

1625 N. French Dr., Hobbs, NM 88240

District I

811 S. First St., Artesia, NM 88210

District II

1000 Rio Brazos Rd., Aztec, NM 87410

District III

1220 S. St. Francis Dr., Santa Fe, NM 87505

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 OXY USA INC P.O. BOX 4294 HOUSTON, TX 77210		² OGRID Number 16696
		³ Reason for Filing Code/ Effective Date – NW (04/12/2024)
⁴ API Number 30-025-50307	⁵ Pool Name RED TANK; BONE SPRING	⁶ Pool Code 51683
⁷ Property Code: 334681	⁸ Property Name: LLAMA MALL 26-35 FEDERAL	⁹ Well Number: 24H

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
A	26	22S	32E		480'	NORTH	1150'	EAST	LEA

¹¹ Bottom Hole Location

FTP: 323' FNL 1703' FEL LTP- 167' FSL 1972' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	35	22S	32E		42'	SOUTH	1971'	EAST	LEA
¹² Lse Code F	¹³ Producing Method Code : F		¹⁴ Gas Connection Date: 04/11/2024		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
237722	CENTURION PIPELINE L.P.	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 12/06/2023	²² Ready Date 04/12/2024	²³ TD 21060'M/10864'V	²⁴ PBSD 21016'M/10864'V	²⁵ Perforations 10785 ' -20936'MD	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17-1/2"		13-3/8"		1045'	1325sx – SURF
12-1/4"		9-5/8"		6620'	2660sx - SURF
8-3/4" x 8-1/2"		5-1/2"		21040'	2071sx – TOC ~4232'

V. Well Test Data

³¹ Date New Oil 04/18/2024	³² Gas Delivery Date 04/18/2024	³³ Test Date 04/25/2024	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1735psi
³⁷ Choke Size	³⁸ Oil 6522	³⁹ Water 7656	⁴⁰ Gas 4120		⁴¹ Test Method FLOWING

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: *Leslie T. Reeves*

Printed name:
LESLIE REEVES

Title:
REGULATORY MANAGER

E-mail Address:
LESLIE_REEVES@oxy.com

Date: 06/07/2024
Phone: 713-497-2492

OIL CONSERVATION DIVISION

Approved by: *PATRICIA MARTINEZ*

Title: *PETROLEUM SPECIALIST*

Approval Date: *6/13/2024*

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

 AMENDED REPORT
AS-DRILLED

¹ API Number 30-025-50307		² Pool Code 51683	³ Pool Name RED TANK; BONE SPRING	
⁴ Property Code 334681		⁵ Property Name LLAMA MALL 26_35 FED COM		⁶ Well Number 24H
⁷ OGRID No. 16696		⁸ Operator Name OXY USA INC.		⁹ Elevation 3742'

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	26	22S	32E		480	NORTH	1150	EAST	LEA

UL or lot no. O	Section 35	Township 22S	Range 32E	Lot Idn	Feet from the 42	North/South line SOUTH	Feet from the 1971	East/West line EAST	County LEA
¹² Dedicated Acres 320.00		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

SHL (NAD83)
X:755206.11' / Y:498557.59'
LAT:32.36870193 / LON:-103.64062895

SHL (NAD27)
X:714023.44' / Y:498497.29'
LAT:32.36857878 / LON:-103.64014336

PPP-1 (NAD83)
X:755035.76' / Y:498680.19'
LAT:32.36904195 / LON:-103.64117810

PPP-1 (NAD27)
X:713853.22' / Y:498620.01'
LAT:32.36891912 / LON:-103.64069205

KOP (NAD83)
X:754731.89' / Y:498916.13'
LAT:32.36969587 / LON:-103.64215730

KOP (NAD27)
X:713549.23' / Y:498855.82'
LAT:32.36957273 / LON:-103.64167165

FTP (NAD83)
X:754651.72' / Y:498709.15'
LAT:32.36912836 / LON:-103.64242129

FTP (NAD27)
X:713469.05' / Y:498648.85'
LAT:32.36900523 / LON:-103.64193564

LTP (NAD83)
X:754457.19' / Y:488632.50'
LAT:32.34143464 / LON:-103.64326168

LTP (NAD27)
X:713274.27' / Y:488572.48'
LAT:32.34131140 / LON:-103.64277700

BHL (NAD83)
X:754458.56' / Y:488507.51'
LAT:32.34109106 / LON:-103.64325986

BHL (NAD27)
X:713275.63' / Y:488447.50'
LAT:32.34096782 / LON:-103.64277519

KOP
359' NORTH OF SHL
474' WEST OF SHL
FNL 117'
FEL 1622'
M.D. 10332'

FTP/Nearest
152' NORTH OF SHL
554' WEST OF SHL
FNL 323'
FEL 1703'
M.D. 10785'

SHL
FNL 480'
FEL 1150'

PPP-1
123' NORTH OF SHL
170' WEST OF SHL
FNL 356'
FEL 1320'
M.D. 6610"

Sec. 26
NMMN 086149

Sec. 35
NMMN 086150

Furthest
M.D. 16596'
655' FEL TO LEASE

LTP
9925' SOUTH OF SHL
749' WEST OF SHL
FSL 167'
FEL 1972'
M.D. 20935'

BHL
10050' SOUTH OF SHL
748' WEST OF SHL
FSL 42'
FEL 1971'
M.D. 21060'

T22S R32E
T23S R32E

CORNER COORDINATES NAD 83, SPCS NM EAST
A - X: 755033.19' / Y: 499035.80'
B - X: 755071.31' / Y: 493753.64'
C - X: 755109.32' / Y: 488472.22'
D - X: 753788.57' / Y: 488458.40'
E - X: 753751.39' / Y: 493740.26'
F - X: 753712.06' / Y: 499022.42'

CORNER COORDINATES NAD 27, SPCS NM EAST
A - X: 713850.53' / Y: 498975.49'
B - X: 713888.52' / Y: 493693.48'
C - X: 713926.39' / Y: 488412.21'
D - X: 712605.64' / Y: 488398.39'
E - X: 712568.60' / Y: 493680.10'
F - X: 712529.41' / Y: 498962.11'

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.
Leslie T. Reeves 6/7/2024
Signature _____ Date _____
LESLIE REEVES
Printed Name _____
LESLIE_REEVES@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. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by Delta Field Services.
Lloyd P. Short
Date of Survey: APRIL 30, 2024
Signature and Seal of Professional Surveyor

FEDERAL LEASE ID LENGTH

NMMN002379	10113.78'
TOTAL	10113.78'

Legend:
● Drill Line Events ● Corners — Drill Line ⇄ Dimension Lines ■ Federal Leases ▨ HSU

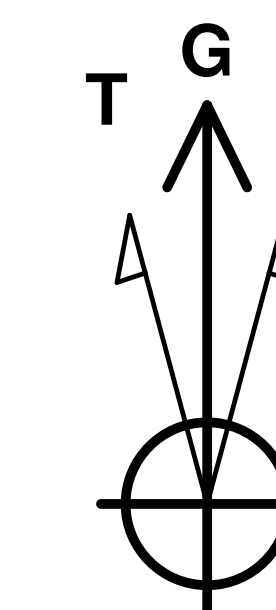
All bearings and coordinates refer to New Mexico State Plane coordinate system, East Zone, U.S. Survey Feet.

SHEET 1 OF 1
JOB No. R4101_004_8949
REV 0 TCS 4/30/2024

FINAL Plan Vs Actual

Project: Lea County, NM (NAD83)
Site: Llama Mall Pad (22S-32E-Sec 26)
Well: Llama Mall 26-35 Fed Com 24H
Wellbore: OH
Design: P1
Rig: Citadel 3

Map System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone Name: New Mexico Eastern Zone



