

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address SPUR ENERGY PARTNERS LLC 9655 KATY FREEWAY, SUITE 500 HOUSTON, TX 77024		² OGRID Number 328947
		³ Reason for Filing Code/ Effective Date NW 06/17/2021
⁴ API Number 30 - 0 15-45678	⁵ Pool Name N. SVEN RIVERS; GLORIETA-YESO	⁶ Pool Code 97565
⁷ Property Code 325865	⁸ Property Name LAKEWOOD FEDERAL 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
N	27	19S	25E		465	SOUTH	2305	WEST	EDDY

¹¹ Bottom Hole Location

FTP: 104' FNL 2176' FWL LTP: 161' FNL 2177' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	34	19S	25E		54	SOUTH	2180	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 03/25/2021	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
33479	HOLLYFRONTIER REFINING & MARKETING 2828 N. HARWOOD, SUITE 1300, DALLAS, TX 75201	O
147831	LUCID ENERGY DELAWARE, LLC 3100 MCKINNION ST., SUITE 800, DALLAS, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 11/30/2020	²² Ready Date 03/27/2021	²³ TD 2737'V/8504'M	²⁴ PBDT 2737'V/8504'M	²⁵ Perforations 3298'-8397'	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	1260'	431 SXS (CIRC 97 SXS)		
8-3/4"	7" 32# L-80 BK-HT	3009'	1170 SXS (CIRC 306 SXS)		
8-3/4"	5-1/2" 20# L-80 BK-HT	8504'	1170 SXS (CIRC 306 SXS)		
	3-1/2" J-55 TBG	2840'			

V. Well Test Data

³¹ Date New Oil 04/06/2021	³² Gas Delivery Date 04/06/2021	³³ Test Date 05/06/2021	³⁴ Test Length 24-HOURS	³⁵ Tbg. Pressure 246	³⁶ Csg. Pressure 117
³⁷ Choke Size NA	³⁸ Oil 1032	³⁹ Water 3365	⁴⁰ Gas 248		⁴¹ Test Method PUMPING

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Sarah Chapman</i>	OIL CONSERVATION DIVISION Approved by: KURT SIMMONS
Printed name: SARAH CHAPMAN	Title: NMOCD, SANTA FE
Title: REGULATORY DIRECTOR	Approval Date: 08/16/2021
E-mail Address: SCHAPMAN@SPUREPLLC.COM	Request for NMOCD extension of time to file BLM approved form 3160-4. Will submit within 10days of approval.
Date: 06/17/2021 Phone: 832-930-8613	

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

X AMENDED REPORT

AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-45678	Pool Code 97565	Pool Name N. SEVEN RIVERS; GLORIETA-YESO
Property Code 325865	Property Name LAKEWOOD FEDERAL COM	Well Number 10H
OGRID No. 328947	Operator Name SPUR ENERGY PARTNERS, LLC	Elevation 3477'

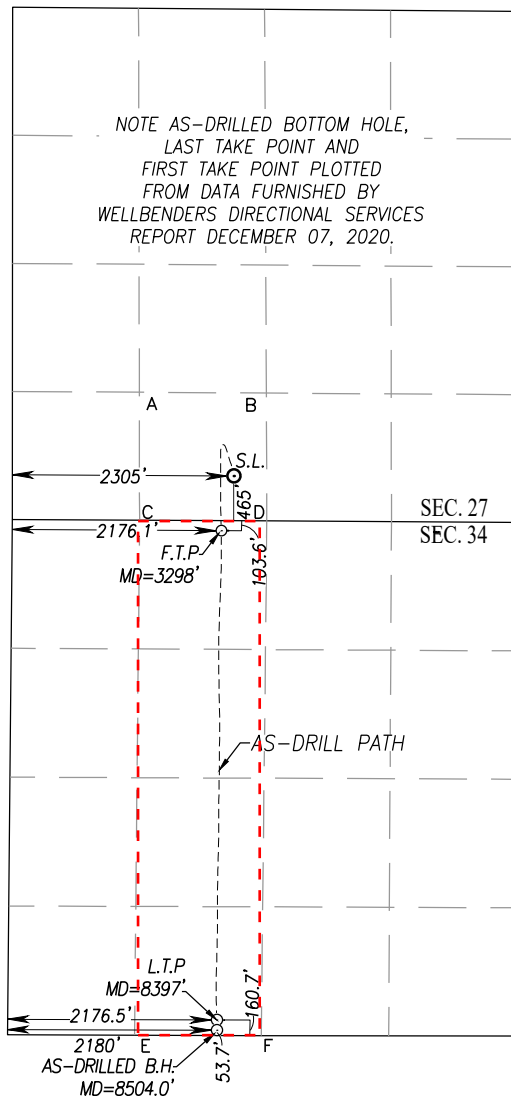
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	27	19-S	25-E		465	SOUTH	2305	WEST	EDDY

As-Drilled 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
N	34	19-S	25-E		53.7	SOUTH	2180	WEST	EDDY
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



SCALE: 1"=2000'

GEODETIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y=591396.3 N
X=498143.7 E
LAT.=32.625720° N
LONG.=104.473635° W

