
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 10/01/2022	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
221115	FRONTIER FIELD SERVICES, LLC 4200 EAST SKELLY DRIVE, SUITE 700, TULSA, OK 74135	G
33479	HOLLYFRONTIER REFINING & MARKETING 2828 N. HARWOOD, SUITE 1300, DALLAS, TX 75201	O

IV. Well Completion Data

²¹ Spud Date 04/22/2022	²² Ready Date 10/16/2022	²³ TD 10190'M/4419'V	²⁴ PBTD 10145'M/4419'V	²⁵ Perforations 5106'-10123'	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	1383'		605 sxs (circ 203 sxs to surface)
8-3/4"		7" 32# L-80 BK-HT	4848'		1790 sxs (circ 191 sxs to surface)
8-3/4"		5-1/2" 20# L-80 BK-HT	10190'		1790 sxs (circ 191 sxs to surface)
		3-1/2" J-55 TBG	4772'		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Sarah Chapman</i>			OIL CONSERVATION DIVISION		
Printed name: SARAH CHAPMAN			Approved by:		
Title: REGULATORY DIRECTOR			Title:		
E-mail Address: SCHAPMAN@SPURENERGY.COM			Approval Date:		
Date: 10/16/2022		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 30-015-49362	² Pool Code 96830	³ Pool Name ARTESIA; GLORIETA-YESO (O)
⁴ Property Code 326714	⁵ Property Name HALBERD 27 STATE COM	⁶ Well Number 72H
⁷ GRID NO. 328947	⁸ Operator Name SPUR ENERGY PARTNERS LLC.	⁹ Elevation 3677'

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	26	17S	28E		993	SOUTH	631	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
M	27	17S	28E		525	SOUTH	52	WEST	EDDY

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

¹⁶ <u>GEODETIC DATA</u> NAD 83 GRID - NM EAST <u>SURFACE LOCATION (SL)</u> N: 655321.6 - E: 596615.3 LAT: 32.8013803° N LONG: 104.1534288° W <u>FIRST TAKE POINT (FTP)</u> 523' FSL & 104' FEL - SEC 27 N: 654820.1 - E: 595877.1 LAT: 32.8000052° N LONG: 104.1558339° W MD: 5106.0 - TVD: 4579.2 <u>LAST TAKE POINT (LTP)</u> 526' FSL & 119' FWL - SEC 27 N: 654762.4 - E: 590866.6 LAT: 32.7998688° N LONG: 104.1721410° W MD: 10123.0 - TVD: 4419.2 <u>BOTTOM HOLE (BH)</u> N: 654760.8 - E: 590799.6 LAT: 32.7998645° N LONG: 104.1723589° W MD: 10,190.0 - TVD: 4419.1 <u>CORNER DATA</u> NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1941" N: 654235.0 - E: 590741.9 B: FOUND BRASS CAP "1941" N: 656846.0 - E: 590769.0 C: FOUND BRASS CAP "1941" N: 659457.7 - E: 590794.9 D: FOUND BRASS CAP "1941" N: 659466.8 - E: 593406.4 E: FOUND BRASS CAP "1941" N: 659475.1 - E: 596017.9 F: FOUND BRASS CAP "1941" N: 659675.9 - E: 598617.6 G: FOUND BRASS CAP "1941" N: 659870.2 - E: 601205.0 H: FOUND BRASS CAP "1941" N: 657214.4 - E: 601209.0 I: FOUND BRASS CAP "1941" N: 654552.6 - E: 601197.1 J: FOUND BRASS CAP "1941" N: 654424.1 - E: 598586.6 K: FOUND BRASS CAP "1941" N: 654298.0 - E: 595977.3 L: FOUND BRASS CAP "1941" N: 654266.7 - E: 593360.1 M: FOUND BRASS CAP "1941" N: 656886.5 - E: 595997.7	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. <i>Sarah Chapman</i> 09/21/2022 Signature Date SARAH CHAPMAN Printed Name SCHAPMAN@SPUREENERGY.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. 09/05/2022 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number LS21121330AC
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I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **06/13/22** thru **06/19/22** conduct or supervise the taking of a **MWD Survey** from a depth of **142'** to a depth of **10190'**; 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 **Halberd 27 State Com 72H** API No. **30-015-49362** 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
PH 936-756-3225 FAX 936-756-3248*



Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

HALBERD 27 STATE COM

72H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

20 June, 2022





Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well 72H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 18' @ 3695.00usft (STONEHAM 5)
Site:	HALBERD 27 STATE COM	MD Reference:	RKB = 18' @ 3695.00usft (STONEHAM 5)
Well:	72H	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		HALBERD 27 STATE COM			
Site Position:		Northing:	658,818.90 usft	Latitude:	32.8109953
From:	Map	Easting:	596,124.80 usft	Longitude:	-104.1550059
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.097 °

Well	72H					
Well Position	+N/-S	0.00 usft	Northing:	655,321.60 usft	Latitude:	32.8013802
	+E/-W	0.00 usft	Easting:	596,615.30 usft	Longitude:	-104.1534288
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,677.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	02/15/22	6.783	60.316	47,702.62065671

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	269.38	

Survey Program	Date	06/20/22			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
142.00	1,338.00	Survey #1 (Wellbore #1)	MWD+IGRF	OWSG MWD + IGRF or WMM	
1,407.00	10,190.00	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
1. SHL 72H: 993' FSL, 631' FWL									
142.00	0.40	246.72	142.00	-0.20	-0.46	0.46	0.28	0.28	0.00
232.00	0.40	232.83	232.00	-0.51	-0.99	1.00	0.11	0.00	-15.43
379.00	1.10	213.85	378.98	-1.99	-2.19	2.21	0.50	0.48	-12.91
466.00	1.49	177.73	465.96	-3.82	-2.61	2.65	1.02	0.45	-41.52
556.00	3.38	155.66	555.88	-7.40	-1.47	1.55	2.31	2.10	-24.52
642.00	5.80	151.80	641.60	-13.54	1.63	-1.48	2.84	2.81	-4.49
728.00	8.00	148.37	726.97	-22.47	6.82	-6.58	2.60	2.56	-3.99
814.00	8.48	146.17	812.08	-32.83	13.49	-13.13	0.67	0.56	-2.56