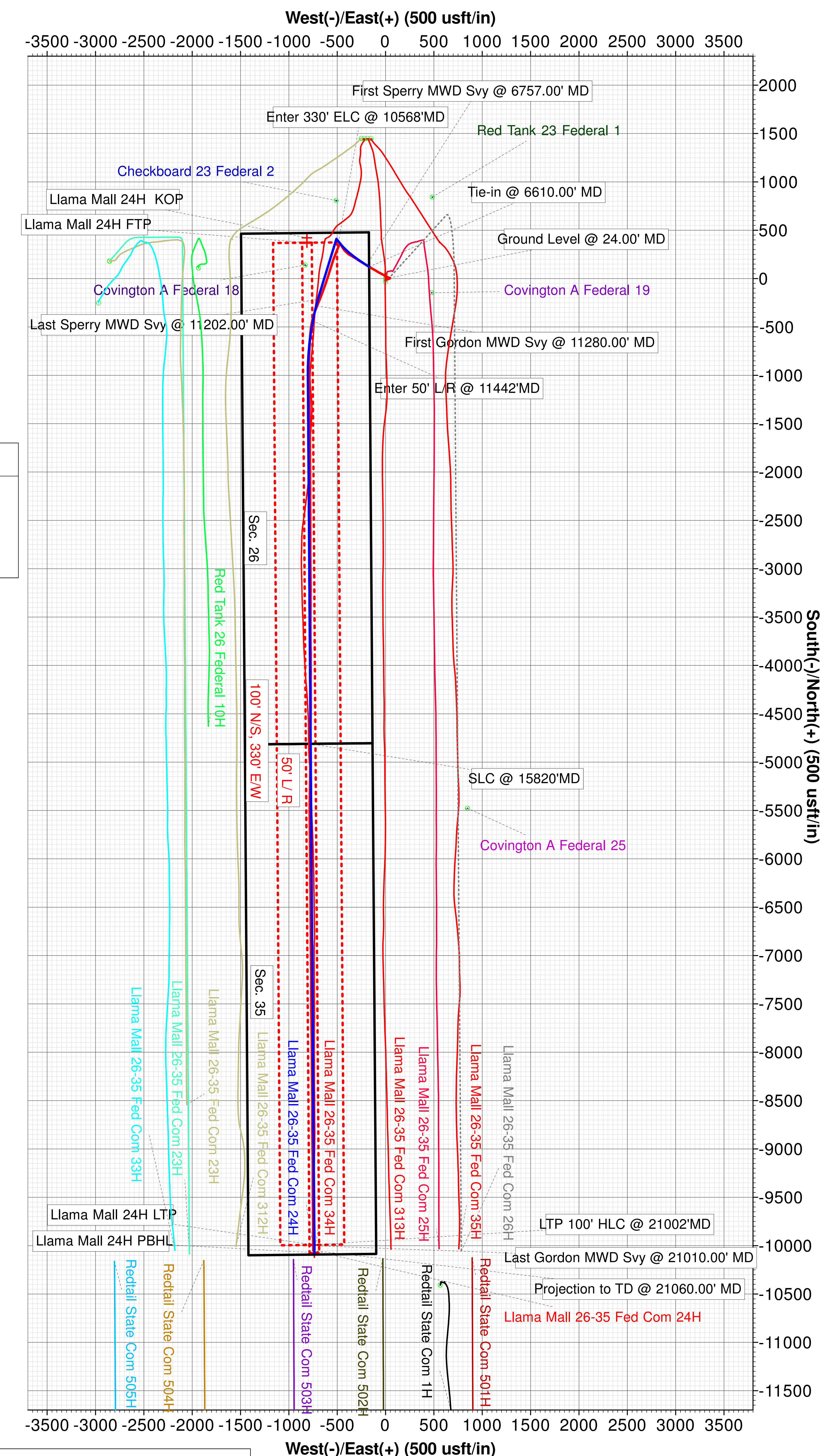
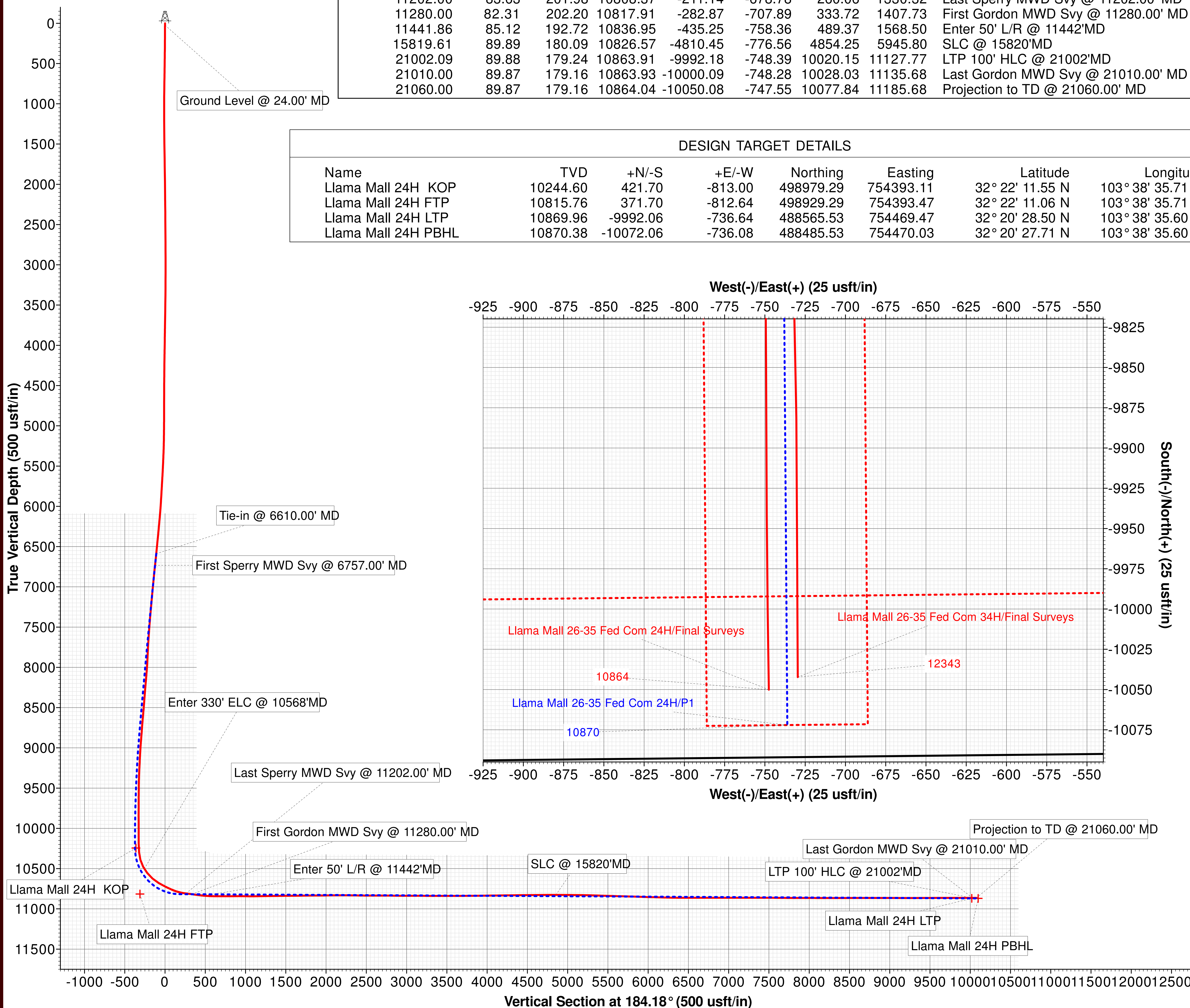
Azimuths to Grid North
True North: -0.37°
Magnetic North: 6.00°

**Magnetic Field
Strength: 47579.7nT
Dip Angle: 59.94°
Date: 3/5/2024
Model: IFR**

WELL DETAILS					
		GL 3742' + KB 24' @ 3766.00usft (Citadel 3)			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	498557.59	755206.11	32° 22' 7.33 N	103° 38' 26.26 W

SECTION DETAILS								
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
24.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	Ground Level @ 24.00' MD
6610.00	12.62	301.60	6589.21	121.81	-169.06	-109.16	324.41	Tie-in @ 6610.00' MD
6757.00	12.82	301.33	6732.60	138.70	-196.67	-124.00	356.77	First Sperry MWD Svy @ 6757.00' MD
10567.77	32.20	202.90	10503.15	294.41	-501.66	-257.06	796.09	Enter 330' ELC @ 10568'MD
11202.00	83.63	201.98	10808.37	-211.14	-678.78	260.06	1330.32	Last Sperry MWD Svy @ 11202.00' MD
11280.00	82.31	202.20	10817.91	-282.87	-707.89	333.72	1407.73	First Gordon MWD Svy @ 11280.00' MD
11441.86	85.12	192.72	10836.95	-435.25	-758.36	489.37	1568.50	Enter 50' L/R @ 11442'MD
15819.61	89.89	180.09	10826.57	-4810.45	-776.56	4854.25	5945.80	SLC @ 15820'MD
21002.09	89.88	179.24	10863.91	-9992.18	-748.39	10020.15	11127.77	LTP 100' HLC @ 21002'MD
21010.00	89.87	179.16	10863.93	-10000.09	-748.28	10028.03	11135.68	Last Gordon MWD Svy @ 21010.00' MD
21060.00	89.87	179.16	10864.04	-10050.08	-747.55	10077.84	11185.68	Projection to TD @ 21060.00' MD

