

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan
Grisham Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



08/21/2020

Operator Notice Regarding

C-104 Denial and Request for Information

30-015-46369 -SALT FLAT CC 20 29 FEDERAL COM #037H

OCD is providing notice to operators that it will deny your C-104 – *Request for Allowable and Authorization to Transport* if it fails to provide complete and accurate information, including:

Test Allowable, New Well and Recompleted Well

*Please review/amend attachment(s):
Mark C-104 NW, 'AMENDED REPORT'
Amend/Verify highlighted areas.*

- ☐ C-103 (or BLM equivalent) for all casing strings
 - ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☐ Production Casing or Liner
- ☐ Applicable Order (NSL, NSP, Other _____)
- ☐ Deviation Survey for Vertical Wells
- ☐ Directional Survey
- ☐ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

- ☐ C-103 Completion Sundry (or BLM equivalent)
- ☒ C-105 Completion Report (or BLM equivalent) *Missing BLM REVISED approval copy/review highlighted fields*
- ☐ All Logs Run on Well

The sale or transport of product without an approved C-104 violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC. OCD determines that your C-104 is incomplete or inaccurate, it will give you notice to resubmit your C-104 within 30 days. Failure to comply with this notice may result in enforcement action.

If you have any questions, please contact the local OCD District Office.

Once Complete, re-submit through e docs asap. Thank you.

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

Rec'd 05/09/2020 - NMOCD

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 OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710		² OGRID Number 16696
		³ Reason for Filing Code/ Effective Date NW /
⁴ API Number 30 - 015-46369	⁵ Pool Name PURPLE SAGE WOLFCAMP	⁶ Pool Code 98220
⁷ Property Code: 321601	⁸ Property Name: SALT FLAT CC 20-29 FEDERAL COM	⁹ Well Number: 37H

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	17	24S	29E		435	SOUTH	1765	WEST	EDDY

¹¹ Bottom Hole Location FTP- 265' FNL 2323' FWL LTP- 395' FSL 2293' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	29	24S	29E		218	SOUTH	2296	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 2/22/20	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

***NSL-7950**

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214754	LPC CRUDE OIL, INC.	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 10/20/19	²² Ready Date 2/15/20	²³ TD 20363'M 9990'V	²⁴ PBTD 20319'M 9990'V	²⁵ Perforations 10209-20185'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
17-1/2"	13-3/8"	500'		650	
9-7/8"	7-5/8"	9470'		2755	
6-3/4"	5-1/2"	9294'-20353'		806	
	Missing Tubing details here				

V. Well Test Data

³¹ Date New Oil 2/23/20	³² Gas Delivery Date 2/22/20	³³ Test Date 3/12/20	³⁴ Test Length 24 HRS.	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1421
³⁷ Choke Size 42/128	³⁸ Oil 5020	³⁹ Water 9516	⁴⁰ Gas 11096		⁴¹ Test Method F
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: 			OIL CONSERVATION DIVISION Approved by: DENIED		
Printed name: Jana Mendiola			Title:		
Title: Regulatory Specialist			Approval Date:		
E-mail Address: Janalyn_mendiola@oxy.com			Refer to page 1 of the attachments		
Date: 5/9/2020		Phone: 432-685-5936			

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

OCD-ARTESIA
REC'D: 5/09/2020 Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
(As-drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-46369	Pool Code 98220	Pool Name Purple Sage Wolfcamp
Property Code 321601	Property Name SALT FLAT CC "20_29" FEDERAL COM	Well Number 37H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 2935.5'

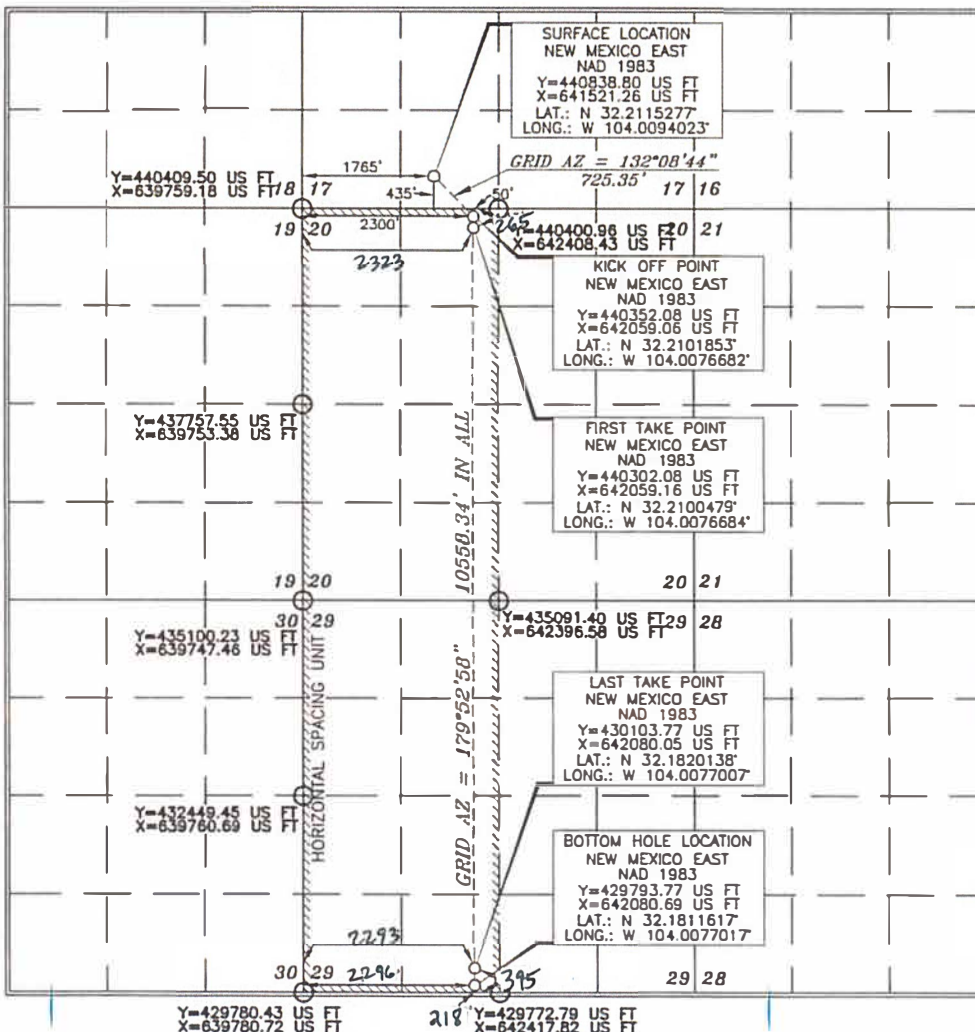
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	17	24 SOUTH	29 EAST, N.M.P.M.		435'	SOUTH	1765'	WEST	EDDY

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	29	24 SOUTH	29 EAST, N.M.P.M.		20' 218	SOUTH	2300' 2296	WEST	EDDY
Dedicated Acres 640	Joint or Infill Y	Consolidation Code	Order No. NSL-7950	FTP- 265 FNL 2323 FWL LTP- 345 FSL 2293 FWL					

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.



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] 2/12/2020
Signature Date
Jana Mendiola
Printed Name
janalyn_mendiola@oxy.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.