Survey Report



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Site:	HALBERD 27 STATE COM	MD Reference:	RKB = 18' @ 3695.00usft (STONEHAM 5)
Well:	72H	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)
904.00	8.09	146.79	901.14	-43.64	20.65	-20.18	0.44	-0.43	0.69
992.00	8.00	146.00	988.28	-53.90	27.47	-26.88	0.16	-0.10	-0.90
1,079.00	8.09	144.85	1,074.42	-63.92	34.38	-33.69	0.21	0.10	-1.32
1,166.00	8.79	143.10	1,160.48	-74.25	41.89	-41.09	0.86	0.80	-2.01
1,254.00	8.70	142.83	1,247.45	-84.93	49.95	-49.03	0.11	-0.10	-0.31
1,338.00	8.00	143.10	1,330.56	-94.66	57.30	-56.27	0.83	-0.83	0.32
1,407.00	7.52	144.04	1,398.93	-102.16	62.84	-61.73	0.72	-0.70	1.36
1,534.00	6.86	143.84	1,524.93	-115.01	72.19	-70.94	0.52	-0.52	-0.16
1,661.00	8.09	156.71	1,650.86	-129.34	80.20	-78.80	1.63	0.97	10.13
1,787.00	7.41	152.75	1,775.71	-144.71	87.43	-85.85	0.69	-0.54	-3.14
1,914.00	7.22	152.39	1,901.67	-159.06	94.87	-93.15	0.15	-0.15	-0.28
2,041.00	10.64	146.56	2,027.12	-175.92	105.04	-103.13	2.78	2.69	-4.59
2,167.00	10.35	145.40	2,151.01	-194.95	117.87	-115.76	0.28	-0.23	-0.92
2,294.00	10.06	144.77	2,276.00	-213.40	130.75	-128.43	0.24	-0.23	-0.50
2,420.00	9.86	144.77	2,400.10	-231.20	143.32	-140.81	0.16	-0.16	0.00
2,547.00	9.55	144.12	2,525.28	-248.62	155.77	-153.07	0.26	-0.24	-0.51
2,674.00	8.34	147.58	2,650.74	-264.93	166.88	-164.01	1.04	-0.95	2.72
2,800.00	8.24	148.82	2,775.42	-280.37	176.46	-173.41	0.16	-0.08	0.98
2,954.00	7.07	153.04	2,928.05	-298.26	186.47	-183.23	0.84	-0.76	2.74
3,081.00	6.83	152.40	3,054.12	-311.91	193.51	-190.12	0.20	-0.19	-0.50
3,207.00	6.72	153.47	3,179.24	-325.15	200.27	-196.74	0.13	-0.09	0.85
3,334.00	6.43	152.93	3,305.40	-338.13	206.83	-203.16	0.23	-0.23	-0.43
3,461.00	6.32	151.80	3,431.61	-350.62	213.37	-209.56	0.13	-0.09	-0.89
3,524.00	5.79	164.66	3,494.27	-356.74	215.85	-211.97	2.31	-0.84	20.41
3,543.55	5.71	176.48	3,513.72	-358.67	216.17	-212.27	6.06	-0.39	60.44
2. KOP 72H @ 3541.63' MD									
3,588.00	6.41	201.35	3,557.93	-363.19	215.40	-211.46	6.06	1.56	55.96
3,651.00	10.13	228.25	3,620.28	-370.16	209.98	-205.97	8.37	5.90	42.70
3,714.00	13.98	237.97	3,681.89	-377.89	199.39	-195.29	6.89	6.11	15.43
3,777.00	16.10	244.95	3,742.73	-385.62	185.03	-180.84	4.42	3.37	11.08
3,904.00	22.81	254.14	3,862.44	-399.83	145.34	-141.00	5.79	5.28	7.24
3,968.00	26.21	257.04	3,920.67	-406.39	119.62	-115.22	5.63	5.31	4.53
4,031.00	29.17	259.50	3,976.45	-412.31	90.96	-86.49	5.04	4.70	3.90
4,094.00	32.57	262.76	4,030.52	-417.24	59.03	-54.51	6.01	5.40	5.17
4,158.00	35.22	264.16	4,083.64	-421.29	23.58	-19.02	4.32	4.14	2.19
4,221.00	36.81	264.08	4,134.59	-425.09	-13.27	17.87	2.52	2.52	-0.13
4,284.00	39.17	263.24	4,184.24	-429.38	-51.81	56.45	3.83	3.75	-1.33
4,347.00	43.28	261.42	4,231.62	-434.94	-92.94	97.64	6.80	6.52	-2.89
4,410.00	45.59	261.05	4,276.60	-441.67	-136.53	141.30	3.69	3.67	-0.59
4,473.00	46.97	260.96	4,320.14	-448.79	-181.50	186.34	2.19	2.19	-0.14
4,536.00	50.45	263.58	4,361.71	-455.12	-228.39	233.30	6.35	5.52	4.16
4,600.00	57.26	266.65	4,399.44	-459.46	-279.85	284.81	11.32	10.64	4.80
4,632.00	58.29	267.25	4,416.51	-460.90	-306.88	311.85	3.59	3.22	1.87