FIRST TAKE POINT
NAD 83 NME
Y= 590828.5 N
X= 498013.6 E
LAT.=32.624159° N
LONG.=104.474055° W

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y=591335.5 N
X=456965.2 E
LAT.=32.625607° N
LONG.=104.473115° W

FIRST TAKE POINT
NAD 27 NME
Y= 590767.7 N
X= 456835.1 E
LAT.=32.624046° N
LONG.=104.473535° W

CORNER COORDINATES TABLE
NAD 27 NME

A - Y= 592208.5 N, X= 455983.1 E
B - Y= 592200.1 N, X= 457305.0 E
C - Y= 590876.2 N, X= 455985.8 E
D - Y= 590868.6 N, X= 457311.0 E
E - Y= 585514.1 N, X= 455932.2 E
F - Y= 585509.7 N, X= 457253.0 E

CORNER COORDINATES TABLE
NAD 83 NME

A - Y= 592269.3 N, X= 497161.6 E
B - Y= 592260.9 N, X= 498483.5 E
C - Y= 590937.0 N, X= 497164.3 E
D - Y= 590929.4 N, X= 498489.5 E
E - Y= 585574.7 N, X= 497110.7 E
F - Y= 585570.3 N, X= 498431.5 E

LAST TAKE POINT

NAD 83 NME
Y= 585732.5 N
X= 497967.3 E
LAT.=32.610151° N
LONG.=104.474183° W

LAST TAKE POINT

NAD 27 NME
Y= 585671.9 N
X= 456788.8 E
LAT.=32.610038° N
LONG.=104.473664° W

BOTTOM HOLE LOCATION

NAD 83 NME
Y=585625.6 N
X=497969.9 E
LAT.=32.609857° N
LONG.=104.474175° W

BOTTOM HOLE LOCATION

NAD 27 NME
Y=585564.9 N
X=456791.3 E
LAT.=32.609744° N
LONG.=104.473655° W

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Sarah Chapman 06/16/2021
Signature Date

SARAH CHAPMAN
Printed Name

SCHAPMAN@SPUREPLLC.COM
E-mail Address

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.

GARY G. EIDSON
OCTOBER 9, 2020
Date of Survey
Signature & Seal of Professional Surveyor:

Gary G. Eidson 03/26/2021
Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239

LSL REL. W.O.:20130580

JWSC W.O.: 21.13.0126



Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

Lakewood Unit

#10H

Wellbore #1

Survey: Survey #1

Standard Survey Report

07 December, 2020





Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #10H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3497.00usft (Akita 57)
Site:	Lakewood Unit	MD Reference:	RKB = 20' @ 3497.00usft (Akita 57)
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	Lakewood Unit		
Site Position:		Northing:	591,671.59 usft
From:	Lat/Long	Easting:	499,869.66 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.6264829
		Longitude:	-104.4680295
		Grid Convergence:	-0.073 °

Well	#10H		
Well Position	+N/-S	0.00 usft	Northing: 591,396.30 usft
	+E/-W	0.00 usft	Easting: 498,143.70 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32.6257201
		Longitude:	-104.4736346
		Ground Level:	3,477.00 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	10/12/20	7.044
			Dip Angle (°) 60.245
			Field Strength (nT) 47,736.87266778

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 (°) 180.53

Survey Program	Date	12/07/20		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
167.00	8,504.00	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
167.00	1.41	17.93	166.98	1.95	0.63	-1.96	0.84	0.84	0.00
287.00	2.46	4.83	286.91	5.93	1.30	-5.94	0.94	0.87	-10.92
408.00	3.87	356.31	407.73	12.59	1.26	-12.60	1.23	1.17	-7.04
530.00	5.85	346.90	529.28	22.75	-0.41	-22.75	1.74	1.62	-7.71
652.00	8.57	345.32	650.31	37.61	-4.13	-37.57	2.24	2.23	-1.30
775.00	9.49	345.58	771.78	56.29	-8.98	-56.21	0.75	0.75	0.21
895.00	9.67	345.50	890.11	75.63	-13.96	-75.50	0.15	0.15	-0.07
1,016.00	11.60	345.32	1,009.02	97.24	-19.59	-97.05	1.60	1.60	-0.15
1,136.00	14.07	342.42	1,126.02	122.82	-27.05	-122.56	2.13	2.06	-2.42