[Signature] 10/14/2019
Date of Survey
Professional Land Surveyor
Certificate Number 15079

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

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-I-120
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

January 3, 2020

Oxy USA Incorporated
5 Greenway Plaza, Suite 110
Houston, TX 77046

Re:

S17, T24S, R29E Eddy, NM
N 32.2115277 W -104.0094023

CLIENT: Oxy USA Incorporated
WELL: Salt Flat CC 20 29 Fed Com 37H
FIELD: Purple Sage Wolfcamp

RIG: H&P 556
COUNTY: Eddy
API NO: 30-015-46369
JOB NO: 19MLH0341

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation (P-5 No. 754900).

Other information required by your office is as follows.

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Cody Jacks FE	Salt Flat CC 20 29 Fed Com 37H Original Hole	571.00 Ft to 20338.00 Ft	November 25, 2019 to December 8, 2019	Extreme 3rd Party Corrected

Schlumberger Drilling and Measurements

Drilling Group

Geo Market Area: South West Texas Basin

7220 W I-H 20

Midland, Texas 79706

Phone : (432) 742-5400 (Main)

Fax : (432) 742-5606 (Shared)

Schlumberger**Well Reference:**

S17, T24S, R29E Eddy, NM

N 32.049055 W -103.649529

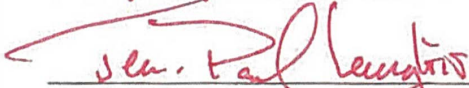
I, Cody Jacks certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of November 25, 2019 through December 08, 2019, conduct or supervise the taking of the Extreme & 3rd Party Corrected surveys from a depth of 571.00 feet to a depth of 20338.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Oxy USA Incorporated for the Salt Flat CC 20 29 Fed Com 37H Well (Original Hole) API No. 30-015-46369 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By
Cody Jacks
FE



Subscribed and Sworn to before me this 3 day of January (month) 2020 (yr)

My Commission expires:

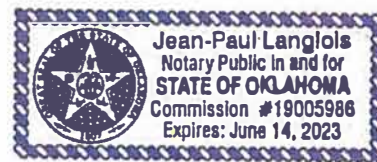
6/14/23

Notary Public

(signature)

Comanche, Oklahoma

(County State)



Schlumberger

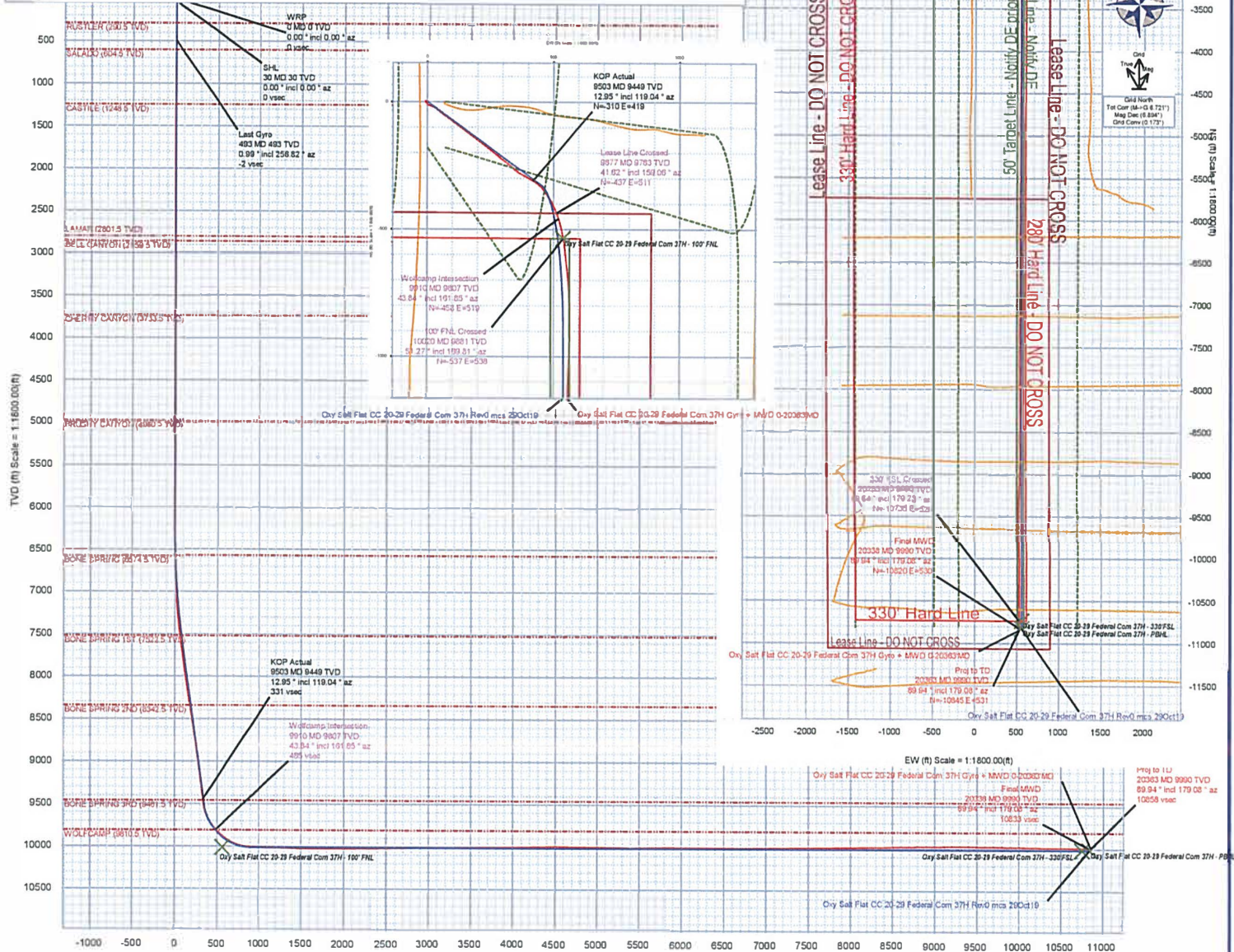
OXY



Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Salt Flat CC 20-29 Federal Com 37H	NM Eddy County (NAD 83)	Oxy Salt Flat CC 20-29 Federal Com 37H

Gravity & Magnetic Parameters				Surface Location				Miscellaneous			
Model:	IFR1	Dip:	88.921°	Date:	23-Nov-2018	NAD83 New Mexico State Plane, Eastern Zone, US Feet		Oxy Salt Flat CC 20-29 Federal Com 37H	TVD Ref:	RKB=30'(2965.5ft above MSL)	
MagDec:	8.894°	FS:	47852.2nT	Gravity FS:	998.486mgn (9.80665 Based)	Lat: N 32 12 41.50	Northing: 440838.97US	Grid Conv:	0.1727°		
						Lon: W 104 0 33.86	Eastng: 641861.28US	Scale Fact:	0.89992089	Plan:	Oxy Salt Flat CC 20-29 Federal Com 37H Gyro + MWD 0-20363MD