Survey Report



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Well:	72H	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)
START TANGENT: 4632' MD									
4,664.00	57.71	267.29	4,433.46	-462.19	-333.99	338.97	1.82	-1.81	0.12
4,695.00	57.39	267.43	4,450.10	-463.40	-360.12	365.12	1.10	-1.03	0.45
4,727.00	57.22	267.42	4,467.38	-464.61	-387.02	392.03	0.53	-0.53	-0.03
4,758.00	56.79	267.11	4,484.26	-465.85	-413.00	418.01	1.62	-1.39	-1.00
4,790.00	56.39	267.30	4,501.88	-467.15	-439.68	444.70	1.34	-1.25	0.59
END TANGENT: 4790' MD									
4,854.00	63.67	265.76	4,533.84	-470.53	-494.97	500.04	11.56	11.37	-2.41
4,917.00	72.91	263.86	4,557.12	-475.85	-553.20	558.31	14.93	14.67	-3.02
4,980.00	80.12	261.51	4,571.80	-483.66	-613.91	619.11	12.00	11.44	-3.73
5,043.00	87.40	260.87	4,578.64	-493.25	-675.76	681.06	11.60	11.56	-1.02
5,101.26	89.29	262.33	4,580.33	-501.76	-733.37	738.76	4.10	3.24	2.50
3. FTP 72H: 525' FSL, 100' FEL									
5,101.76	89.31	262.34	4,580.33	-501.83	-733.86	739.25	4.10	3.24	2.50
FINAL FTP: 5101.76' MD/ 4580.33' TVD - FINAL FTP: 523' FSL, 100' FEL									
5,170.00	91.52	264.05	4,579.84	-509.91	-801.61	807.08	4.10	3.24	2.50
5,297.00	91.47	263.50	4,576.53	-523.68	-927.82	933.43	0.43	-0.04	-0.43
5,423.00	91.94	267.64	4,572.78	-533.40	-1,053.36	1,059.07	3.31	0.37	3.29
5,550.00	92.20	270.42	4,568.19	-535.55	-1,180.25	1,185.97	2.20	0.20	2.19
5,677.00	93.01	274.21	4,562.41	-530.43	-1,306.99	1,312.65	3.05	0.64	2.98
5,804.00	92.73	273.54	4,556.05	-521.86	-1,433.54	1,439.10	0.57	-0.22	-0.53
5,931.00	91.44	270.02	4,551.43	-517.92	-1,560.37	1,565.88	2.95	-1.02	-2.77
6,057.00	90.63	270.10	4,549.16	-517.78	-1,686.35	1,691.85	0.65	-0.64	0.06
6,181.00	91.55	268.32	4,546.80	-519.49	-1,810.31	1,815.82	1.62	0.74	-1.44
6,308.00	92.48	268.59	4,542.33	-522.92	-1,937.18	1,942.73	0.76	0.73	0.21
6,434.00	91.92	269.14	4,537.50	-525.41	-2,063.06	2,068.63	0.62	-0.44	0.44
6,547.00	91.33	269.43	4,534.29	-526.82	-2,176.01	2,181.58	0.58	-0.52	0.26
6,673.00	94.19	270.43	4,528.22	-526.97	-2,301.85	2,307.41	2.40	2.27	0.79
6,797.00	93.18	270.36	4,520.25	-526.12	-2,425.59	2,431.14	0.82	-0.81	-0.06
6,923.00	92.45	270.70	4,514.07	-524.96	-2,551.43	2,556.96	0.64	-0.58	0.27
7,050.00	91.72	270.39	4,509.45	-523.75	-2,678.34	2,683.85	0.62	-0.57	-0.24
7,177.00	91.22	270.23	4,506.19	-523.06	-2,805.29	2,810.79	0.41	-0.39	-0.13
7,303.00	90.49	270.10	4,504.31	-522.70	-2,931.28	2,936.76	0.59	-0.58	-0.10
7,430.00	92.87	269.37	4,500.58	-523.29	-3,058.21	3,063.69	1.96	1.87	-0.57
7,557.00	92.17	269.31	4,495.00	-524.75	-3,185.08	3,190.57	0.55	-0.55	-0.05
7,683.00	91.61	269.20	4,490.85	-526.39	-3,311.00	3,316.50	0.45	-0.44	-0.09
7,810.00	90.52	269.16	4,488.49	-528.20	-3,437.96	3,443.48	0.86	-0.86	-0.03
7,936.00	92.11	268.01	4,485.59	-531.31	-3,563.89	3,569.43	1.56	1.26	-0.91
8,062.00	91.47	267.87	4,481.66	-535.84	-3,689.74	3,695.32	0.52	-0.51	-0.11
8,188.00	91.19	267.91	4,478.73	-540.48	-3,815.62	3,821.25	0.22	-0.22	0.03
8,315.00	90.68	267.63	4,476.66	-545.42	-3,942.51	3,948.18	0.46	-0.40	-0.22
8,442.00	92.70	268.23	4,472.92	-550.00	-4,069.36	4,075.08	1.66	1.59	0.47
8,569.00	92.98	271.72	4,466.62	-550.06	-4,196.19	4,201.89	2.75	0.22	2.75
8,695.00	92.20	271.76	4,460.93	-546.24	-4,322.00	4,327.66	0.62	-0.62	0.03