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Llama Mall 24H KOP	10244.60	421.70	-813.00	498979.29	754393.11	32° 22' 11.55 N	103° 38' 35.71 W
Llama Mall 24H FTP	10815.76	371.70	-812.64	498929.29	754393.47	32° 22' 11.06 N	103° 38' 35.71 W
Llama Mall 24H LTP	10869.96	-9992.06	-736.64	488565.53	754469.47	32° 20' 28.50 N	103° 38' 35.60 W
Llama Mall 24H PBHL	10870.38	-10072.06	-736.08	488485.53	754470.03	32° 20' 27.71 N	103° 38' 35.60 W



Target Center Line
10,817.5' TVD @ 0' VS; 89.70°INC

Created By: M Hudson
Date: 7:03, March 20 2024

HALLIBURTON | Sperry Drilling

Job# 909179074
Citadel 3

Occidental Petroleum Corporation

Lea County, NM (NAD83) Llama Mall Pad (22S-32E-Sec 26)

API# 30-025-50307

Llama Mall 26-35 Fed Com 24H

480 FNL, 1150 FEL

OH

Design: Final Surveys

Sperry Drilling Services

Combo Report

20 March, 2024

Well Coordinates: 32° 22' 7.33 N
103° 38' 26.26 W

North American Datum 1983
New Mexico Eastern Zone
498,557.59 N
755,206.11 E

Ground Level: 3,742.00 usft

Local Coordinate Origin:

Centered on Well Llama Mall 26-35 Fed Com 24H

Viewing Datum:

GL 3742' + KB 24' @ 3766.00usft (Citadel 3)

TVDs to System:

N

North Reference:

Grid

Unit System:

API-US Survey Feet

Compass Version: 5000.17 Build:

Report Version: Midcon Combo v1.15

HALLIBURTON

HALLIBURTON**Design Report for Llama Mall 26-35 Fed Com 24H - Final Surveys**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
0.00	0.00	0.00	0.00	0.00 N	0.00 E	498,557.59	755,206.11	0.00	0.00	0.00	
24.00	0.00	0.00	24.00	0.00 N	0.00 E	498,557.59	755,206.11	0.00	0.00	0.00	Ground Level @ 24.00' MD
171.00	0.83	58.61	170.99	0.55 N	0.91 E	498,558.14	755,207.02	0.56	-0.62	58.61	
258.00	1.13	63.45	257.98	1.27 N	2.21 E	498,558.86	755,208.32	0.36	-1.42	17.85	
353.00	1.25	62.58	352.96	2.16 N	3.97 E	498,559.75	755,210.08	0.13	-2.45	-9.00	
447.00	0.84	37.19	446.95	3.18 N	5.30 E	498,560.77	755,211.41	0.65	-3.56	-143.75	
542.00	0.78	1.67	541.94	4.38 N	5.74 E	498,561.97	755,211.85	0.52	-4.79	-114.35	
636.00	1.08	358.71	635.92	5.91 N	5.74 E	498,563.50	755,211.85	0.32	-6.31	-10.58	
728.00	0.90	344.83	727.91	7.47 N	5.53 E	498,565.06	755,211.64	0.32	-7.86	-133.69	
822.00	0.89	315.27	821.90	8.70 N	4.82 E	498,566.29	755,210.93	0.49	-9.03	-105.99	
917.00	1.08	314.99	916.89	9.86 N	3.67 E	498,567.45	755,209.78	0.20	-10.10	-1.59	
997.00	0.50	313.26	996.88	10.63 N	2.88 E	498,568.22	755,208.99	0.73	-10.82	-178.51	
1,114.00	0.26	192.00	1,113.88	10.72 N	2.45 E	498,568.31	755,208.56	0.57	-10.87	-160.71	
1,208.00	0.41	189.38	1,207.88	10.18 N	2.36 E	498,567.77	755,208.47	0.16	-10.33	-7.14	
1,302.00	0.50	176.93	1,301.87	9.44 N	2.32 E	498,567.03	755,208.43	0.14	-9.59	-54.03	
1,398.00	0.63	175.88	1,397.87	8.50 N	2.38 E	498,566.09	755,208.49	0.14	-8.65	-5.08	
1,492.00	0.74	184.94	1,491.86	7.38 N	2.37 E	498,564.97	755,208.48	0.16	-7.53	49.15	
1,587.00	0.90	187.67	1,586.85	6.03 N	2.22 E	498,563.62	755,208.33	0.17	-6.17	15.09	
1,682.00	0.78	183.10	1,681.84	4.64 N	2.08 E	498,562.23	755,208.19	0.14	-4.78	-153.10	
1,777.00	0.75	184.57	1,776.83	3.38 N	2.00 E	498,560.97	755,208.11	0.04	-3.51	147.54	
1,872.00	0.84	184.80	1,871.82	2.06 N	1.89 E	498,559.65	755,208.00	0.09	-2.19	2.15	
1,966.00	0.69	182.00	1,965.81	0.81 N	1.81 E	498,558.40	755,207.92	0.16	-0.94	-167.40	
2,061.00	0.60	176.63	2,060.81	0.26 S	1.82 E	498,557.33	755,207.93	0.11	0.12	-148.78	
2,156.00	0.53	169.36	2,155.80	1.19 S	1.93 E	498,556.40	755,208.04	0.11	1.04	-137.91	
2,251.00	0.75	170.10	2,250.80	2.23 S	2.12 E	498,555.36	755,208.23	0.23	2.07	2.52	
2,346.00	0.61	159.06	2,345.79	3.32 S	2.41 E	498,554.27	755,208.52	0.20	3.13	-142.33	
2,441.00	0.56	143.66	2,440.79	4.16 S	2.86 E	498,553.43	755,208.97	0.17	3.94	-115.24	
2,536.00	0.59	141.05	2,535.78	4.92 S	3.44 E	498,552.67	755,209.55	0.04	4.65	-42.43	
2,631.00	0.68	134.28	2,630.78	5.69 S	4.16 E	498,551.90	755,210.27	0.12	5.37	-43.23	
2,726.00	0.71	119.00	2,725.77	6.37 S	5.07 E	498,551.22	755,211.18	0.20	5.98	-88.50	
2,820.00	0.97	105.50	2,819.76	6.86 S	6.35 E	498,550.73	755,212.46	0.35	6.38	-44.16	
2,915.00	1.04	103.96	2,914.74	7.29 S	7.96 E	498,550.30	755,214.07	0.08	6.69	-21.87	
3,103.00	1.41	88.70	3,102.70	7.65 S	11.93 E	498,549.94	755,218.04	0.26	6.76	-49.20	
3,198.00	1.60	85.65	3,197.67	7.52 S	14.42 E	498,550.07	755,220.53	0.22	6.45	-24.39	
3,292.00	1.73	80.98	3,291.63	7.20 S	17.13 E	498,550.39	755,223.24	0.20	5.93	-48.58	
3,387.00	1.80	73.83	3,386.58	6.56 S	19.98 E	498,551.03	755,226.09	0.24	5.08	-75.96	