Critical Points									
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)S(-)	E(+)W(-)	DLS	
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SHL	30.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	
Last Gyro	493.00	0.99	256.82	492.97	-1.51	1.25	-5.04	1.16	
KOP Actual	9503.00	12.95	119.04	9449.47	331.21	-310.08	418.65	1.03	
Lease Line Crossed	9877.00	41.62	159.06	9782.52	462.84	-437.12	511.30	10.74	
Wolfcamp Intersection	9910.37	43.84	161.85	9807.00	484.56	-458.48	518.88	8.44	
100' FNL Crossed	10020.00	51.27	169.81	9881.09	563.72	-536.74	538.33	8.92	
Enter Target Box	10305.00	79.37	178.12	10000.45	818.86	-790.93	563.38	12.39	
Enter Target Box	10457.00	87.93	181.16	10012.48	970.04	-942.29	563.71	1.22	
330' FSL Crossed	20253.00	89.64	179.23	9989.76	10748.36	-10735.36	529.02	0.40	
Final MWD	20338.00	89.94	179.08	9990.08	10833.30	-10820.35	530.28	0.40	
Proj to TD	20363.00	89.94	179.08	9990.10	10858.29	-10845.35	530.68	0.00	



Vertical Section (V) Azim = 177.05° Scale = 1:1800.00(ft) Origin = ON-S, 0E/W

Oxy Salt Flat CC 20-29 Federal Com 37H Gyro + MWD 0-20363'MD Survey Geodetic Report (Def Survey)