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well 72H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 18' @ 3695.00usft (STONEHAM 5)
Site:	HALBERD 27 STATE COM	MD Reference:	RKB = 18' @ 3695.00usft (STONEHAM 5)
Well:	72H	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)
8,822.00	91.69	271.68	4,456.62	-542.43	-4,448.87	4,454.48	0.41	-0.40	-0.06
8,948.00	91.19	271.68	4,453.45	-538.74	-4,574.77	4,580.34	0.40	-0.40	0.00
9,075.00	90.38	272.03	4,451.71	-534.62	-4,701.69	4,707.20	0.69	-0.64	0.28
9,201.00	92.11	269.19	4,448.97	-533.28	-4,827.64	4,833.13	2.64	1.37	-2.25
9,328.00	92.11	268.27	4,444.30	-536.10	-4,954.52	4,960.03	0.72	0.00	-0.72
9,455.00	91.81	267.72	4,439.95	-540.54	-5,081.37	5,086.92	0.49	-0.24	-0.43
9,581.00	90.94	267.71	4,436.93	-545.56	-5,207.23	5,212.83	0.69	-0.69	-0.01
9,708.00	93.32	268.86	4,432.21	-549.36	-5,334.08	5,339.71	2.08	1.87	0.91
9,835.00	92.39	268.76	4,425.88	-551.99	-5,460.89	5,466.54	0.74	-0.73	-0.08
9,961.00	91.55	268.53	4,421.55	-554.97	-5,586.78	5,592.46	0.69	-0.67	-0.18
10,088.00	90.40	268.49	4,419.39	-558.27	-5,713.71	5,719.42	0.91	-0.91	-0.03
10,116.00	90.10	268.59	4,419.27	-558.98	-5,741.71	5,747.42	1.13	-1.07	0.36
10,142.22	90.10	268.59	4,419.22	-559.63	-5,767.92	5,773.64	0.00	0.00	0.00
FINAL LTP: 10142.22' MD/ 4419.22' TVD - 4. LTP 72H: 525' FSL, 100' FWL - FINAL LTP: 526' FSL, 100' FWL									
10,190.00	90.10	268.59	4,419.14	-560.81	-5,815.68	5,821.41	0.00	0.00	0.00
Final Station Closure Distance= 5842.66 /Direction= 264.49 - Projection to Bit: 10190.00' MD/ 4419.14' TVD - TD: Latitude= 32.7998645 / Longitude= -104.1723589									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FINAL BIT PROJ/TD: - hit/miss target - Shape	0.00	0.00	4,419.14	-560.81	-5,815.68	654,760.80	590,799.62	32.7998645	-104.1723589
FINAL LTP: 526' FSL, - actual wellpath hits target center - Point	0.00	0.01	4,419.22	-559.63	-5,767.92	654,761.97	590,847.38	32.7998676	-104.1722035
FINAL FTP: 523' FSL, - actual wellpath hits target center - Point	0.00	0.00	4,580.33	-501.83	-733.86	654,819.78	595,881.44	32.8000043	-104.1558199