HALLIBURTON**Design Report for Llama Mall 26-35 Fed Com 24H - Final Surveys**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
3,481.00	2.17	71.54	3,480.53	5.58 S	23.09 E	498,552.01	755,229.20	0.40	3.88	-13.25	
3,575.00	2.33	76.35	3,574.46	4.57 S	26.63 E	498,553.02	755,232.74	0.26	2.61	52.15	
3,670.00	2.75	73.42	3,669.36	3.46 S	30.69 E	498,554.13	755,236.80	0.46	1.21	-18.65	
3,765.00	3.05	73.05	3,764.24	2.07 S	35.29 E	498,555.52	755,241.40	0.32	-0.50	-3.76	
3,859.00	2.31	74.32	3,858.14	0.83 S	39.51 E	498,556.76	755,245.62	0.79	-2.05	176.05	
3,954.00	1.38	54.64	3,953.09	0.35 N	42.29 E	498,557.94	755,248.40	1.17	-3.43	-155.30	
4,049.00	1.56	55.50	4,048.06	1.74 N	44.28 E	498,559.33	755,250.39	0.19	-4.96	7.42	
4,144.00	0.88	26.33	4,143.03	3.13 N	45.67 E	498,560.72	755,251.78	0.95	-6.45	-151.55	
4,239.00	0.81	340.83	4,238.03	4.42 N	45.78 E	498,562.01	755,251.89	0.69	-7.74	-118.39	
4,333.00	0.66	340.50	4,332.02	5.55 N	45.38 E	498,563.14	755,251.49	0.16	-8.85	-178.55	
4,428.00	0.83	310.97	4,427.01	6.52 N	44.68 E	498,564.11	755,250.79	0.44	-9.76	-81.36	
4,523.00	1.03	292.71	4,522.00	7.30 N	43.37 E	498,564.89	755,249.48	0.37	-10.44	-65.34	
4,618.00	1.02	289.00	4,616.98	7.91 N	41.78 E	498,565.50	755,247.89	0.07	-10.93	-100.42	
4,712.00	1.06	288.24	4,710.97	8.45 N	40.16 E	498,566.04	755,246.27	0.05	-11.36	-19.41	
4,807.00	1.14	280.58	4,805.95	8.90 N	38.40 E	498,566.49	755,244.51	0.18	-11.67	-65.32	
4,902.00	1.18	279.70	4,900.93	9.24 N	36.51 E	498,566.83	755,242.62	0.05	-11.87	-24.45	
4,997.00	1.89	280.94	4,995.89	9.70 N	34.01 E	498,567.29	755,240.12	0.75	-12.15	3.30	
5,092.00	3.11	288.54	5,090.80	10.82 N	30.02 E	498,568.41	755,236.13	1.33	-12.98	19.02	
5,187.00	3.56	291.55	5,185.64	12.72 N	24.84 E	498,570.31	755,230.95	0.51	-14.50	22.77	
5,282.00	4.27	299.21	5,280.42	15.53 N	19.01 E	498,573.12	755,225.12	0.93	-16.87	40.24	
5,377.00	4.80	301.96	5,375.12	19.36 N	12.55 E	498,576.95	755,218.66	0.60	-20.22	23.68	
5,471.00	5.74	301.31	5,468.72	23.88 N	5.20 E	498,581.47	755,211.31	1.00	-24.20	-3.96	
5,566.00	6.89	300.49	5,563.15	29.24 N	3.77 W	498,586.83	755,202.34	1.21	-28.89	-4.89	
5,661.00	7.81	298.09	5,657.36	35.17 N	14.38 W	498,592.76	755,191.73	1.02	-34.03	-19.65	
5,756.00	8.44	296.65	5,751.41	41.34 N	26.30 W	498,598.93	755,179.81	0.70	-39.31	-18.62	
5,850.00	8.90	297.04	5,844.34	47.74 N	38.95 W	498,605.33	755,167.16	0.49	-44.77	7.48	
5,945.00	9.13	295.97	5,938.16	54.38 N	52.27 W	498,611.97	755,153.84	0.30	-50.43	-36.62	
6,040.00	10.23	299.30	6,031.81	61.81 N	66.40 W	498,619.40	755,139.71	1.30	-56.81	28.63	
6,135.00	11.10	301.06	6,125.17	70.66 N	81.59 W	498,628.25	755,124.52	0.98	-64.52	21.39	
6,230.00	11.68	300.29	6,218.30	80.23 N	97.73 W	498,637.82	755,108.38	0.63	-72.89	-15.07	
6,325.00	12.38	299.80	6,311.21	90.14 N	114.87 W	498,647.73	755,091.24	0.74	-81.52	-8.54	
6,420.00	12.96	299.53	6,403.90	100.45 N	132.98 W	498,658.04	755,073.13	0.61	-90.49	-5.96	
6,515.00	12.71	300.70	6,496.52	111.04 N	151.23 W	498,668.63	755,054.88	0.38	-99.72	134.46	
6,610.00	12.62	301.60	6,589.21	121.81 N	169.06 W	498,679.40	755,037.05	0.23	-109.16	114.96	Tie-in @ 6610.00' MD
6,757.00	12.82	301.33	6,732.60	138.70 N	196.67 W	498,696.29	755,009.44	0.14	-124.00	-16.69	First Sperry MWD Svy @ 6757.00' MD
6,852.00	12.64	301.64	6,825.27	149.64 N	214.52 W	498,707.23	754,991.59	0.20	-133.60	159.37	
6,947.00	12.18	300.99	6,918.05	160.25 N	231.96 W	498,717.84	754,974.15	0.51	-142.92	-163.43	

HALLIBURTON**Design Report for Llama Mall 26-35 Fed Com 24H - Final Surveys**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (usft)	Toolface Angle (°)	Comments
7,041.00	11.56	301.85	7,010.04	170.32 N	248.46 W	498,727.91	754,957.65	0.69	-151.76	164.50	
7,136.00	11.07	301.77	7,103.19	180.15 N	264.30 W	498,737.74	754,941.81	0.52	-160.41	-178.20	
7,232.00	10.57	303.02	7,197.48	189.80 N	279.52 W	498,747.39	754,926.59	0.58	-168.92	155.47	
7,326.00	10.16	303.75	7,289.95	199.10 N	293.64 W	498,756.69	754,912.47	0.46	-177.17	162.60	
7,421.00	9.96	302.39	7,383.49	208.16 N	307.54 W	498,765.75	754,898.57	0.33	-185.19	-130.76	
7,516.00	9.79	301.99	7,477.08	216.84 N	321.33 W	498,774.43	754,884.78	0.19	-192.84	-158.22	
7,611.00	8.99	300.52	7,570.81	224.89 N	334.58 W	498,782.48	754,871.53	0.88	-199.90	-164.04	
7,706.00	8.25	300.18	7,664.73	232.08 N	346.86 W	498,789.67	754,859.25	0.78	-206.19	-176.23	
7,801.00	7.21	298.60	7,758.87	238.37 N	357.99 W	498,795.96	754,848.12	1.12	-211.64	-169.23	
7,896.00	6.84	295.48	7,853.16	243.65 N	368.33 W	498,801.24	754,837.78	0.56	-216.16	-135.66	
7,991.00	6.98	302.30	7,947.47	249.17 N	378.32 W	498,806.76	754,827.79	0.88	-220.93	83.71	
8,086.00	7.08	311.06	8,041.76	256.10 N	387.61 W	498,813.69	754,818.50	1.13	-227.17	89.03	
8,181.00	7.56	314.20	8,135.98	264.30 N	396.51 W	498,821.89	754,809.60	0.66	-234.70	41.37	
8,276.00	7.31	315.04	8,230.18	272.94 N	405.26 W	498,830.53	754,800.85	0.29	-242.67	156.92	
8,370.00	7.20	313.72	8,323.43	281.24 N	413.74 W	498,838.83	754,792.37	0.21	-250.34	-124.07	
8,465.00	6.95	313.69	8,417.71	289.32 N	422.20 W	498,846.91	754,783.91	0.26	-257.78	-179.17	
8,560.00	6.69	324.28	8,512.04	297.79 N	429.58 W	498,855.38	754,776.53	1.35	-265.68	106.91	
8,655.00	6.27	325.69	8,606.43	306.57 N	435.74 W	498,864.16	754,770.37	0.47	-273.99	159.95	
8,750.00	5.56	325.89	8,700.93	314.66 N	441.24 W	498,872.25	754,764.87	0.75	-281.66	178.44	
8,845.00	5.26	330.54	8,795.50	322.26 N	445.97 W	498,879.85	754,760.14	0.56	-288.90	126.68	
8,940.00	5.51	333.51	8,890.08	330.14 N	450.14 W	498,887.73	754,755.97	0.39	-296.45	49.59	
9,035.00	4.56	334.27	8,984.72	337.62 N	453.82 W	498,895.21	754,752.29	1.00	-303.65	176.36	
9,130.00	3.99	330.08	9,079.45	343.89 N	457.11 W	498,901.48	754,749.00	0.68	-309.66	-153.36	
9,225.00	3.26	331.99	9,174.26	349.14 N	460.02 W	498,906.73	754,746.09	0.78	-314.68	171.56	
9,319.00	3.05	336.37	9,268.12	353.79 N	462.28 W	498,911.38	754,743.83	0.34	-319.15	133.23	
9,414.00	2.48	323.06	9,363.01	357.75 N	464.53 W	498,915.34	754,741.58	0.90	-322.94	-138.12	
9,509.00	1.52	306.06	9,457.95	360.13 N	466.78 W	498,917.72	754,739.33	1.18	-325.15	-156.59	
9,603.00	0.92	298.96	9,551.93	361.23 N	468.45 W	498,918.82	754,737.66	0.66	-326.13	-169.39	
9,698.00	0.60	344.50	9,646.92	362.08 N	469.25 W	498,919.67	754,736.86	0.69	-326.91	139.41	
9,793.00	0.15	307.12	9,741.92	362.63 N	469.48 W	498,920.22	754,736.63	0.52	-327.45	-169.28	
9,887.00	0.13	281.92	9,835.92	362.73 N	469.68 W	498,920.32	754,736.43	0.07	-327.53	-120.32	
9,982.00	0.48	208.29	9,930.92	362.40 N	469.98 W	498,919.99	754,736.13	0.48	-327.18	-89.34	
10,076.00	0.34	222.69	10,024.92	361.85 N	470.35 W	498,919.44	754,735.76	0.18	-326.60	150.70	
10,171.00	0.29	307.07	10,119.91	361.79 N	470.74 W	498,919.38	754,735.37	0.45	-326.51	137.19	
10,234.00	0.54	285.82	10,182.91	361.96 N	471.15 W	498,919.55	754,734.96	0.46	-326.66	-42.54	
10,351.00	5.16	216.51	10,299.75	357.88 N	474.81 W	498,915.47	754,731.30	4.27	-322.32	-75.10	
10,445.00	17.12	200.72	10,391.82	341.48 N	482.25 W	498,899.07	754,723.86	13.01	-305.42	-22.21	