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #10H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3497.00usft (Akita 57)
Site:	Lakewood Unit	MD Reference:	RKB = 20' @ 3497.00usft (Akita 57)
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)
1,193.00	14.81	342.07	1,181.22	136.36	-31.39	-136.06	1.31	1.30	-0.61
1,311.00	17.14	343.12	1,294.65	167.35	-41.08	-166.96	1.99	1.97	0.89
1,437.00	19.52	342.24	1,414.25	205.17	-52.90	-204.67	1.90	1.89	-0.70
1,564.00	19.78	344.79	1,533.86	246.11	-65.01	-245.50	0.71	0.20	2.01
1,627.00	21.19	343.21	1,592.87	267.30	-71.09	-266.63	2.40	2.24	-2.51
1,690.00	18.33	338.46	1,652.16	287.42	-78.02	-286.69	5.20	-4.54	-7.54
1,753.00	14.77	334.42	1,712.54	303.88	-85.13	-303.08	5.94	-5.65	-6.41
1,816.00	11.52	325.63	1,773.89	316.32	-92.15	-315.46	6.04	-5.16	-13.95
1,879.00	8.92	308.67	1,835.90	324.57	-99.52	-323.64	6.27	-4.13	-26.92
1,943.00	8.31	279.40	1,899.21	328.43	-107.96	-327.42	6.84	-0.95	-45.73
2,006.00	8.62	245.56	1,961.56	327.22	-116.75	-326.12	7.81	0.49	-53.71
2,069.00	10.33	214.89	2,023.74	320.63	-124.29	-319.46	8.34	2.71	-48.68
2,132.00	13.41	194.76	2,085.41	308.92	-129.38	-307.71	8.12	4.89	-31.95
2,195.00	17.89	186.33	2,146.06	292.23	-132.31	-290.99	7.96	7.11	-13.38
2,258.00	23.30	182.46	2,205.02	270.15	-133.92	-268.90	8.85	8.59	-6.14
2,321.00	28.75	181.93	2,261.61	242.53	-134.96	-241.28	8.66	8.65	-0.84
2,384.00	33.01	179.91	2,315.67	210.22	-135.45	-208.95	6.96	6.76	-3.21
2,447.00	38.11	179.73	2,366.90	173.59	-135.33	-172.33	8.10	8.10	-0.29
2,510.00	43.12	179.91	2,414.71	132.59	-135.20	-131.34	7.95	7.95	0.29
2,573.00	48.18	180.35	2,458.74	87.56	-135.31	-86.30	8.05	8.03	0.70
2,636.00	52.97	180.00	2,498.73	38.91	-135.45	-37.65	7.62	7.60	-0.56
2,699.00	57.54	179.03	2,534.63	-12.84	-135.00	14.09	7.36	7.25	-1.54
2,730.00	58.29	179.38	2,551.10	-39.11	-134.64	40.35	2.60	2.42	1.13
2,760.00	58.86	179.82	2,566.74	-64.70	-134.46	65.95	2.28	1.90	1.47
2,792.00	59.56	180.00	2,583.12	-92.19	-134.42	93.43	2.24	2.19	0.56
2,823.00	60.22	180.53	2,598.67	-119.01	-134.54	120.25	2.59	2.13	1.71
2,854.00	60.92	180.70	2,613.90	-146.01	-134.83	147.25	2.31	2.26	0.55
2,886.00	61.71	180.96	2,629.26	-174.08	-135.24	175.32	2.57	2.47	0.81
2,949.00	65.27	180.61	2,657.38	-230.44	-136.01	231.69	5.67	5.65	-0.56
3,012.00	67.78	179.03	2,682.47	-288.22	-135.82	289.46	4.60	3.98	-2.51
3,075.00	73.63	178.77	2,703.28	-347.64	-134.68	348.87	9.29	9.29	-0.41
3,136.00	79.08	178.24	2,717.67	-406.88	-133.13	408.09	8.97	8.93	-0.87
3,199.00	83.91	178.86	2,726.98	-469.15	-131.55	470.34	7.73	7.67	0.98
3,323.00	88.57	179.47	2,735.11	-592.83	-129.75	594.01	3.79	3.76	0.49
3,447.00	91.78	179.12	2,734.73	-716.81	-128.23	717.96	2.60	2.59	-0.28
3,573.00	90.81	179.82	2,731.88	-842.77	-127.06	843.90	0.95	-0.77	0.56
3,700.00	89.98	181.76	2,731.01	-969.74	-128.81	970.89	1.66	-0.65	1.53
3,847.00	89.85	182.28	2,731.23	-1,116.65	-134.00	1,117.84	0.36	-0.09	0.35
3,974.00	89.32	182.90	2,732.15	-1,243.52	-139.73	1,244.76	0.64	-0.42	0.49
4,100.00	88.88	181.93	2,734.12	-1,369.39	-145.04	1,370.67	0.85	-0.35	-0.77
4,226.00	89.01	181.76	2,736.44	-1,495.30	-149.10	1,496.62	0.17	0.10	-0.13
4,352.00	88.88	182.28	2,738.76	-1,621.20	-153.54	1,622.55	0.43	-0.10	0.41
4,474.00	88.48	179.47	2,741.58	-1,743.14	-155.40	1,744.50	2.33	-0.33	-2.30
4,600.00	88.75	180.70	2,744.62	-1,869.10	-155.59	1,870.46	1.00	0.21	0.98