Report Date:	December 09, 2019 - 12:00 PM	Survey / DLS Computation:	Minimum Curvature / Lubinski
Client:	OXY	Vertical Section Azimuth:	177.051 ° (Grid North)
Field:	NM Eddy County (NAD 83)	Vertical Section Origin:	0.000 ft, 0.000 ft
Structure / Slot:	Oxy Salt Flat CC 20-29 Federal Com 37H / Oxy Salt Flat CC 20-29 Federal Com 37H	TVD Reference Datum:	RKB=30'
Well:	Oxy Salt Flat CC 20-29 Federal Com 37H	TVD Reference Elevation:	2965.500 ft above MSL
Borehole:	Original Borehole	Seabed / Ground Elevation:	2935.500 ft above MSL
UWI / API #:	Unknown / 30-015-46369	Magnetic Declination:	6.894 °
Survey Name:	Oxy Salt Flat CC 20-29 Federal Com 37H Gyro + MWD 0-20363'MD	Total Gravity Field Strength:	998.4675mgN (9.80665 Based)
Survey Date:	November 19, 2019	Gravity Model:	GARM
Tort / AHD / DDI / ERD Ratio:	249.243 ° / 11129.036 ft / 6.751 / 1.110	Total Magnetic Field Strength:	47852.200 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	Magnetic Dip Angle:	59.921 °
Location Lat / Long:	N 32° 12' 41.49971", W 104° 0' 33.84840"	Declination Date:	November 23, 2019
Location Grid N/E Y/X:	N 440838.800 ftUS, E 641521.260 ftUS	Magnetic Declination Model:	IFR1
CRS Grid Convergence Angle:	0.1727 °	North Reference:	Grid North
Grid Scale Factor:	0.99992059	Grid Convergence Used:	0.1727 °
Version / Patch:	2.10.782.0	Total Corr Mag North → Grid North:	6.7213 °
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	440838.80	641521.26	N 32 12 41.50 W 104	0 33 85
SHL	30.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	440838.80	641521.26	N 32 12 41.50 W 104	0 33 85
	117.20	0.64	267.46	117.20	0.00	-0.02	-0.49	0.73	440838.78	641520.77	N 32 12 41.50 W 104	0 33 85
	200.00	0.59	312.13	199.99	-0.31	0.24	-1.26	0.57	440839.04	641520.00	N 32 12 41.50 W 104	0 33 86
	285.90	0.84	297.46	285.89	-0.94	0.83	-2.15	0.36	440839.83	641519.11	N 32 12 41.51 W 104	0 33 87
	380.50	0.73	277.49	380.48	-1.40	1.23	-3.36	0.31	440840.03	641517.90	N 32 12 41.51 W 104	0 33 89
	475.00	0.94	268.84	474.97	-1.53	1.29	-4.74	0.26	440840.09	641516.52	N 32 12 41.51 W 104	0 33 90
Last Gyro	493.00	0.99	256.82	492.97	-1.51	1.25	-5.04	1.16	440840.05	641516.23	N 32 12 41.51 W 104	0 33 91
	571.00	0.13	318.58	570.96	-1.46	1.17	-5.75	1.20	440839.97	641515.51	N 32 12 41.51 W 104	0 33 92
	659.00	0.15	253.27	658.96	-1.51	1.21	-5.93	0.17	440840.01	641515.33	N 32 12 41.51 W 104	0 33 92
	747.00	0.15	319.50	746.96	-1.58	1.26	-6.11	0.19	440840.06	641515.15	N 32 12 41.51 W 104	0 33 92
	839.00	0.17	332.29	838.96	-1.79	1.47	-6.25	0.04	440840.27	641515.01	N 32 12 41.51 W 104	0 33 92
	929.00	0.16	212.35	928.96	-1.81	1.49	-6.38	0.32	440840.29	641514.88	N 32 12 41.51 W 104	0 33 92
	1020.00	0.19	67.07	1019.96	-1.76	1.44	-6.31	0.37	440840.24	641514.95	N 32 12 41.51 W 104	0 33 92
	1111.00	0.02	190.29	1110.96	-1.80	1.48	-6.18	0.22	440840.28	641515.09	N 32 12 41.51 W 104	0 33 92
	1202.00	2.49	334.30	1201.93	-3.60	3.25	-7.04	2.75	440842.05	641514.23	N 32 12 41.53 W 104	0 33 93
	1293.00	0.14	317.25	1292.90	-5.51	5.11	-7.97	2.59	440843.91	641513.29	N 32 12 41.55 W 104	0 33 94
	1385.00	0.09	346.18	1384.90	-5.67	5.26	-8.06	0.08	440844.06	641513.20	N 32 12 41.55 W 104	0 33 94
	1475.00	0.16	293.82	1474.90	-5.80	5.38	-8.19	0.14	440844.18	641513.07	N 32 12 41.55 W 104	0 33 94
	1566.00	0.18	323.31	1565.90	-5.97	5.55	-8.40	0.10	440844.35	641512.87	N 32 12 41.55 W 104	0 33 95
	1658.00	0.19	173.34	1657.90	-5.94	5.51	-8.46	0.39	440844.31	641512.80	N 32 12 41.55 W 104	0 33 95
	1752.00	0.06	178.91	1751.90	-5.74	5.31	-8.44	0.14	440844.11	641512.82	N 32 12 41.55 W 104	0 33 95
	1847.00	0.15	296.57	1846.90	-5.75	5.31	-8.56	0.20	440844.11	641512.71	N 32 12 41.55 W 104	0 33 95
	1941.00	0.15	326.00	1940.90	-5.91	5.47	-8.73	0.08	440844.27	641512.53	N 32 12 41.55 W 104	0 33 95
	2036.00	0.14	2.40	2035.90	-6.14	5.69	-8.80	0.10	440844.49	641512.46	N 32 12 41.56 W 104	0 33 95
	2131.00	0.19	198.34	2130.90	-8.10	5.66	-8.84	0.34	440844.46	641512.42	N 32 12 41.56 W 104	0 33 95
	2225.00	0.09	175.51	2224.90	-5.89	5.44	-8.89	0.12	440844.24	641512.37	N 32 12 41.55 W 104	0 33 95
	2320.00	0.15	117.18	2319.90	-5.75	5.30	-8.77	0.13	440844.10	641512.49	N 32 12 41.55 W 104	0 33 95
	2414.00	0.12	208.32	2413.90	-5.60	5.16	-8.71	0.21	440843.96	641512.55	N 32 12 41.55 W 104	0 33 95
	2509.00	0.16	184.48	2508.90	-5.39	4.94	-8.76	0.07	440843.74	641512.50	N 32 12 41.55 W 104	0 33 95
	2603.00	0.02	81.61	2602.90	-5.26	4.81	-8.75	0.18	440843.61	641512.50	N 32 12 41.55 W 104	0 33 95
	2698.00	0.14	210.86	2697.90	-5.16	4.72	-8.80	0.16	440843.52	641512.46	N 32 12 41.55 W 104	0 33 95
	2793.00	0.02	72.57	2792.90	-5.07	4.62	-8.85	0.16	440843.42	641512.41	N 32 12 41.55 W 104	0 33 95
	2887.00	0.08	14.91	2886.90	-5.14	4.69	-8.81	0.08	440843.49	641512.45	N 32 12 41.55 W 104	0 33 95
	2982.00	0.08	62.19	2981.90	-5.23	4.78	-8.74	0.07	440843.58	641512.52	N 32 12 41.55 W 104	0 33 95
	3077.00	0.07	298.76	3076.90	-5.29	4.84	-8.73	0.14	440843.64	641512.53	N 32 12 41.55 W 104	0 33 95
	3171.00	0.04	30.18	3170.90	-5.34	4.90	-8.76	0.09	440843.70	641512.50	N 32 12 41.55 W 104	0 33 95
	3266.00	0.09	51.79	3265.90	-5.41	4.97	-8.69	0.06	440843.77	641512.57	N 32 12 41.55 W 104	0 33 95
	3361.00	0.14	333.59	3360.90	-5.56	5.12	-8.68	0.16	440843.92	641512.58	N 32 12 41.55 W 104	0 33 95
	3456.00	0.10	246.71	3455.90	-5.64	5.20	-8.81	0.18	440844.00	641512.45	N 32 12 41.55 W 104	0 33 95
	3551.00	0.09	233.18	3550.90	-5.57	5.12	-8.94	0.03	440843.92	641512.32	N 32 12 41.55 W 104	0 33 95
	3645.00	0.09	45.33	3644.90	-5.58	5.13	-8.95	0.19	440843.93	641512.31	N 32 12 41.55 W 104	0 33 95
	3740.00	0.10	211.75	3739.90	-5.58	5.11	-8.94	0.20	440843.91	641512.32	N 32 12 41.55 W 104	0 33 95
	3835.00	0.09	151.08	3834.90	-5.43	4.97	-8.95	0.10	440843.77	641512.31	N 32 12 41.55 W 104	0 33 95
	3929.00	0.13	221.28	3928.90	-5.28	4.83	-8.98	0.14	440843.63	641512.28	N 32 12 41.55 W 104	0 33 95
	4024.00	0.15	170.94	4023.90	-5.08	4.62	-9.04	0.13	440843.42	641512.22	N 32 12 41.55 W 104	0 33 95
	4119.00	0.12	342.40	4118.90	-5.05	4.60	-9.05	0.28	440843.40	641512.21	N 32 12 41.55 W 104	0 33 95
	4214.00	0.10	7.93	4213.90	-5.23	4.77	-9.06	0.06	440843.57	641512.20	N 32 12 41.55 W 104	0 33 95
	4308.00	0.16	248.73	4307.90	-5.27	4.81	-9.18	0.24	440843.61	641512.08	N 32 12 41.55 W 104	0 33 96
	4403.00	0.13	273.69	4402.90	-5.24	4.77	-9.41	0.07	440843.56	641511.85	N 32 12 41.55 W 104	0 33 96
	4498.00	0.08	193.95	4497.90	-5.19	4.71	-9.53	0.15	440843.51	641511.73	N 32 12 41.55 W 104	0 33 96
	4592.00	0.13	230.05	4591.90	-5.06	4.58	-9.63	0.09	440843.38	641511.63	N 32 12 41.55 W 104	0 33 96
	4687.00	0.08	335.38	4686.90	-5.06	4.57	-9.74	0.18	440843.37	641511.52	N 32 12 41.55 W 104	0 33 96
	4782.00	0.13	230.77	4781.90	-5.06	4.56	-9.85	0.18	440843.36	641511.41	N 32 12 41.55 W 104	0 33 96
	4876.00	0.12	46.01	4875.90	-5.06	4.56	-9.86	0.27	440843.36	641511.40	N 32 12 41.55 W 104	0 33 96
	4971.00	0.13	141.80	4970.90	-5.04	4.54	-9.72	0.20	440843.34	641511.54	N 32 12 41.54 W 104	0 33 96
	5066.00	0.10	205.66	5065.90	-4.88	4.38	-9.89	0.13	440843.18	641511.57	N 32 12 41.54 W 104	0 33 96
	5160.00	0.10	139.86	5159.90	-4.74	4.25	-9.68	0.12	440843.05	641511.59	N 32 12 41.54 W 104	0 33 96
	5255.00	0.13	206.16	5254.90	-4.58	4.09	-9.87	0.14	440842.89	641511.59	N 32 12 41.54 W 104	0 33 96
	5350.00	0.09	51.64	5349.90	-4.53	4.04	-9.66	0.23	440842.84	641511.60	N 32 12 41.54 W 104	0 33 96
	5444.00	0.09	107.37	5443.90	-4.55	4.06	-9.53	0.09	440842.86	641511.73	N 32 12 41.54 W 104	0 33 96
	5539.00	0.09	146.89	5538.90	-4.46	3.98	-9.42	0.06	440842.78	641511.84	N 32 12 41.54 W 104	0 33 96
	5633.00	0.11	341.27	5632.90	-4.48	4.00	-9.41	0.21	440842.80	641511.85	N 32 12 41.54 W 104	0 33 96
	5728.00	0.11	29.24	5727.89	-4.64	4.17	-9.39	0.09	440842.97	641511.87	N 32 12 41.54 W 104	0 33 96
	5823.00	0.11	249.99	5822.89	-4.69	4.21	-9.43	0.22	440843.01	641511.83	N 32 12 41.54 W 104	0 33 96
	5917.00	0.10	17.54	5916.89	-4.74	4.26	-9.49	0.20	440843.06	641511.77	N 32 12 41.54 W 104	0 33 96
	6012.00	0.11	68.48	6011.89	-4.85	4.37	-9.38	0.10	440843.17	641511.88	N 32 12 41.54 W 104	0 33 96
	6106.00	0.10	69.28	6105.89	-4.90	4.44	-9.22	0.01	440843.24	641512.04	N 32 12 41.54 W 104	0 33 96
	6201.00	0.08	112.08	6200.89	-4.90	4.44	-9.08	0.07	440843.24	641512.18	N 32 12 41.54 W 104	0 33 95
	6296.00	0.41	154.89	6295.89	-4.56	4.11	-8.88	0.37	440842.91	641512.38	N 32 12 41.54 W 104	0 33 95
	6390.00	1.62	163.92	6389.88	-2.95	2.53	-8.37	1.29	440841.33	641512.89	N 32 12 41.52 W 104	0 33 95
	6485.00	2.85	156.69	6484.81	0.41	-0.78	-7.13	1.12	440838.02	641514.14	N 32 12 41.49 W 104	0 33 93