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
4,632.00	4,416.51	-460.90	-306.88	START TANGENT: 4632' MD
4,790.00	4,501.88	-467.15	-439.68	END TANGENT: 4790' MD
5,101.76	4,580.33	-501.83	-733.86	FINAL FTP: 5101.76' MD/ 4580.33' TVD
10,142.22	4,419.22	-559.63	-5,767.92	FINAL LTP: 10142.22' MD/ 4419.22' TVD
10,190.00	4,419.14	-560.81	-5,815.68	Final Station Closure Distance= 5842.66 /Direction= 264.49
10,190.00	4,419.14	-560.81	-5,815.68	Projection to Bit: 10190.00' MD/ 4419.14' TVD
10,190.00	4,419.14	-560.81	-5,815.68	TD: Latitude= 32.7998645 / Longitude= -104.1723589
10,190.00	4,419.14	-560.81	-5,815.68	TD: Y= 654760.79 / X= 590799.62



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well 72H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 18' @ 3695.00usft (STONEHAM 5)
Site:	HALBERD 27 STATE COM	MD Reference:	RKB = 18' @ 3695.00usft (STONEHAM 5)
Well:	72H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Checked By: _____ Approved By: _____ Date: _____

Created By: Derek Stephens Date: 7:35, June 20 2022

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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																		
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 HALBERD 27 STATE COM										
								6. Well Number: 72H										
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 ARTESIA; GLORIETA-YESO (O)												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	M	26	17S	28E		993	SOUTH	631	WEST	EDDY								
BH:	M	27	17S	28E		525	SOUTH	52	WEST	EDDY								
13. Date Spudded 04/22/2022	14. Date T.D. Reached 06/18/2022		15. Date Rig Released 06/20/2022			16. Date Completed (Ready to Produce) 10/16/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3677' GR										
18. Total Measured Depth of Well 10190'M/4419'V			19. Plug Back Measured Depth 10145'M/4419'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 5106'-10123' UPPER BLINEBRY																		
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		1383'		12-1/4"		605 SXS (203 SXS TO SURFACE)										
7"		32		4848'		8-3/4"		1790 SXS (191 SXS TO SURFACE)										
5-1/2"		20		10190'		8-3/4"		1790 SXS (191 SXS TO SURFACE)										
24. LINER RECORD						25. TUBING RECORD												
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET											
					3-1/2"	4772'												
26. Perforation record (interval, size, and number) 09/05/2022 RIH & cleanout to PBTD @ 10145'. RIH & perf from 5106'-10123', total shots 900/ft @ 0.42 shot size. Frac in 25 stages w/ 12140772gal slickwater and 5014622# sand. 09/12/2022 rig down wireline and cleanout. RIH w/ 3-1/2" J-55 tbg @ 4772'.						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>5106'-10123'</td> <td>12140772 GAL SLICKWATER & 5014622# SAND</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	5106'-10123'	12140772 GAL SLICKWATER & 5014622# SAND				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
5106'-10123'	12140772 GAL SLICKWATER & 5014622# SAND																	
28. PRODUCTION																		
Date First Production 10/23/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING ON ESP				Well Status (Prod. or Shut-in) PRODUCING												
Date of Test 12/19/2022	Hours Tested 24-HOURS	Choke Size NA	Prod'n For Test Period	Oil - Bbl 795	Gas - MCF 1136	Water - Bbl. 2345	Gas - Oil Ratio											
Flow Tubing Press. 139	Casing Pressure 140	Calculated 24-Hour Rate	Oil - Bbl. 795	Gas - MCF 1136	Water - Bbl. 2345	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, DIRECTIONAL AND FINAL C-104																		
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 Signature <i>Sarah Chapman</i> Printed Name SARAH CHAPMAN E-mail Address SCHAPMAN@SPURENERGY.COM Title REGULATORY DIRECTOR Date 01/17/2023																		

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 515'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 780'	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1350'	T. Silurian	T. Menefee	T. Madison
T. Grayburg 1750'	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2045'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3475'	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. YESO 3565'	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.....