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #10H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3497.00usft (Akita 57)
Site:	Lakewood Unit	MD Reference:	RKB = 20' @ 3497.00usft (Akita 57)
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)
4,726.00	89.85	179.21	2,746.16	-1,995.09	-155.49	1,996.44	1.47	0.87	-1.18
4,852.00	90.46	178.86	2,745.82	-2,121.07	-153.37	2,122.40	0.56	0.48	-0.28
4,978.00	90.59	179.03	2,744.67	-2,247.04	-151.05	2,248.34	0.17	0.10	0.13
5,103.00	90.37	178.77	2,743.62	-2,372.01	-148.65	2,373.29	0.27	-0.18	-0.21
5,228.00	90.59	179.03	2,742.57	-2,496.99	-146.25	2,498.23	0.27	0.18	0.21
5,355.00	90.95	180.17	2,740.86	-2,623.97	-145.36	2,625.20	0.94	0.28	0.90
5,480.00	91.47	180.79	2,738.22	-2,748.94	-146.41	2,750.17	0.65	0.42	0.50
5,605.00	90.37	180.61	2,736.22	-2,873.91	-147.94	2,875.15	0.89	-0.88	-0.14
5,731.00	90.24	180.53	2,735.55	-2,999.90	-149.19	3,001.15	0.12	-0.10	-0.06
5,857.00	90.77	180.53	2,734.44	-3,125.89	-150.35	3,127.15	0.42	0.42	0.00
5,981.00	91.56	181.23	2,731.92	-3,249.85	-152.26	3,251.12	0.85	0.64	0.56
6,105.00	90.15	181.05	2,730.06	-3,373.81	-154.73	3,375.09	1.15	-1.14	-0.15
6,225.00	89.19	179.56	2,730.76	-3,493.80	-155.36	3,495.09	1.48	-0.80	-1.24
6,345.00	89.36	180.26	2,732.27	-3,613.79	-155.18	3,615.07	0.60	0.14	0.58
6,468.00	90.73	180.53	2,732.18	-3,736.78	-156.02	3,738.06	1.14	1.11	0.22
6,589.00	88.53	181.32	2,732.96	-3,857.75	-157.98	3,859.05	1.93	-1.82	0.65
6,711.00	89.27	181.67	2,735.30	-3,979.69	-161.16	3,981.01	0.67	0.61	0.29
6,832.00	88.88	181.14	2,737.25	-4,100.64	-164.13	4,101.98	0.54	-0.32	-0.44
6,953.00	89.23	181.40	2,739.25	-4,221.59	-166.81	4,222.95	0.36	0.29	0.21
7,075.00	88.26	179.65	2,741.92	-4,343.55	-167.92	4,344.92	1.64	-0.80	-1.43
7,192.00	89.10	179.91	2,744.62	-4,460.52	-167.48	4,461.87	0.75	0.72	0.22
7,316.00	89.76	180.44	2,745.85	-4,584.51	-167.85	4,585.87	0.68	0.53	0.43
7,441.00	90.11	180.79	2,745.99	-4,709.50	-169.20	4,710.86	0.40	0.28	0.28
7,567.00	91.03	180.88	2,744.74	-4,835.48	-171.03	4,836.86	0.73	0.73	0.07
7,693.00	89.85	181.49	2,743.77	-4,961.45	-173.64	4,962.84	1.05	-0.94	0.48
7,819.00	90.73	182.11	2,743.13	-5,087.38	-177.60	5,088.81	0.85	0.70	0.49
7,945.00	90.37	180.53	2,741.92	-5,213.34	-180.50	5,214.78	1.29	-0.29	-1.25
8,071.00	91.38	180.70	2,740.00	-5,339.31	-181.85	5,340.77	0.81	0.80	0.13
8,197.00	89.14	178.68	2,739.43	-5,465.30	-181.17	5,466.74	2.39	-1.78	-1.60
8,323.00	90.29	178.59	2,740.06	-5,591.26	-178.17	5,592.67	0.92	0.91	-0.07
8,451.00	91.12	178.68	2,738.48	-5,719.21	-175.12	5,720.58	0.65	0.65	0.07
8,504.00	91.12	178.68	2,737.44	-5,772.19	-173.90	5,773.55	0.00	0.00	0.00
TD: Y= 585624.11 / X= 497969.80 - Projection to Bit: 8504.00' MD/ 2737.44' TVD - Final Station Closure Distance= 5774.8'									



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well #10H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3497.00usft (Akita 57)
Site:	Lakewood Unit	MD Reference:	RKB = 20' @ 3497.00usft (Akita 57)
Well:	#10H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

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
#10H FTP/ 100' FNL @ - survey misses target center by 0.01usft at 3294.86usft MD (2734.15 TVD, -564.71 N, -130.05 E) - Point	0.00	360.00	2,734.15	-564.70	-130.05	590,831.60	498,013.65	32.6241674	-104.4740546
#10H Final Bit Proj @ - survey hits target center - Point	0.00	360.00	2,737.44	-5,772.19	-173.90	585,624.12	497,969.80	32.6098533	-104.4741746
#10H LTP/ 100' FSL @ - survey misses target center by 4.66usft at 8451.00usft MD (2738.48 TVD, -5719.21 N, -175.12 E) - Point	0.00	360.00	2,738.39	-5,723.87	-175.01	585,672.43	497,968.69	32.6099861	-104.4741785