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N+17°)	Longitude (E+117°)
	7052.00	4.21	106.47	7050.83	19.52	-18.58	18.72	0.34	440820.22	641539.98	N 32 12 41.32 W 104	0 33.83
	7147.00	6.22	118.27	7145.43	23.35	-22.01	26.60	2.39	440816.79	641547.85	N 32 12 41.28 W 104	0 33.54
	7241.00	7.98	125.37	7238.71	30.03	-28.20	36.40	2.09	440810.60	641557.66	N 32 12 41.22 W 104	0 33.43
	7336.00	8.42	129.03	7332.74	38.78	-36.40	47.18	0.72	440802.41	641568.44	N 32 12 41.14 W 104	0 33.30
	7431.00	9.57	128.03	7426.57	48.61	-45.64	58.81	1.22	440793.16	641580.06	N 32 12 41.05 W 104	0 33.17
	7525.00	11.97	126.25	7518.91	59.89	-56.22	72.83	2.58	440782.58	641594.08	N 32 12 40.94 W 104	0 33.00
	7620.00	12.48	126.72	7611.75	72.67	-68.18	89.00	0.55	440770.62	641610.25	N 32 12 40.82 W 104	0 32.81
	7714.00	12.45	127.44	7703.54	85.72	-80.42	105.18	0.17	440758.39	641626.44	N 32 12 40.70 W 104	0 32.63
	7809.00	12.58	127.68	7796.28	99.09	-92.97	121.50	0.15	440745.84	641642.75	N 32 12 40.58 W 104	0 32.44
	7904.00	13.35	126.22	7888.86	112.76	-105.77	138.54	0.88	440733.04	641659.79	N 32 12 40.45 W 104	0 32.24
	7998.00	13.24	125.05	7980.34	126.24	-118.36	156.11	0.31	440720.45	641677.35	N 32 12 40.32 W 104	0 32.04
	8093.00	13.36	126.63	8072.79	139.93	-131.16	173.82	0.40	440707.65	641695.07	N 32 12 40.20 W 104	0 31.83
	8187.00	12.97	127.12	8164.32	153.64	-144.01	190.95	0.43	440694.81	641712.19	N 32 12 40.07 W 104	0 31.63
	8282.00	12.83	128.87	8256.92	167.53	-157.06	207.66	0.44	440681.75	641728.90	N 32 12 39.94 W 104	0 31.44
	8376.00	13.45	127.63	8348.46	181.60	-170.28	224.45	0.72	440668.53	641745.69	N 32 12 39.81 W 104	0 31.24
	8471.00	13.50	126.60	8440.85	195.85	-183.64	242.10	0.26	440655.17	641763.34	N 32 12 39.68 W 104	0 31.04
	8565.00	13.26	127.10	8532.30	209.77	-196.69	259.50	0.28	440642.13	641780.74	N 32 12 39.55 W 104	0 30.83
	8660.00	12.89	129.41	8624.83	223.92	-209.99	276.38	0.67	440628.83	641797.62	N 32 12 39.41 W 104	0 30.64
	8755.00	13.16	128.40	8717.39	238.21	-223.43	293.04	0.37	440615.39	641814.28	N 32 12 39.28 W 104	0 30.45
	8849.00	11.58	125.28	8809.20	251.12	-235.53	309.13	1.82	440603.29	641830.37	N 32 12 39.16 W 104	0 30.26
	8944.00	10.57	127.84	8902.43	262.71	-246.38	323.80	1.18	440592.44	641845.03	N 32 12 39.05 W 104	0 30.09
	9039.00	10.60	133.70	8995.82	274.76	-257.76	337.00	1.13	440581.06	641858.23	N 32 12 38.94 W 104	0 29.94
	9133.00	11.81	129.45	9088.03	287.53	-269.85	350.68	1.56	440568.97	641871.91	N 32 12 38.82 W 104	0 29.78
	9228.00	12.22	121.00	9180.96	299.70	-281.20	366.80	1.90	440557.62	641888.03	N 32 12 38.71 W 104	0 29.59
	9322.00	12.32	118.43	9272.81	310.48	-291.10	384.15	0.59	440547.72	641905.38	N 32 12 38.61 W 104	0 29.39
	9417.00	12.64	118.46	9365.56	321.17	-300.88	402.20	0.34	440537.94	641923.43	N 32 12 38.51 W 104	0 29.18
	9460.00	12.53	119.68	9407.53	326.14	-305.43	410.39	0.67	440533.39	641931.61	N 32 12 38.47 W 104	0 29.08
	9503.00	12.95	119.04	9449.47	331.21	-310.08	418.65	1.03	440528.74	641939.88	N 32 12 38.42 W 104	0 28.99
	9598.00	16.57	128.83	9541.34	345.88	-323.75	438.52	4.61	440515.08	641959.75	N 32 12 38.28 W 104	0 28.76
	9693.00	26.15	141.36	9629.75	371.98	-348.66	462.21	11.12	440490.16	641983.44	N 32 12 38.04 W 104	0 28.48
	9787.00	33.62	150.13	9711.23	412.08	-387.48	488.16	9.19	440451.35	642009.38	N 32 12 37.65 W 104	0 28.18
Lease Line Crossed	9877.00	41.62	159.06	9782.52	462.84	-437.12	511.30	10.74	440401.72	642032.52	N 32 12 37.18 W 104	0 27.91
	9882.00	42.08	159.47	9786.24	466.02	-440.24	512.48	10.74	440398.60	642033.70	N 32 12 37.13 W 104	0 27.90
Wolfcamp Intersection	9910.37	43.64	161.65	9807.00	484.56	-458.48	518.86	8.44	440380.38	642040.10	N 32 12 36.95 W 104	0 27.83
100' FNL Crossed	9977.00	48.16	166.87	9853.29	531.30	-504.62	531.72	8.44	440334.22	642052.93	N 32 12 36.49 W 104	0 27.68
	10020.00	51.27	169.81	9881.09	563.72	-536.74	538.33	8.92	440302.11	642059.54	N 32 12 36.17 W 104	0 27.60
	10072.00	55.13	173.03	9912.24	605.14	-577.90	544.51	8.92	440260.95	642065.72	N 32 12 35.77 W 104	0 27.53
	10166.00	66.14	174.04	9958.27	686.79	-659.18	553.68	11.75	440179.68	642074.89	N 32 12 34.96 W 104	0 27.43
Exit Target Box	10261.00	74.26	176.17	9990.42	776.04	-748.16	561.26	8.80	440090.70	642082.47	N 32 12 34.08 W 104	0 27.34
	10305.00	79.37	176.12	10000.45	818.86	-790.93	563.38	12.39	440047.93	642064.60	N 32 12 33.66 W 104	0 27.32
	10356.00	85.31	180.31	10007.25	869.35	-841.44	564.06	12.39	439997.42	642085.28	N 32 12 33.16 W 104	0 27.31
	10426.00	87.96	179.81	10011.36	939.12	-911.32	563.99	3.85	439927.56	642085.21	N 32 12 32.47 W 104	0 27.32
	10455.00	87.91	181.14	10012.40	968.05	-940.30	563.75	4.59	439898.58	642084.97	N 32 12 32.18 W 104	0 27.32
Enter Target Box	10457.00	67.93	181.16	10012.48	970.04	-942.29	563.71	1.22	439898.58	642084.93	N 32 12 32.18 W 104	0 27.32
	10546.00	88.72	181.90	10015.08	1058.73	-1031.22	561.34	1.22	439807.66	642082.55	N 32 12 31.28 W 104	0 27.35
	10637.00	89.68	182.55	10016.35	1149.35	-1122.14	557.81	1.27	439716.75	642079.02	N 32 12 30.38 W 104	0 27.40
	10729.00	88.76	184.87	10017.60	1240.72	-1213.94	551.85	2.71	439624.96	642073.07	N 32 12 29.47 W 104	0 27.47
	10821.00	87.85	186.27	10020.32	1331.66	-1305.46	542.93	1.81	439533.45	642064.15	N 32 12 28.57 W 104	0 27.58
	10912.00	88.25	180.87	10023.42	1421.98	-1396.20	537.27	5.95	439442.72	642058.49	N 32 12 27.67 W 104	0 27.64
	11003.00	89.45	180.68	10025.25	1512.77	-1487.17	536.04	1.34	439351.75	642057.25	N 32 12 26.77 W 104	0 27.66
	11095.00	89.29	180.04	10026.26	1604.61	-1579.16	535.46	0.72	439259.77	642056.68	N 32 12 25.86 W 104	0 27.67
	11188.00	91.23	180.88	10025.84	1697.44	-1672.15	534.71	2.27	439169.79	642055.93	N 32 12 24.94 W 104	0 27.68
	11281.00	89.34	179.87	10025.38	1790.28	-1765.14	534.11	2.30	439073.80	642055.32	N 32 12 24.02 W 104	0 27.69
	11374.00	90.84	181.54	10025.23	1883.08	-1858.13	532.96	2.41	438980.82	642054.18	N 32 12 23.10 W 104	0 27.71
	11467.00	89.99	180.84	10024.56	1975.84	-1951.10	531.03	1.18	438887.85	642052.25	N 32 12 22.18 W 104	0 27.74
	11562.00	90.30	180.12	10024.32	2070.67	-2046.10	530.23	0.83	438792.87	642051.45	N 32 12 21.24 W 104	0 27.75
	11656.00	90.69	179.39	10023.50	2164.56	-2140.09	530.64	0.88	438698.88	642051.85	N 32 12 20.31 W 104	0 27.75
	11751.00	90.16	179.05	10022.80	2259.49	-2235.08	531.93	0.66	438603.90	642053.15	N 32 12 19.37 W 104	0 27.74
	11845.00	91.12	179.91	10021.75	2353.39	-2329.07	532.78	1.37	438509.92	642054.00	N 32 12 18.44 W 104	0 27.73
	11940.00	90.47	177.93	10020.43	2448.33	-2424.04	534.57	2.19	438414.96	642055.79	N 32 12 17.50 W 104	0 27.71
	12035.00	92.30	179.76	10018.13	2543.25	-2518.98	536.49	2.72	438320.02	642057.70	N 32 12 16.56 W 104	0 27.69
	12129.00	90.52	179.61	10015.82	2637.12	-2612.95	537.00	1.90	438226.06	642058.22	N 32 12 15.63 W 104	0 27.69
	12224.00	90.57	178.52	10014.92	2732.05	-2707.93	538.55	1.15	438131.09	642059.77	N 32 12 14.69 W 104	0 27.68
	12319.00	90.72	177.82	10013.85	2827.03	-2802.88	541.59	0.75	438036.15	642062.80	N 32 12 13.75 W 104	0 27.64
	12508.00	89.99	179.67	10012.68	3015.93	-2991.82	545.73	1.05	437847.22	642066.94	N 32 12 11.88 W 104	0 27.60
	12603.00	90.28	182.60	10012.45	3110.68	-3086.79	543.85	3.10	437752.26	642065.06	N 32 12 10.94 W 104	0 27.63
	12698.00	89.85	181.62	10012.35	3205.31	-3181.72	540.35	1.13	437657.34	642061.56	N 32 12 10.00 W 104	0 27.67
	12793.00	90.46	181.09	10012.09	3300.04	-3276.70	538.10	0.85	437562.37	642059.32	N 32 12 9.06 W 104	0 27.70
	12887.00	90.97	178.01	10010.92	3393.93	-3370.67	538.84	3.32	437468.40	642060.06	N 32 12 8.13 W 104	0 27.70
	12982.00	90.51	179.93	10009.69	3488.86	-3465.65	540.55	2.08	437373.44	642061.76	N 32 12 7.19 W 104	0 27.68
	13077.00	91.03	180.96	10008.41	3583.69	-3560.63	539.81	1.21	437278.46	642061.02	N 32 12 6.25 W 104	0 27.69
	13172.00	90.46	179.70	10007.18	3678.52	-3655.62	539.26	1.46	437183.48	642060.48	N 32 12 5.31 W 104	0 27.70
	13266.00	90.21	180.51	10006.63	3772.39	-3749.62	539.09	0.90	437089.49	642060.31	N 32 12 4.38 W 104	0 27.71
	13361.00	90.84	179.61	10005.76	3867.25	-3844.61	538.99	1.16	436994.50	642060.21	N 32 12 3.44 W 104	0 27.71
	13456.00	91.12	180.36	10004.13	3962.11	-3939.60	539.01	0.84	436899.52	642060.23	N 32 12 2.50 W 104	0 27.71
	13551.00	90.79	180.00	10002.55	4056.96	-4034.58	538.72	0.51	436804.54	642059.93	N 32 12 1.56 W 104	0 27.72
	13645.00	90.91	179.71	10001.15	4150.83							