HALLIBURTON

Lea County, NM (NAD83)

Design Report for Llama Mall 26-35 Fed Com 24H - Final Surveys

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
10,540.00	28.63	203.08	10,479.21	307.35 N	496.17 W	498,864.94	754,709.94	12.15	-270.37	5.66	
10,567.77	32.20	202.90	10,503.15	294.41 N	501.66 W	498,852.00	754,704.45	12.88	-257.06	-1.53	Enter 330' ELC @ 10568'MD
10,634.00	40.73	202.59	10,556.36	258.14 N	516.85 W	498,815.73	754,689.26	12.88	-219.78	-1.37	
10,729.00	49.99	198.74	10,623.06	194.92 N	540.50 W	498,752.51	754,665.61	10.16	-155.00	-17.86	
10,824.00	58.98	196.88	10,678.19	121.36 N	564.06 W	498,678.95	754,642.05	9.60	-79.92	-10.11	
10,918.00	64.89	197.46	10,722.40	42.14 N	588.55 W	498,599.73	754,617.56	6.31	0.86	5.09	
11,013.00	66.45	199.26	10,761.54	40.00 S	615.82 W	498,517.59	754,590.29	2.38	84.78	46.81	
11,107.00	76.11	199.72	10,791.67	123.82 S	645.50 W	498,433.77	754,560.61	10.29	170.54	2.66	
11,202.00	83.63	201.98	10,808.37	211.14 S	678.78 W	498,346.45	754,527.33	8.25	260.06	16.69	Last Sperry MWD Svy @ 11202.00' MD
11,280.00	82.31	202.20	10,817.91	282.87 S	707.89 W	498,274.72	754,498.22	1.72	333.72	170.62	First Gordon MWD Svy @ 11280.00' MD
11,296.00	82.06	202.20	10,820.09	297.55 S	713.88 W	498,260.04	754,492.23	1.56	348.79	180.00	
11,390.00	83.58	196.99	10,831.85	385.38 S	745.14 W	498,172.21	754,460.97	5.73	438.67	-73.95	
11,441.86	85.12	192.72	10,836.95	435.25 S	758.36 W	498,122.34	754,447.75	8.72	489.37	-70.25	Enter 50' L/R @ 11442'MD
11,485.00	86.43	189.18	10,840.13	477.48 S	766.53 W	498,080.11	754,439.58	8.72	532.08	-69.83	
11,580.00	89.78	184.23	10,843.27	571.74 S	777.61 W	497,985.85	754,428.50	6.29	626.90	-56.00	
11,674.00	90.15	183.05	10,843.33	665.55 S	783.58 W	497,892.04	754,422.53	1.32	720.89	-72.59	
11,769.00	90.05	182.78	10,843.16	760.42 S	788.41 W	497,797.17	754,417.70	0.30	815.87	-110.32	
11,864.00	90.25	182.86	10,842.92	855.31 S	793.08 W	497,702.28	754,413.03	0.23	910.84	21.80	
11,958.00	89.28	179.45	10,843.30	949.27 S	794.97 W	497,608.32	754,411.14	3.77	1,004.69	-105.88	
12,053.00	90.23	177.66	10,843.71	1,044.24 S	792.58 W	497,513.35	754,413.53	2.13	1,099.23	-62.05	
12,148.00	91.12	177.68	10,842.59	1,139.15 S	788.72 W	497,418.44	754,417.39	0.94	1,193.61	1.29	
12,243.00	90.94	179.74	10,840.88	1,234.11 S	786.58 W	497,323.48	754,419.53	2.18	1,288.16	94.98	
12,338.00	90.65	179.47	10,839.56	1,329.10 S	785.92 W	497,228.49	754,420.19	0.42	1,382.84	-137.05	
12,432.00	90.99	179.00	10,838.22	1,423.08 S	784.67 W	497,134.51	754,421.44	0.62	1,476.48	-54.11	
12,526.00	90.29	179.14	10,837.17	1,517.06 S	783.14 W	497,040.53	754,422.97	0.76	1,570.10	168.69	
12,621.00	90.52	179.97	10,836.50	1,612.05 S	782.41 W	496,945.54	754,423.70	0.91	1,664.79	74.51	
12,716.00	90.81	179.74	10,835.39	1,707.05 S	782.17 W	496,850.54	754,423.94	0.39	1,759.51	-38.41	
12,811.00	90.42	179.64	10,834.37	1,802.04 S	781.65 W	496,755.55	754,424.46	0.42	1,854.22	-165.62	
12,905.00	90.46	179.71	10,833.65	1,896.03 S	781.12 W	496,661.56	754,424.99	0.09	1,947.92	60.25	
13,000.00	91.05	179.52	10,832.40	1,991.02 S	780.48 W	496,566.57	754,425.63	0.65	2,042.61	-17.85	
13,095.00	90.38	180.00	10,831.21	2,086.01 S	780.08 W	496,471.58	754,426.03	0.87	2,137.32	144.38	
13,189.00	89.33	179.86	10,831.45	2,180.01 S	779.97 W	496,377.58	754,426.14	1.13	2,231.06	-172.41	
13,283.00	89.53	179.87	10,832.39	2,274.01 S	779.75 W	496,283.58	754,426.36	0.21	2,324.79	2.86	
13,378.00	88.81	180.06	10,833.76	2,369.00 S	779.69 W	496,188.59	754,426.42	0.78	2,419.53	165.22	
13,473.00	90.02	179.56	10,834.73	2,463.99 S	779.37 W	496,093.60	754,426.74	1.38	2,514.24	-22.45	
13,567.00	90.16	179.60	10,834.59	2,557.99 S	778.68 W	495,999.60	754,427.43	0.15	2,607.94	15.95	