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,504.00	2,737.44	-5,772.19	-173.90	TD: Y= 585624.11 / X= 497969.80
8,504.00	2,737.44	-5,772.19	-173.90	Projection to Bit: 8504.00' MD/ 2737.44' TVD
8,504.00	2,737.44	-5,772.19	-173.90	Final Station Closure Distance= 5774.80 /Direction= 181.73
8,504.00	2,737.44	-5,772.19	-173.90	TD: Latitude= 32.6098533 / Longitude= -104.4741747

Checked By: _____ Approved By: _____ Date: _____



Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: Lakewood Unit
Well: #10H
Wellbore: Wellbore #1
Rig: Akita 57
Design: Plan #2 / 7:16, December 07 2020



WELL DETAILS: #10H

RKB = 20' @ 3497.00usft (Akita 57)

		3477.00			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	591396.30	498143.70	32.6257201	-104.4736346

SECTION DETAILS

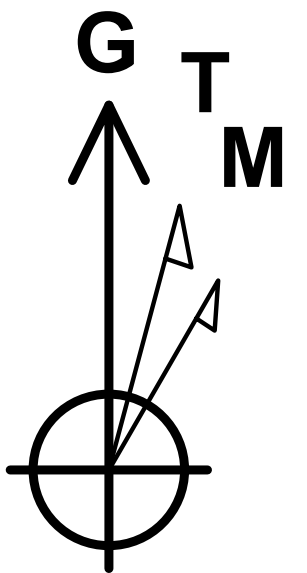
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00
3	1200.76	18.02	345.14	1185.99	135.75	-36.02	2.00	-135.41
4	1637.03	18.02	345.14	1600.87	266.16	-70.62	0.00	-265.50
5	2743.49	60.00	180.53	2553.24	-106.04	-127.89	7.00	107.21
6	2943.49	60.00	180.53	2653.24	-279.23	-129.48	0.00	280.42
7	3242.49	89.90	180.53	2730.00	-564.70	-132.10	10.00	565.90
8	8401.89	89.90	180.53	2739.00	-5723.87	-179.43	0.00	5725.29
9	8451.89	89.90	180.53	2739.09	-5773.88	-179.89	0.00	5775.29

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Lakewood 10H SHL: 465' FSL & 2305' FWL	0.00	0.00	0.00	591396.30	498143.70	32.6257201	-104.4736346
Lakewood 10H KOP: 731' FSL & 3011.5' FEL	1600.87	266.16	-70.62	591662.46	498073.08	32.6264514	-104.4738652
#10H FTP/ 100' FNL @ 3294.85' MD	2734.15	-564.70	-130.05	590831.60	498013.65	32.6241674	-104.4740546
#10H Final Bit Proj @ 8504' MD (52' FSL)	2737.44	-5772.19	-173.90	585624.11	497969.80	32.6098533	-104.4741747
#10H LTP/ 100' FSL @ 8455.66' MD	2738.39	-5723.87	-175.01	585672.43	497968.69	32.6099861	-104.4741785

CORRECTION REFERENCE DATA:

To convert a Magnetic Direction to a Grid Direction, Add 7.120°
To convert a True Direction to a Grid Direction, Add 0.076°
To convert a Magnetic Direction to a True Direction, Add 7.044° East
Magnetic Declination: 7.044°
Magnetic Dip Angle: 60.245°
Magnetic Field Strength: 47736.87266778nT



Azimuths to Grid North
True North: 0.08°
Magnetic North: 7.12°

Magnetic Field
Strength: 47736.9nT
Dip Angle: 60.24°
Date: 10/12/2020
Model: IGRF2015

TD: Latitude= 32.6098533 / Longitude= -104.4741747

Final Station Closure Distance= 5774.80 /Direction= 181.73

TD: Y= 585624.11 / X= 497969.80

#10H LTP/ 100' FSL @ 8455.66' MD

#10H Final Bit Proj @ 8504' MD (52' FSL)