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S + ° °)	Longitude (E/W + ° °)
	16675.00	90.21	181.51	10000.47	7176.00	-7158.09	532.37	2.09	433681.29	642053.59	N 32 11 30.65	W 104 0 27.90
	16769.00	91.08	179.63	9999.41	7269.81	-7252.07	531.44	2.20	433587.32	642052.65	N 32 11 29.72	W 104 0 27.92
	16864.00	90.10	179.86	9998.43	7364.70	-7347.07	531.86	1.06	433492.33	642053.07	N 32 11 28.78	W 104 0 27.92
	16959.00	90.61	179.61	9997.84	7459.59	-7442.06	532.30	0.60	433397.34	642053.51	N 32 11 27.84	W 104 0 27.92
	17054.00	90.74	180.68	9996.72	7554.45	-7537.05	532.06	1.13	433302.36	642053.27	N 32 11 26.90	W 104 0 27.92
	17148.00	90.69	180.04	9995.55	7648.28	-7631.05	531.47	0.68	433208.38	642052.68	N 32 11 25.97	W 104 0 27.93
	17337.00	91.02	179.11	9992.73	7837.07	-7820.02	532.87	0.52	433019.42	642054.08	N 32 11 24.10	W 104 0 27.92
	17431.00	90.21	179.11	9991.72	7931.01	-7914.00	534.33	0.86	432925.45	642055.54	N 32 11 23.17	W 104 0 27.91
	17526.00	90.79	179.33	9990.89	8025.94	-8008.99	535.62	0.65	432830.47	642056.84	N 32 11 22.23	W 104 0 27.90
	17715.00	91.19	179.52	9987.63	8214.74	-8197.95	537.52	0.23	432641.52	642058.73	N 32 11 20.36	W 104 0 27.88
	17810.00	90.19	179.42	9986.48	8309.65	-8292.94	538.40	1.06	432546.54	642059.61	N 32 11 19.42	W 104 0 27.87
	18000.00	92.46	180.62	9982.09	8499.33	-8482.87	538.33	1.35	432356.62	642059.55	N 32 11 17.54	W 104 0 27.88
	18094.00	90.58	180.36	9979.60	8593.12	-8576.83	537.53	2.02	432262.67	642058.74	N 32 11 16.61	W 104 0 27.89
	18189.00	90.17	178.50	9978.97	8688.04	-8671.82	538.47	2.00	432167.69	642059.69	N 32 11 15.67	W 104 0 27.89
	18284.00	90.22	179.58	9978.65	8782.98	-8766.80	540.06	1.14	432072.71	642061.28	N 32 11 14.73	W 104 0 27.87
	18377.00	90.44	180.92	9978.12	8875.83	-8859.80	539.66	1.46	431979.72	642060.87	N 32 11 13.81	W 104 0 27.88
	18566.00	90.70	181.99	9976.24	9064.26	-9048.72	534.86	0.58	431790.81	642056.08	N 32 11 11.95	W 104 0 27.94
	18661.00	90.02	182.36	9975.64	9158.88	-9143.65	531.25	0.81	431695.89	642052.47	N 32 11 11.01	W 104 0 27.99
	18755.00	90.55	182.36	9975.17	9252.47	-9237.57	527.38	0.56	431601.98	642048.60	N 32 11 10.08	W 104 0 28.04
	18850.00	89.60	181.48	9975.05	9347.13	-9332.52	524.20	1.36	431507.04	642045.42	N 32 11 9.14	W 104 0 28.08
	18945.00	89.75	180.23	9975.59	9441.91	-9427.50	522.78	1.33	431412.07	642044.00	N 32 11 8.20	W 104 0 28.10
	19039.00	89.52	179.72	9976.18	9535.79	-9521.50	522.82	0.60	431318.08	642044.04	N 32 11 7.27	W 104 0 28.10
	19134.00	89.53	179.57	9976.97	9630.69	-9616.50	523.41	0.16	431223.09	642044.63	N 32 11 6.33	W 104 0 28.10
	19229.00	89.26	179.63	9977.97	9725.59	-9711.49	524.08	0.29	431128.10	642045.29	N 32 11 5.39	W 104 0 28.09
	19323.00	89.40	179.53	9979.07	9819.49	-9805.48	524.77	0.18	431034.12	642045.98	N 32 11 4.46	W 104 0 28.09
	19512.00	89.33	179.06	9981.17	10008.33	-9994.45	527.09	0.25	430845.16	642048.31	N 32 11 2.59	W 104 0 28.07
	19607.00	88.48	179.57	9982.98	10103.24	-10089.43	528.23	1.04	430750.19	642049.44	N 32 11 1.65	W 104 0 28.06
	19701.00	89.66	179.99	9984.51	10197.12	-10183.41	528.59	1.33	430656.22	642049.80	N 32 11 0.72	W 104 0 28.05
	19796.00	89.58	180.57	9985.14	10291.97	-10278.41	528.12	0.62	430561.23	642049.34	N 32 10 59.78	W 104 0 28.06
	19986.00	89.57	180.31	9986.55	10481.63	-10468.40	526.66	0.14	430371.26	642047.88	N 32 10 57.90	W 104 0 28.09
	20080.00	89.00	179.32	9987.72	10575.51	-10562.39	526.97	1.22	430277.27	642048.18	N 32 10 56.97	W 104 0 28.09
	20175.00	89.36	179.36	9989.08	10670.43	-10657.37	528.06	0.38	430182.30	642049.28	N 32 10 56.03	W 104 0 28.08
330' FSL Crossed	20253.00	89.64	179.23	9989.76	10748.36	-10735.36	529.02	0.40	430104.31	642050.24	N 32 10 55.26	W 104 0 28.07
Final MWD Proj to TD	20338.00	89.94	179.08	9990.08	10833.30	-10820.35	530.28	0.40	430019.33	642051.50	N 32 10 54.41	W 104 0 28.06
	20363.00	89.94	179.08	9990.10	10858.29	-10845.35	530.68	0.00	429994.33	642051.90	N 32 10 54.17	W 104 0 28.05