HALLIBURTON**Design Report for Llama Mall 26-35 Fed Com 24H - Final Surveys**

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
13,662.00	89.87	179.72	10,834.56	2,652.99 S	778.12 W	495,904.60	754,427.99	0.33	2,702.64	157.52	
13,757.00	89.05	179.90	10,835.46	2,747.98 S	777.81 W	495,809.61	754,428.30	0.88	2,797.36	167.62	
13,851.00	89.15	179.77	10,836.93	2,841.97 S	777.53 W	495,715.62	754,428.58	0.17	2,891.08	-52.43	
13,945.00	89.83	179.77	10,837.77	2,935.96 S	777.16 W	495,621.63	754,428.95	0.72	2,984.80	0.00	
14,040.00	90.28	179.67	10,837.68	3,030.96 S	776.69 W	495,526.63	754,429.42	0.49	3,079.51	-12.53	
14,135.00	89.52	179.11	10,837.84	3,125.95 S	775.68 W	495,431.64	754,430.43	0.99	3,174.18	-143.62	
14,229.00	89.49	179.86	10,838.66	3,219.95 S	774.84 W	495,337.64	754,431.27	0.80	3,267.86	92.29	
14,324.00	89.82	180.35	10,839.23	3,314.94 S	775.01 W	495,242.65	754,431.10	0.62	3,362.62	56.04	
14,418.00	90.69	180.65	10,838.81	3,408.94 S	775.83 W	495,148.65	754,430.28	0.98	3,456.42	19.02	
14,513.00	89.33	180.53	10,838.79	3,503.93 S	776.81 W	495,053.66	754,429.30	1.44	3,551.23	-174.96	
14,608.00	90.57	179.42	10,838.88	3,598.93 S	776.77 W	494,958.66	754,429.34	1.75	3,645.97	-41.84	
14,703.00	90.41	179.70	10,838.06	3,693.92 S	776.04 W	494,863.67	754,430.07	0.34	3,740.66	119.74	
14,798.00	90.43	179.12	10,837.37	3,788.91 S	775.06 W	494,768.68	754,431.05	0.61	3,835.33	-88.02	
14,892.00	90.84	180.11	10,836.33	3,882.90 S	774.43 W	494,674.69	754,431.68	1.14	3,929.02	67.50	
14,987.00	90.82	179.98	10,834.95	3,977.89 S	774.50 W	494,579.70	754,431.61	0.14	4,023.77	-98.75	
15,082.00	90.72	180.01	10,833.67	4,072.89 S	774.49 W	494,484.70	754,431.62	0.11	4,118.50	163.30	
15,176.00	90.33	180.04	10,832.81	4,166.88 S	774.54 W	494,390.71	754,431.57	0.42	4,212.25	175.60	
15,271.00	90.90	179.73	10,831.79	4,261.88 S	774.35 W	494,295.71	754,431.76	0.68	4,306.98	-28.54	
15,366.00	90.93	180.17	10,830.27	4,356.86 S	774.26 W	494,200.73	754,431.85	0.46	4,401.71	86.10	
15,460.00	90.70	179.90	10,828.94	4,450.85 S	774.32 W	494,106.74	754,431.79	0.38	4,495.45	-130.43	
15,555.00	90.27	180.61	10,828.13	4,545.85 S	774.74 W	494,011.74	754,431.37	0.87	4,590.23	121.20	
15,650.00	90.28	180.37	10,827.68	4,640.84 S	775.55 W	493,916.75	754,430.56	0.25	4,685.03	-87.61	
15,745.00	90.64	180.43	10,826.91	4,735.84 S	776.22 W	493,821.75	754,429.89	0.38	4,779.82	9.46	
15,819.61	89.89	180.09	10,826.57	4,810.45 S	776.56 W	493,747.14	754,429.55	1.11	4,854.25	-155.65	SLC @ 15820'MD
15,839.00	89.69	180.00	10,826.64	4,829.84 S	776.57 W	493,727.75	754,429.54	1.11	4,873.59	-155.65	
15,934.00	89.60	180.76	10,827.23	4,924.83 S	777.20 W	493,632.76	754,428.91	0.81	4,968.38	96.76	
16,029.00	89.47	180.52	10,828.00	5,019.82 S	778.26 W	493,537.77	754,427.85	0.29	5,063.20	-118.44	
16,123.00	89.40	180.87	10,828.93	5,113.81 S	779.40 W	493,443.78	754,426.71	0.38	5,157.02	101.31	
16,217.00	88.56	180.97	10,830.60	5,207.78 S	780.91 W	493,349.81	754,425.20	0.90	5,250.85	173.21	
16,312.00	87.90	180.94	10,833.54	5,302.72 S	782.49 W	493,254.87	754,423.62	0.70	5,345.65	-177.40	
16,407.00	88.21	180.93	10,836.76	5,397.66 S	784.04 W	493,159.93	754,422.07	0.33	5,440.45	-1.85	
16,501.00	88.37	179.94	10,839.57	5,491.61 S	784.76 W	493,065.98	754,421.35	1.07	5,534.20	-80.83	
16,596.00	88.16	179.31	10,842.44	5,586.56 S	784.13 W	492,971.03	754,421.98	0.70	5,628.86	-108.45	
16,691.00	88.44	179.23	10,845.26	5,681.51 S	782.93 W	492,876.08	754,423.18	0.31	5,723.47	-15.94	
16,785.00	88.28	179.11	10,847.95	5,775.47 S	781.56 W	492,782.12	754,424.55	0.21	5,817.07	-143.14	
16,880.00	88.20	179.52	10,850.87	5,870.41 S	780.43 W	492,687.18	754,425.68	0.44	5,911.68	101.05	
16,975.00	88.41	179.77	10,853.68	5,965.37 S	779.84 W	492,592.22	754,426.27	0.34	6,006.34	49.96	

HALLIBURTON**Design Report for Llama Mall 26-35 Fed Com 24H - Final Surveys**

Measured		Grid	Vertical	Local Coordinates		Map Coordinates		Dogleg	Vertical	Toolface	Comments
Depth (usft)	Inclination (°)	Azimuth (°)	Depth (usft)	Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)	Rate (°/100ft)	Section (usft)	Angle (°)	
17,069.00	88.57	179.27	10,856.16	6,059.33 S	779.05 W	492,498.26	754,427.06	0.56	6,100.00	-72.26	
17,164.00	88.40	179.99	10,858.67	6,154.30 S	778.44 W	492,403.29	754,427.67	0.78	6,194.67	103.30	
17,259.00	88.69	179.06	10,861.08	6,249.26 S	777.65 W	492,308.33	754,428.46	1.03	6,289.32	-72.69	
17,354.00	90.08	179.70	10,862.10	6,344.25 S	776.62 W	492,213.34	754,429.49	1.61	6,383.98	24.73	
17,448.00	89.72	179.57	10,862.26	6,438.25 S	776.03 W	492,119.34	754,430.08	0.41	6,477.69	-160.14	
17,542.00	89.68	179.88	10,862.76	6,532.24 S	775.57 W	492,025.35	754,430.54	0.33	6,571.40	97.35	
17,637.00	90.18	179.15	10,862.87	6,627.24 S	774.77 W	491,930.35	754,431.34	0.93	6,666.08	-55.59	
17,732.00	90.07	179.61	10,862.67	6,722.23 S	773.74 W	491,835.36	754,432.37	0.50	6,760.75	103.45	
17,827.00	89.89	179.76	10,862.70	6,817.23 S	773.22 W	491,740.36	754,432.89	0.25	6,855.46	140.19	
17,922.00	90.12	179.44	10,862.69	6,912.23 S	772.56 W	491,645.36	754,433.55	0.41	6,950.15	-54.29	
18,016.00	89.69	179.31	10,862.85	7,006.22 S	771.53 W	491,551.37	754,434.58	0.48	7,043.82	-163.18	
18,111.00	90.24	179.22	10,862.90	7,101.22 S	770.31 W	491,456.37	754,435.80	0.59	7,138.47	-9.29	
18,206.00	90.11	179.79	10,862.61	7,196.21 S	769.49 W	491,361.38	754,436.62	0.62	7,233.16	102.85	
18,301.00	90.03	179.58	10,862.50	7,291.21 S	768.97 W	491,266.38	754,437.14	0.24	7,327.86	-110.85	
18,396.00	90.05	179.89	10,862.43	7,386.21 S	768.53 W	491,171.38	754,437.58	0.33	7,422.58	86.31	
18,490.00	89.68	179.90	10,862.65	7,480.21 S	768.36 W	491,077.38	754,437.75	0.39	7,516.32	178.45	
18,585.00	89.22	179.28	10,863.57	7,575.20 S	767.68 W	490,982.39	754,438.43	0.81	7,611.01	-126.58	
18,680.00	89.72	179.54	10,864.44	7,670.19 S	766.70 W	490,887.40	754,439.41	0.59	7,705.67	27.47	
18,775.00	89.94	178.94	10,864.73	7,765.18 S	765.44 W	490,792.41	754,440.67	0.67	7,800.32	-69.86	
18,869.00	89.72	179.25	10,865.00	7,859.17 S	763.96 W	490,698.42	754,442.15	0.40	7,893.95	125.36	
18,964.00	89.99	179.68	10,865.25	7,954.17 S	763.07 W	490,603.42	754,443.04	0.53	7,988.63	57.88	
19,059.00	89.61	179.54	10,865.58	8,049.16 S	762.42 W	490,508.43	754,443.69	0.43	8,083.32	-159.78	
19,154.00	90.15	179.51	10,865.78	8,144.16 S	761.63 W	490,413.43	754,444.48	0.57	8,178.01	-3.18	
19,248.00	89.93	179.41	10,865.71	8,238.15 S	760.75 W	490,319.44	754,445.36	0.26	8,271.69	-155.56	
19,343.00	90.07	179.47	10,865.71	8,333.15 S	759.82 W	490,224.44	754,446.29	0.16	8,366.37	23.20	
19,438.00	90.13	179.62	10,865.54	8,428.15 S	759.07 W	490,129.44	754,447.04	0.17	8,461.06	68.20	
19,532.00	89.98	179.69	10,865.45	8,522.14 S	758.50 W	490,035.45	754,447.61	0.18	8,554.76	154.98	
19,627.00	90.02	179.86	10,865.45	8,617.14 S	758.13 W	489,940.45	754,447.98	0.18	8,649.48	76.76	
19,722.00	90.15	180.11	10,865.31	8,712.14 S	758.10 W	489,845.45	754,448.01	0.30	8,744.23	62.53	
19,816.00	89.90	179.31	10,865.27	8,806.14 S	757.63 W	489,751.45	754,448.48	0.89	8,837.94	-107.35	
19,911.00	90.06	179.44	10,865.31	8,901.14 S	756.59 W	489,656.45	754,449.52	0.22	8,932.61	39.09	
20,006.00	89.96	179.35	10,865.29	8,996.13 S	755.59 W	489,561.46	754,450.52	0.14	9,027.27	-138.01	
20,100.00	89.75	179.32	10,865.53	9,090.12 S	754.50 W	489,467.47	754,451.61	0.23	9,120.94	-171.87	
20,195.00	89.78	179.34	10,865.92	9,185.12 S	753.38 W	489,372.47	754,452.73	0.04	9,215.60	33.69	
20,289.00	90.66	180.03	10,865.56	9,279.11 S	752.87 W	489,278.48	754,453.24	1.19	9,309.31	38.10	
20,384.00	90.16	179.70	10,864.88	9,374.11 S	752.64 W	489,183.48	754,453.47	0.63	9,404.03	-146.57	
20,478.00	90.25	179.57	10,864.54	9,468.11 S	752.05 W	489,089.48	754,454.06	0.17	9,497.74	-55.30	