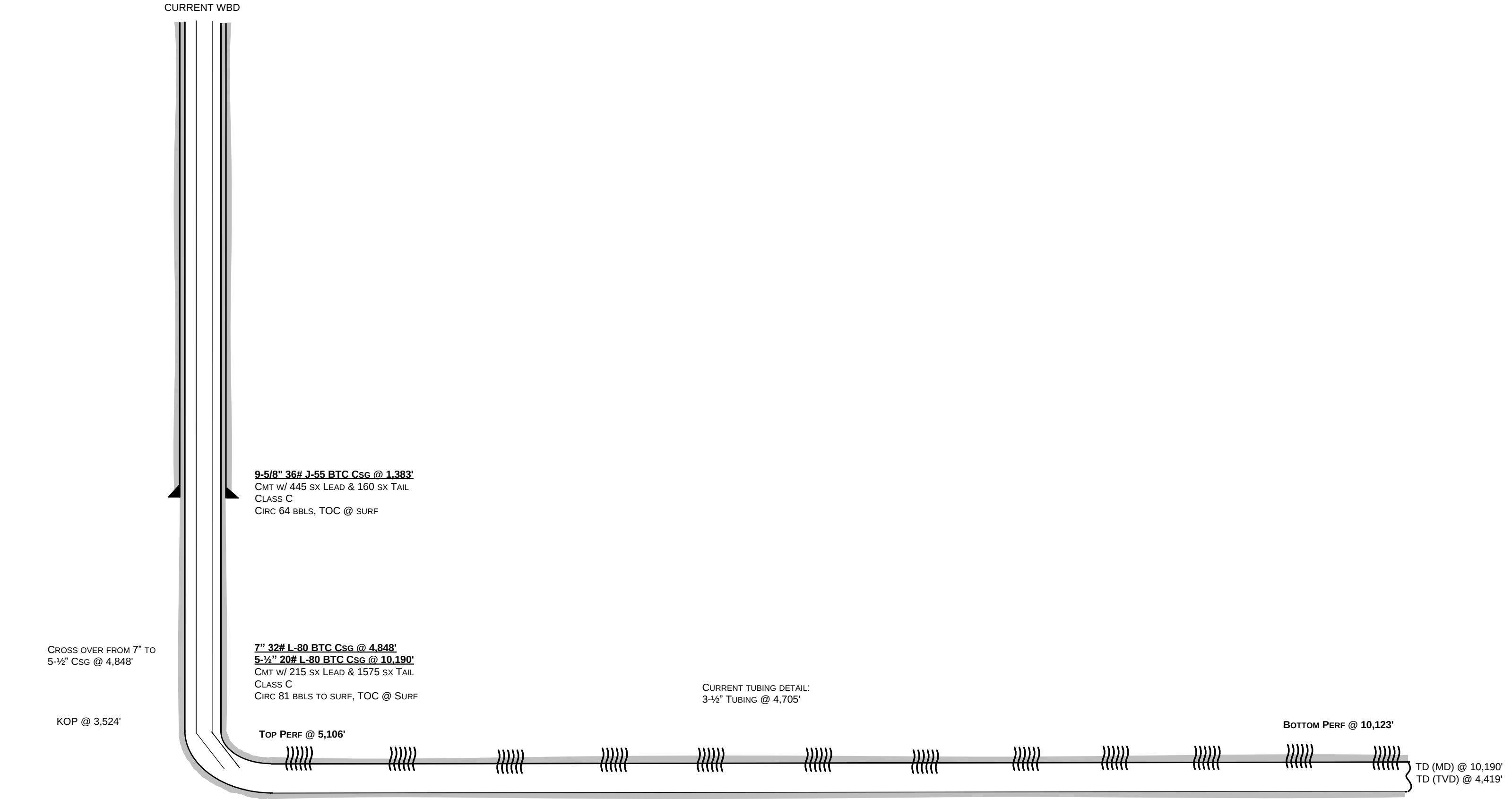
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
515	780	265	DOLOMITE, LIMESTONE, SHALE				
780	1350	570	SANDSTONE, DOLOMITE, ANHYDRITE				
1350	1750	400	DOLOMITE				
1750	2045	295	DOLOMITE				
2045	3475	1430	DOLOMITE				
3475	3565	90	DOLOMITE				

Eddy County, NM
API# 30-015-49362

SPUD DATE: 4/22/2022
ELEV: 3677' GL, 18' KB



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 176781

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 176781
	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

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

CONDITIONS

Action 176781

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 176781
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	7/16/2025