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 3 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	30.000	1/98.425	30.000	30.000	GVD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Salt Flat CC 20-29 Federal Com 37H Gyro + MWD 0-20363'MD
	1	30.000	30.000	Act Stns	30.000	30.000	GVD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Salt Flat CC 20-29 Federal Com 37H Gyro + MWD 0-20363'MD
	1	30.000	493.000	Act Stns	30.000	30.000	GVD_GC+DROP+OH	Original Borehole / Oxy Salt Flat CC 20-29 Federal Com 37H Gyro
	1	493.000	20363.000	Act Stns	30.000	30.000	A010Mb_MWD+IFR1+SAG+MS	Original Borehole / Oxy Salt Flat CC 20-29 Federal Com 37H Gyro + MWD 0-20363'MD

...Original Borehole\Oxy Salt Flat CC 20-29 Federal Com 37H Gyro + MWD 0-20363'MD

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Cabinet Secretary

Adrienne E. Sandoval, Director
Oil Conservation Division



November 21, 2019

Ms. Jana Mendiola
janalyn_mendiola@oxy.com

NON-STANDARD LOCATION

Administrative Order NSL-7950

Oxy USA, Inc. [OGRID 16696]
Salt Flat CC 20 29 Federal Com Well No. 37H
API No. 30-015-PENDING

Proposed Location

	<u>Footages</u>	<u>Unit/Lot</u>	<u>Sec.</u>	<u>Twsp</u>	<u>Range</u>	<u>County</u>
Surface	435 FSL & 1765 FWL	N	17	24S	29E	Eddy
First Take Point	100 FNL & 2300 FWL	C	20	24S	29E	Eddy
Last Take Point	330 FSL & 2302 FWL	N	29	24S	29E	Eddy
Terminus	20 FSL & 2300 FWL	N	29	24S	29E	Eddy

Proposed Horizontal Gas Units

<u>Description</u>	<u>Acres</u>	<u>Pool</u>	<u>Pool Code</u>
W2 of Section 20 W2 of Section 29	640	Purple Sage; Wolfcamp (GAS)	98220

Reference is made to your application received on October 21, 2019.

You have requested to complete this horizontal well as a gas well described above in the referenced pool or formation. This well is governed by special rules (R-14262) for the Purple Sage; Wolfcamp (Gas) Pool of and provides for 320-acre units, with wells located at least 330 feet from a unit outer boundary.

This well's completed interval is as close as 100 feet to the northern edge of the horizontal spacing unit. Encroachment will impact the following tracts.

Section 17, encroachment to the SW/4

Administrative Order NSL-7950
Oxy USA, Inc.
November 21, 2019
Page 2 of 2

The Division understands you have given notice of this application to all operators or owners who are "affected persons," as defined in 19.15.2.7(A)(8) NMAC, in all adjoining units towards which the proposed location encroaches.

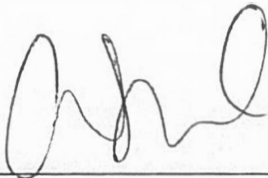
The Division understands you seek this unorthodox location as an efficient spacing of your horizontal wells, thereby preventing waste within the Wolfcamp formation underlying the W2 of Section 20 and Section 29.

Your application has been filed under 19.15.16.15(C)(6) NMAC, 19.15.15.13 NMAC and 19.15.4.12 (A)(2) NMAC.

Per 19.15.15.13(B) NMAC, Division approves this unorthodox location.

The above approvals are subject to your following all other applicable Division rules.

Jurisdiction of this case is retained for the entry of further orders as Division deems necessary.