HALLIBURTON

Lea County, NM (NAD83)

Design Report for Llama Mall 26-35 Fed Com 24H - Final Surveys

Measured Depth (usft)	Inclination (°)	Grid Azimuth (°)	Vertical Depth (usft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (usft)	Toolface Angle (°)	Comments
				Northing (usft)	Easting (usft)	Northing (usft)	Easting (usft)				
20,572.00	90.53	179.57	10,863.90	9,562.10 S	751.34 W	488,995.49	754,454.77	0.30	9,591.43	0.00	
20,667.00	89.77	179.38	10,863.65	9,657.10 S	750.47 W	488,900.49	754,455.64	0.82	9,686.11	-165.96	
20,762.00	90.20	179.72	10,863.68	9,752.09 S	749.72 W	488,805.50	754,456.39	0.58	9,780.80	38.33	
20,857.00	89.81	179.73	10,863.67	9,847.09 S	749.27 W	488,710.50	754,456.84	0.41	9,875.51	178.53	
20,952.00	89.97	179.75	10,863.85	9,942.09 S	748.84 W	488,615.50	754,457.27	0.17	9,970.23	7.13	
21,002.09	89.88	179.24	10,863.91	9,992.18 S	748.39 W	488,565.41	754,457.72	1.03	10,020.15	-99.62	LTP 100' HLC @ 21002'MD
21,010.00	89.87	179.16	10,863.93	10,000.09 S	748.28 W	488,557.50	754,457.83	1.03	10,028.03	-99.62	Last Gordon MWD Svy @ 21010.00' MD
21,060.00	89.87	179.16	10,864.04	10,050.08 S	747.55 W	488,507.51	754,458.56	0.00	10,077.84	0.00	Projection to TD @ 21060.00' MD

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
24.00	24.00	0.00	0.00	Ground Level @ 24.00' MD
6,610.00	6,589.21	121.81	-169.06	Tie-in @ 6610.00' MD
6,757.00	6,732.60	138.70	-196.67	First Sperry MWD Svy @ 6757.00' MD
10,567.77	10,503.15	294.41	-501.66	Enter 330' ELC @ 10568'MD
11,202.00	10,808.37	-211.14	-678.78	Last Sperry MWD Svy @ 11202.00' MD
11,280.00	10,817.91	-282.87	-707.89	First Gordon MWD Svy @ 11280.00' MD
11,441.86	10,836.95	-435.25	-758.36	Enter 50' L/R @ 11442'MD
15,819.61	10,826.57	-4,810.45	-776.56	SLC @ 15820'MD
21,002.09	10,863.91	-9,992.18	-748.39	LTP 100' HLC @ 21002'MD
21,010.00	10,863.93	-10,000.09	-748.28	Last Gordon MWD Svy @ 21010.00' MD
21,060.00	10,864.04	-10,050.08	-747.55	Projection to TD @ 21060.00' MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin		Start TVD (usft)
				+N/_S (usft)	+E/-W (usft)	
Target	Llama Mall 24H PBHL	184.18	Slot	0.00	0.00	0.00



Design Report for Llama Mall 26-35 Fed Com 24H - Final Surveys

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
24.00	997.00	Surface Adjusted +10 ft	3_MWD+HRGM+MS+Sag
1,114.00	6,610.00	Intermediate 1	Superior
			MWD+IFR1+SAG+FDIR
6,662.00	11,202.00	Intermediate 2	Superior
			MWD+IFR1+SAG+FDIR
11,280.00	21,010.00	Production	Superior
			MWD+IFR1+SAG+FDIR
21,060.00	21,060.00	PTD	3_Blind

Design Targets

Target Name	Dip	Dip							
- hit/miss target	Angle	Dir.	TVD	+N/-S	+E/-W	Northing	Easting		
- Shape	()	()	()	()	()	()	()	Latitude	Longitude
()									

Directional Difficulty Index

Average Dogleg over Survey:	1.02 °/100ft	Maximum Dogleg over Survey:	13.01 °/100ft at 10,445.00 usft
Net Tortousity applicable to Plans:	0.32 °/100ft	Directional Difficulty Index:	6.669

Audit Info

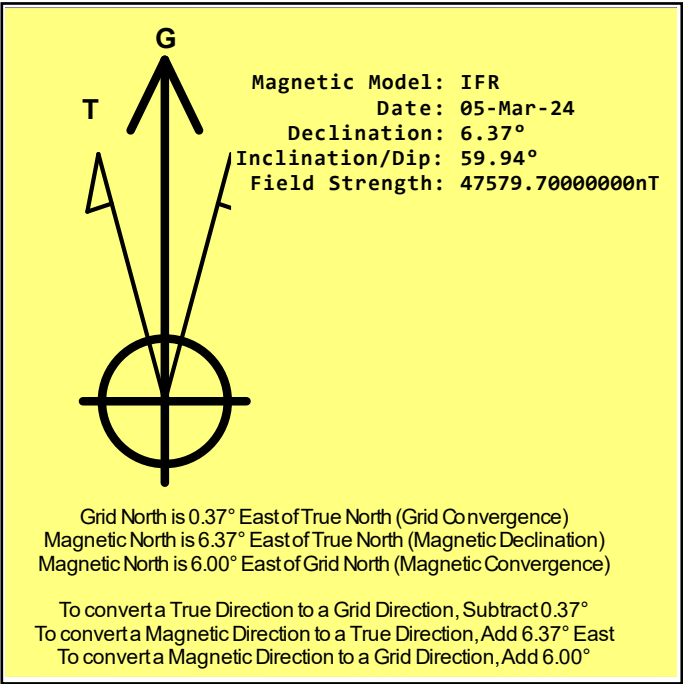
HALLIBURTON

North Reference Sheet for Llama Mall Pad (22S-32E-Sec 26) - Llama Mall 26-35 Fed Com 24H - OH

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.
Vertical Depths are relative to GL 3742' + KB 24' @ 3766.00usft (Citadel 3). Northing and Easting are relative to Llama Mall 26-35 Fed Com 24H
Coordinate System is US State Plane 1983, New Mexico Eastern Zone using datum North American Datum 1983, ellipsoid GRS 1980
Projection method is Transverse Mercator (Gauss-Kruger)
Central Meridian is 104° 20' 0.00 W°, Longitude Origin:0° 0' 0.00 E°, Latitude Origin:0° 0' 0.00 N°
False Easting: 541,337.50usft, False Northing: 0.00usft, Scale Reduction: 0.99996148

Grid Coordinates of Well: 498,557.59 usft N, 755,206.11 usft E
Geographical Coordinates of Well: 32° 22' 7.33 N, 103° 38' 26.26 W
Grid Convergence at Surface is: 0.37°

Based upon Minimum Curvature type calculations, at a Measured Depth of 21,060.00usft
the Bottom Hole Displacement is 10,077.85usft in the Direction of 184.25° (Grid).
Magnetic Convergence at surface is: -6.00° (5 March 2024, , IFR)



Well Name: LLAMA MALL 26-35 FEDERAL	Well Location: T22S / R32E / SEC 26 / LOT 1 / 32.368701 / -103.640629	County or Parish/State: LEA / NM
Well Number: 24H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM2379	Unit or CA Name:	Unit or CA Number:
US Well Number: 300255030700X1	Operator: OXY USA INCORPORATED	

Subsequent Report

Sundry ID: 2786200

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 04/22/2024	Time Sundry Submitted: 01:42
Date Operation Actually Began: 03/31/2024	

Actual Procedure: RUPU 03/31/2024. RIH & clean out to PBTD @ 21016'M/10864'V. 4/2/24 Pressure test casing to 6000# for 30 min, good test. RIH & perf @ 10785'-20936'. Total 1221 holes. Frac in 37 stages w/ 346339bbbls Produced Water + 10111bbbls Brackish Water (> 1,000 mg/l TDS and 10,000 mg/l TDS) w/ 25412369lbs sand. 4/9/24 RD Frac. 4/12/24 RD CT, well ready to produce. OXY USA Inc. requests a tubing exception while continuing to flow back this well. The estimated date of tubing install is 06/15/2024.