#10H/Survey

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

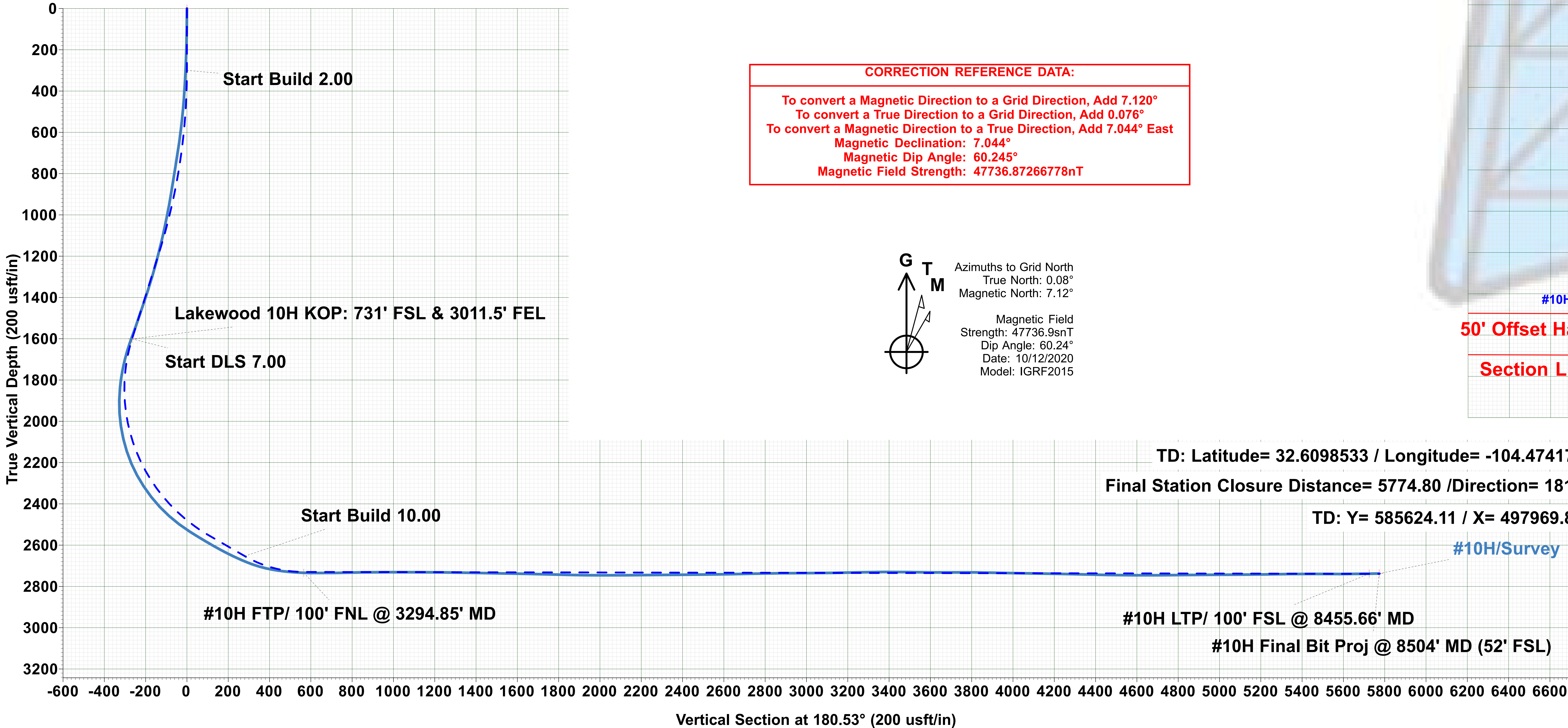