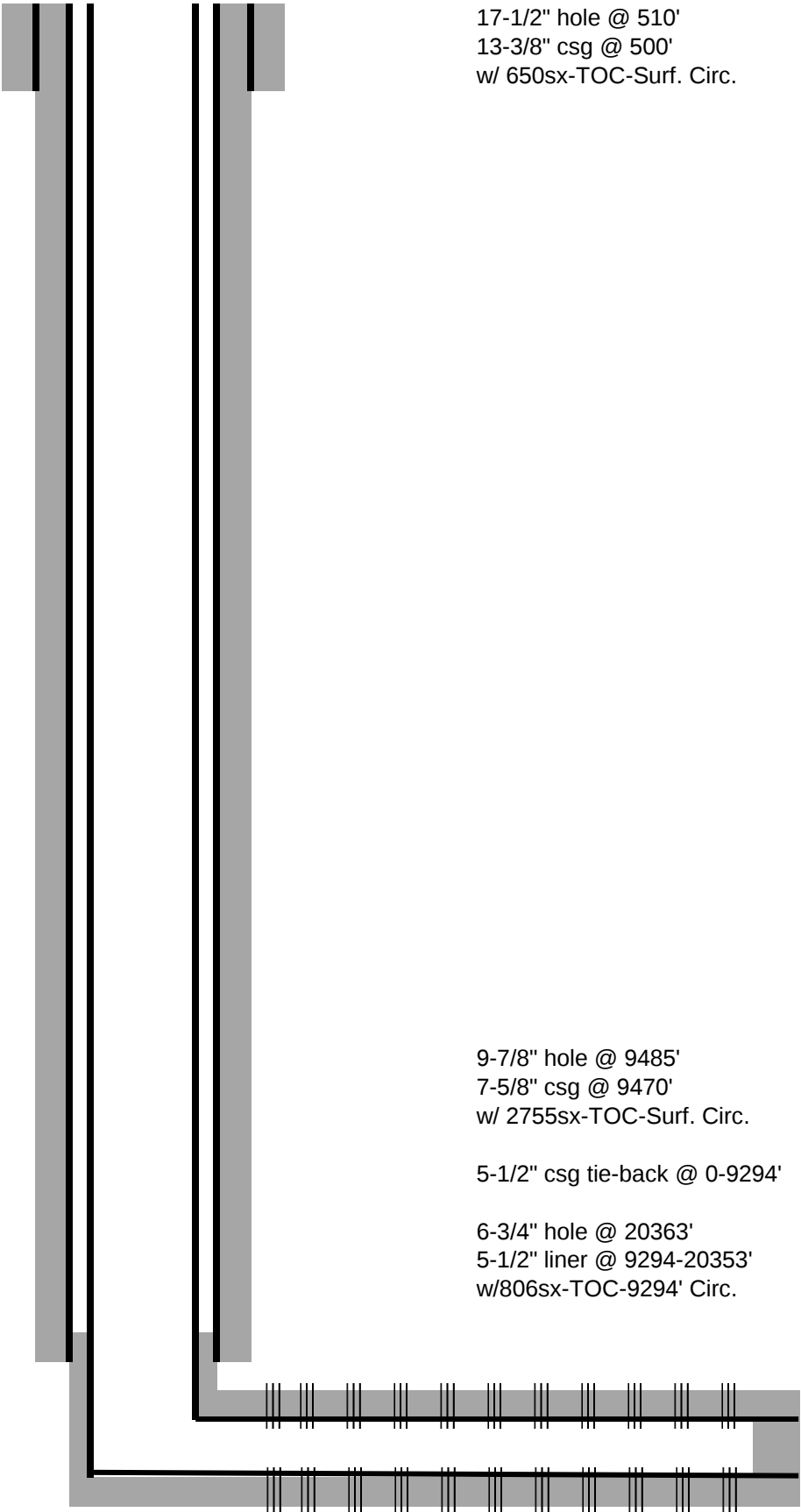


ADRIENNE E. SANDOVAL
Division Director

AES/rl

cc: Oil Conservation Division – Artesia District Office
Bureau of Land Management – Carlsbad Field Office

OXY USA Inc.
Salt Flat CC 20-29 Federal Com 37H
API No. 30-015-46369



Perfs @ 10209-20185'

TD- 20363'M 9990'V

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOCD-ARTESIA
REC'D: 5/09/2020FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other				5. Lease Serial No. NMNM94651	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____				6. If Indian, Allottee or Tribe Name	
2. Name of Operator OXY USA INC.				8. Lease Name and Well No. SALT FLAT CC 20-29 FEDERAL COM 37H	
3. Address P.O. BOX 50250 MIDLAND, TX 79710				9. API Well No. 30-015-46369	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 17 T24S R29E Mer NMP At surface SESW 435FSL 1765FWL 32.211527 N Lat, 104.009402 W Lon Sec 20 T24S R29E Mer NMP At top prod interval reported below NENW 265FNL 2323FWL 32.209600 N Lat, 104.007610 W Lon Sec 29 T24S R29E Mer NMP At total depth SESW 218FSL 2296FWL				10. Field and Pool, or Exploratory PURPLE SAGE WOLFCAMP	
14. Date Spudded 10/20/2019				15. Date T.D. Reached 12/08/2019	
16. Date Completed ☐ D & A ☒ Ready to Prod. 02/15/2020				17. Elevations (DF, KB, RT, GL)* 2936 GL	
18. Total Depth: MD 20363 TVD 9990		19. Plug Back T.D.: MD 20319 TVD 9990		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA RAY				22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)	

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	500		650	167	0	
9.875	7.625 HCL80	26.4	0	9470		2755	888	0	
6.750	5.500 P110	20.0	9294	20353		806	196	9294	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10209	20185	10209 TO 20185	0.370	1700	ACTIVE
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10209 TO 20185	15881628G SLICK WATER + 50481G 7.5% HCL ACID W/ 20032035# SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/23/2020	03/12/2020	24	→	5020.0	11096.0	9516.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
42/128	SI	1421.0	→	5020	11096	9516	2210	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #513824 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(*Sold, used for fuel, vented, etc.*)
SOLD

30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	31. Formation (Log) Markers
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
CHERRY CANYON	3726	4950	OIL, GAS, WATER	RUSTLER	208
BRUSHY CANYON	4951	6556	OIL, GAS, WATER	SALADO	583
BONE SPRING	6557	7540	OIL, GAS, WATER	CASTILE	1226
1ST BONE SPRING	7541	8359	OIL, GAS, WATER	DELAWARE	2815
2ND BONE SPRING	8360	9506	OIL, GAS, WATER	CHERRY CANYON	3726
3RD BONE SPRING	9507	9932	OIL, GAS, WATER	BRUSHY CANYON	4951
WOLFCAMP	9933	9990	OIL, GAS, WATER	BONE SPRING	6557
				1ST BONE SPRING	7541

32. Additional remarks (include plugging procedure):
 52. FORMATION (LOG) MARKERS CONTD.

2ND BONE SPRING 8360'M
 3RD BONE SPRING 9507'M
 WOLFCAMP 9933'M

Gamma Ray Log, Directional Survey, As-Drilled Amended C-102 plat & WBD are attached.

33. Circle enclosed attachments:			
1. Electrical/Mechanical Logs (1 full set req'd.)	2. Geologic Report	3. DST Report	4. Directional Survey
5. Sundry Notice for plugging and cement verification	6. Core Analysis	7 Other:	

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):
Electronic Submission #513824 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad

Name (*please print*) JANA MENDIOLA Title REGULATORY SPECIALIST

Signature _____ (Electronic Submission) Date 05/03/2020

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****