Received by OCD: 6/10/2024 3:13:08 PM

Page 15 of 22

Well Name: LLAMA MALL 26-35 FEDERAL	Well Location: T22S / R32E / SEC 26 / LOT 1 / 32.368701 / -103.640629	County or Parish/State: LEA / NM
Well Number: 24H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM2379	Unit or CA Name:	Unit or CA Number:
US Well Number: 300255030700X1	Operator: OXY USA INCORPORATED	

Operator

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

Operator Electronic Signature: LESLIE REEVES	Signed on: APR 22, 2024 01:41 PM
Name: OXY USA INCORPORATED	
Title: Advisor Regulatory	
Street Address: 5 GREENWAY PLAZA, SUITE 110	
City: HOUSTON	State: TX
Phone: (713) 497-2492	
Email address: LESLIE_REEVES@OXY.COM	

Field

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

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 05/09/2024
Signature: Jonathon Shepard	

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No.
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		
	Title	
Signature	Date	

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

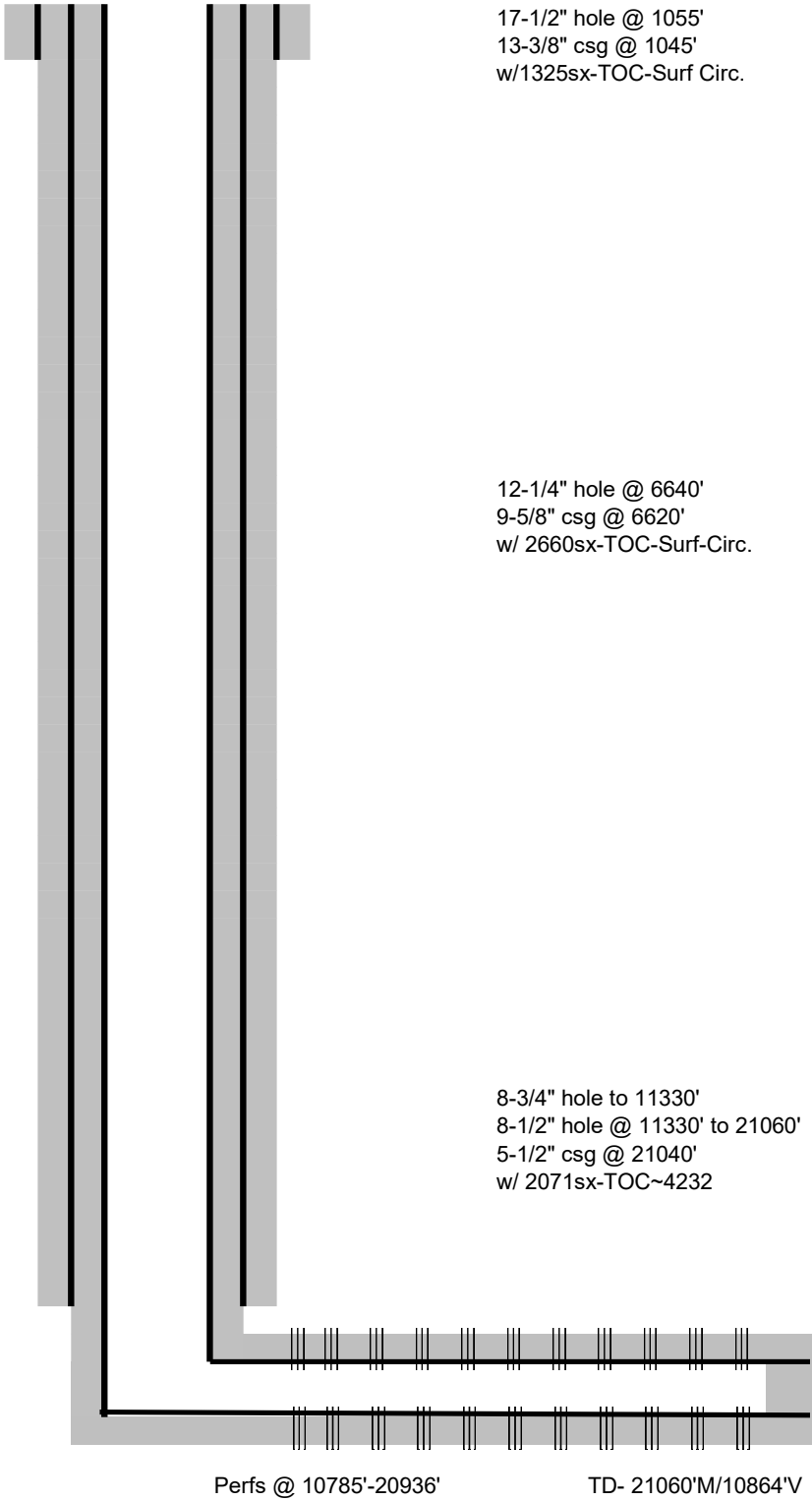
0. SHL: LOT 1 / 480 FNL / 1150 FEL / TWSP: 22S / RANGE: 32E / SECTION: 26 / LAT: 32.368701 / LONG: -103.640629 (TVD: 0 feet, MD: 0 feet)

PPP: LOT 2 / 100 FNL / 2200 FEL / TWSP: 22S / RANGE: 32E / SECTION: 26 / LAT: 32.369735 / LONG: -103.644031 (TVD: 10819 feet, MD: 11255 feet)

BHL: LOT 15 / 20 FSL / 1960 FEL / TWSP: 22S / RANGE: 32E / SECTION: 35 / LAT: 32.341028 / LONG: -103.644001 (TVD: 10919 feet, MD: 21405 feet)

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017				
1. WELL API NO. 30-025-50307										
2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN										
3. State Oil & Gas Lease No.										
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 LLAMA MALL 26-35 FEDERAL				
						6. Well Number: #024H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator OXY USA INC.						9. OGRID 16696				
10. Address of Operator 5 GREENWAY PLAZA, SUITE 110, HOUSTON TX 77046						11. Pool name or Wildcat RED TANK; BONE SPRING				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	26	22S	32E		480	NORTH	1150	EAST	LEA
BH:	O	35	22S	32E		42	SOUTH	1971	EAST	LEA
13. Date Spudded 12/06/2023	14. Date T.D. Reached 03/18/2024	15. Date Rig Released 03/21/2024			16. Date Completed (Ready to Produce) 04/12/2024			17. Elevations (DF and RKB, RT, GR, etc.) 3742' GL		
18. Total Measured Depth of Well 21060'M/10864'V			19. Plug Back Measured Depth 21016'M/10864'V			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run GR, CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10785'-20936'; 2nd BONE SPRING										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13-3/8"		54.5# J-55 BTC		1045'		17-1/2"		1325sx - TOC Surf		
9-5/8"		40# L-80 HC BTC		6620'		12-1/4"		2660sx - TOC Surf		
5-1/2"		20# P-110 ICY		21040'		8-3/4" to 11330'		2071sx-TOC~4232'		
5-1/2"		20# P-110 ICY		21040'		8-1/2" to 21060'		2071sx-TOC~4232'		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD					
					SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 10785'-20936'; 0.42, total 1221 holes					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					10785'-20936'		346339bbbls Produced Water + 10111bbbls			
							Brackish Water w/ 25412369lbs sand			
28. PRODUCTION										
Date First Production 4/18/2024		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PROD				
Date of Test 04/25/2024	Hours Tested 24 HOURS	Choke Size	Prod'n For Test Period	Oil - Bbl 6522	Gas - MCF 4120	Water - Bbl. 7656	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure 1735	Calculated 24-Hour Rate	Oil - Bbl. 6522	Gas - MCF 4120	Water - Bbl. 7656	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD							30. Test Witnessed By			
31. List Attachments GR, CBL, DIRECTIONAL, AS-DRILLED C-102, COMP SUNDRY										
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>Leslie T. Reeves</i>		Printed Name		Title		Date				
		LESLIE REEVES		REGULATORY MANAGER		6/7/2024				
E-mail Address LESLIE_REEVES@OXY.COM										

OXY USA Inc.
LLAMA MALL 26-35 FEDERAL #024H
API No. 30-025-50307



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 351942

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 351942
	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
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

CONDITIONS

Action 351942

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 351942
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	6/13/2024
plmartinez	Submit the Well Log to OCD Permitting as [UF-WL] EP Well Log Submission	6/13/2024