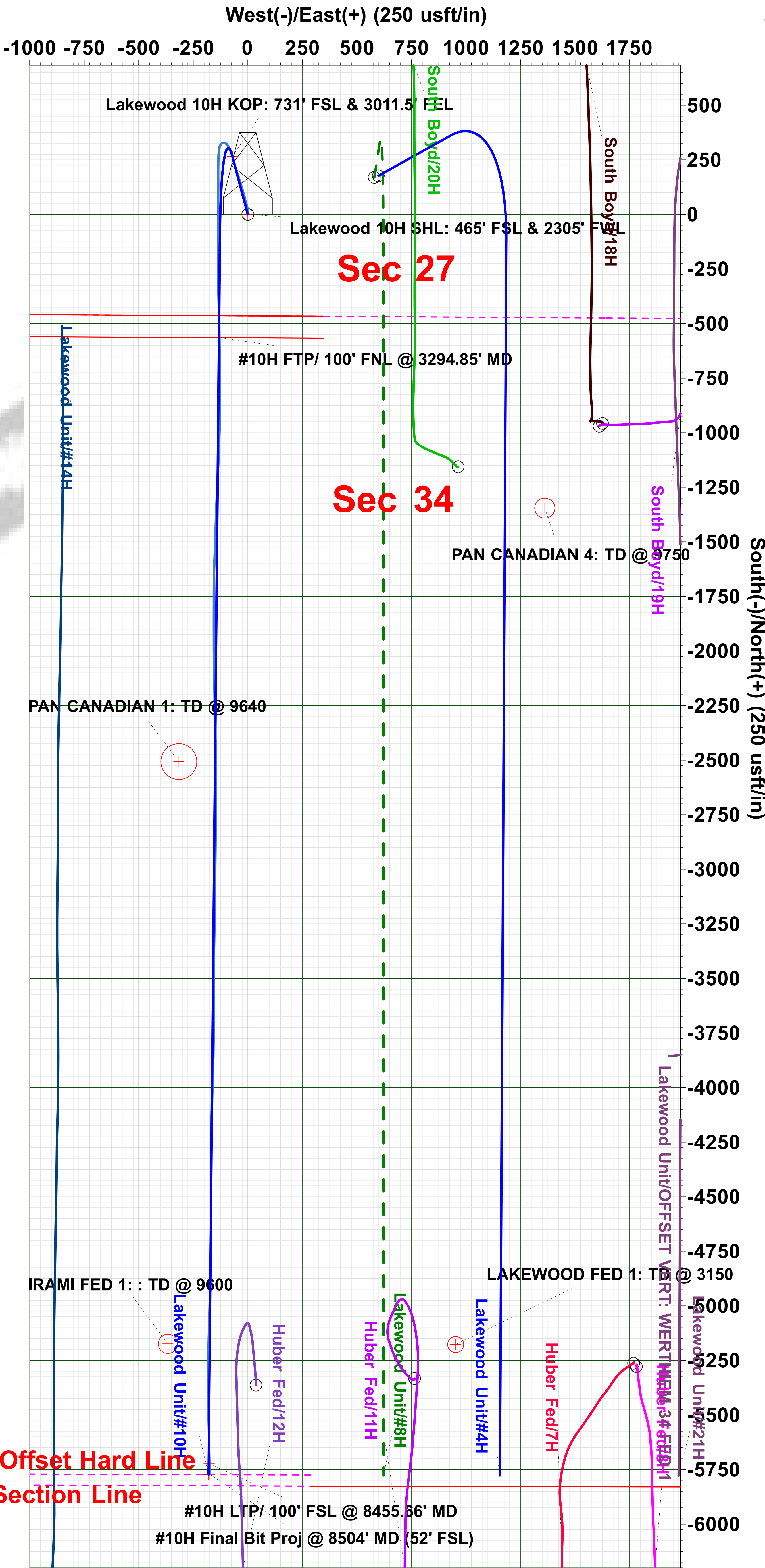
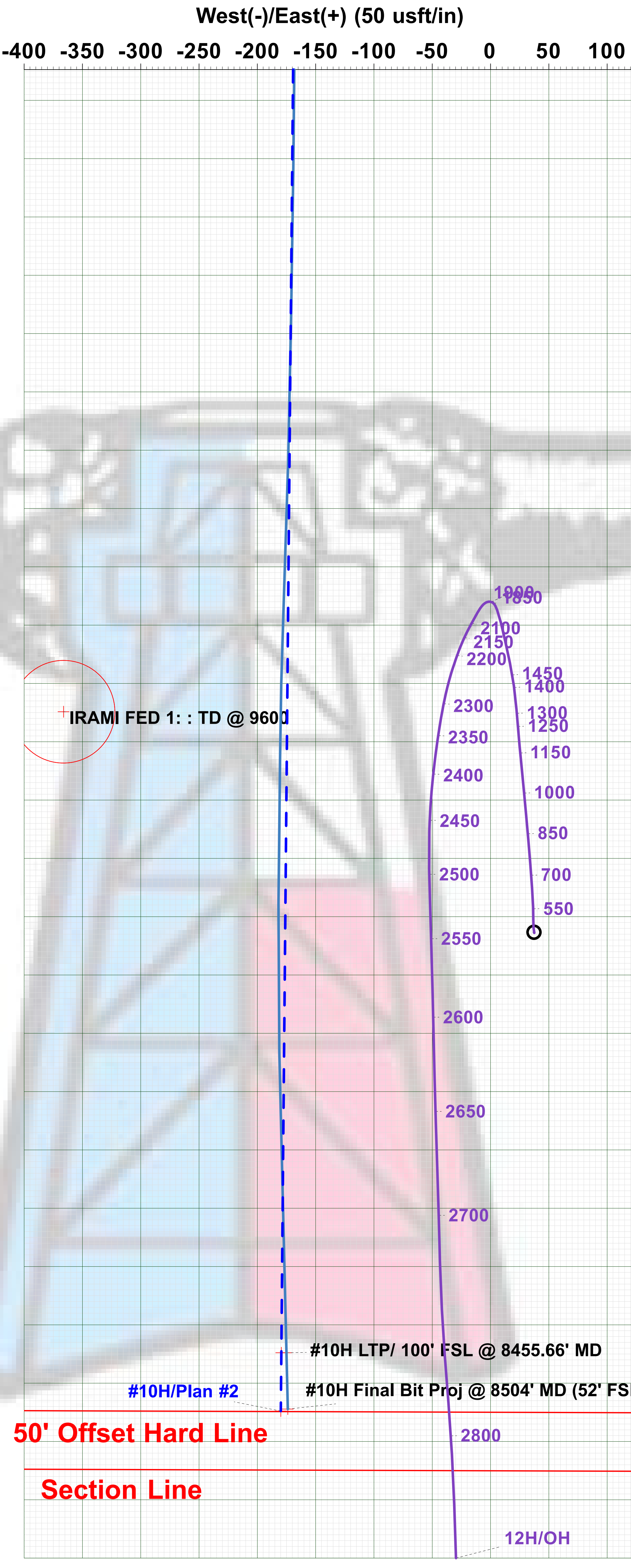
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

Disclaimer:

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

Plan: Plan #2 (#10H/Wellbore #1) Akita 57

Created By: Matthew May Date: 7:16, December 07 2020





I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **1/01/20** thru **12/07/20** conduct or supervise the taking of a **MWD Survey** from a depth of **167'** to a depth of **8504'**; 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 **Lakewood Fed Com 10H** API No. **30-015-45678** 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

Well Name: LAKEWOOD FEDERAL COM	Well Location: T19S / R25E / SEC 27 / SESW / 32.625719 / -104.4734	County or Parish/State: EDDY / NM
Well Number: 10H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0504364B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001545678	Well Status: Approved Application for Permit to Drill	Operator: PERCUSSION PETROLEUM OPERATING LLC

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 03/16/2021	Time Sundry Submitted: 01:22
Date Operation Actually Began: 03/07/2021	
Actual Procedure: RUPU 3/7/2021. RIH & cleanout to PBTD @ 8504'. Pressure test csg to 6000# for 30 minutes, good test. RIH & perf 8397-8225, 8191-8020, 7986-7815, 7781-7610, 7575-7404, 7370-7199, 7165-6994, 6959-6788, 6754-6583, 6549-6378, 6344-6172, 6138-5967, 5933-5762, 5728-5557, 5522-5351, 5317-5146, 5112-4941, 4906-4735, 4701-4530, 4496-4325, 4291-4119, 4085-3914, 3880-3709, 3675-3504, 3469-3298. Frac in 25 stages w/ 12797358gal slickwater and 522670# sand. 3/11/2021 rig down and cleanout.	

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: CHAPMAN	Signed on: MAR 16, 2021 01:22 PM
Name: PERCUSSION PETROLEUM OPERATING LLC	
Title: Regulatory Directory	
Street Address: 919 Milam Street, Suite 2475	
City: Houston	State: TX
Phone: (713) 589-2337	
Email address: NOT ENTERED	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

Received by OCD: 6/17/2021 8:43:26 AM

Page 11 of 14

Well Name: LAKEWOOD FEDERAL COM	Well Location: T19S / R25E / SEC 27 / SESW / 32.625719 / -104.4734	County or Parish/State: EDDY / NM
Well Number: 10H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0504364B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001545678	Well Status: Approved Application for Permit to Drill	Operator: PERCUSSION PETROLEUM OPERATING LLC

BLM Point of Contact

BLM POC Name: Jonathon W Shepard

BLM POC Phone: 5752345972

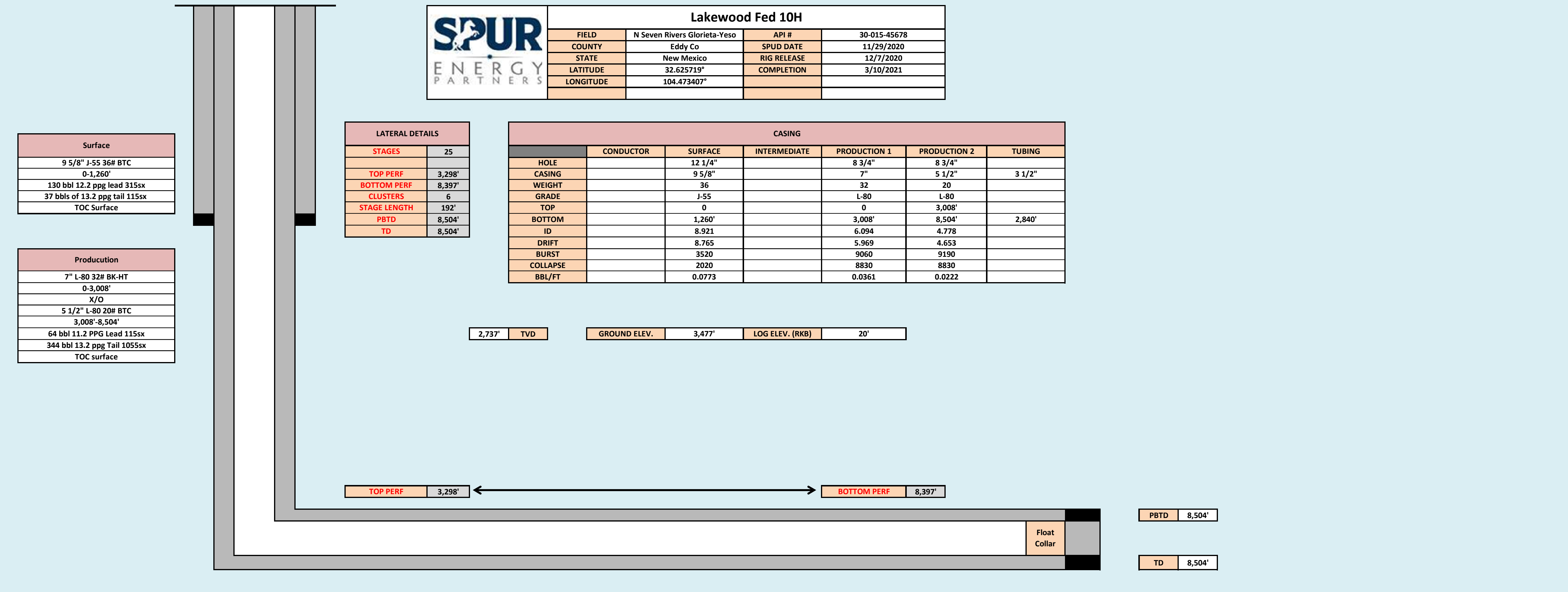
Disposition: Accepted

Signature: Jonathon Shepard

BLM POC Title: Petroleum Engineer

BLM POC Email Address: jshepard@blm.gov

Disposition Date: 03/19/2021



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 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 32476

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 32476
	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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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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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 32476

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 32476
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	Submit 3160-4 completion report within ten days of BLM approval.	8/16/2021