

1625 N. French Dr., Hobbs, NM 88240

Energy, Minerals & Natural Resources

Revised August 1, 2011

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

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 - 01/22/2020
⁴ API Number 30-015-45333	⁵ Pool Name WC-015 G-08 S233135D; WOLFCAMP	⁶ Pool Code 98236
⁷ Property Code: 321632	⁸ Property Name: IRIDIUM MDP1 28-21 FEDERAL COM	⁹ Well Number: 175H

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	33	23S	31E		276'	NORTH	599	EAST	EDDY

¹¹ Bottom Hole Location

FTP: 241' FSL 1878' FEL LTP: 148' FNL 11914' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	21	23S	31E		26'	NORTH	1916	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 01/23/2020	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 08/30/2019	²² Ready Date 01/22/2020	²³ TD 11557'V/22470'M	²⁴ PBTD 11555'V/22382'M	²⁵ Perforations 12168' - 22347'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	558'	715 (Surface)		
12-1/4"	9-5/8"	4393'	1402 (Surface)		
8-3/4"	7-5/8"	11025'	1091 (Surface)		
6-3/4"	5-1/2"	22415'	775 (TOC~10525')		
	2-3/8"	11318'			

V. Well Test Data

³¹ Date New Oil 01/23/2020	³² Gas Delivery Date 01/23/2020	³³ Test Date 2/12/2020	³⁴ Test Length 24hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 2110
³⁷ Choke Size 40/128	³⁸ Oil 3436	³⁹ Water 6351	⁴⁰ Gas 9849		⁴¹ Test Method Flow Back

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: April Santos

Printed name:
April SantosTitle:
Regulatory SpecialistE-mail Address:
April_Hood@oxy.com

Date: 07/16/20 Phone: 713-366-5771

OIL CONSERVATION DIVISION

Approved by:

Title:

BUSINESS OP. SPEC.

Approval Date:

12/18/2020

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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
(As-Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-45333	Pool Code 98236	Pool Name Wildcat Wolfcamp
Property Code 321632	Property Name IRIDIUM MDP1 "28-21" FEDERAL COM	Well Number 175H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3403.1'

Surface Location

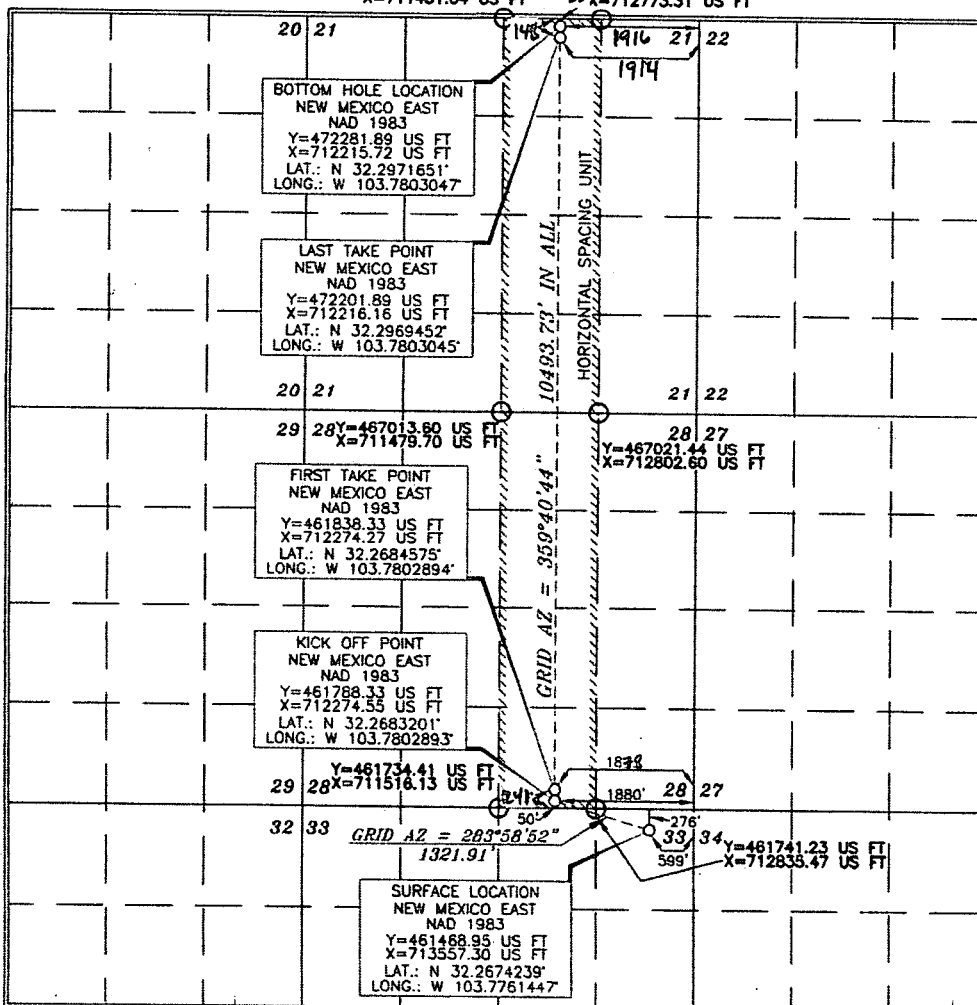
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	33	23 SOUTH	31 EAST, N.M.P.M.		276'	NORTH	599'	EAST	EDDY

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
B	21	23 SOUTH	31 EAST, N.M.P.M.		28' 26'	NORTH	1880' 1916'	EAST	EDDY
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.	FTP- 241 FSL 1878 FEL (O, sec. 28) LTP- 148 FNL 1914 FEL (B, sec. 21)					

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.

Y=472297.71 US FT
X=711431.04 US FT
Y=472304.94 US FT
X=712773.31 US FT



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: *Jana Mendiola* Date: 1/21/20
Printed Name: Jana Mendiola
E-mail Address: janamendiola@oxy.com

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: *Terry J. Asel* Date of Survey: JANUARY 31, 2018
Professional Surveyor: 15079

Certificate Number: 15079

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EMNRD-OCD ARTESIAIntent ☐ As Drilled ☒

API # 30-015-45333	Operator Name: OXY USA INC.		Property Name: IRIDIUM MDP1 28-21 FEDERAL COM	Well Number 175H
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Kick Off Point (KOP)

UL O	Section 28	Township 23S	Range 31E	Lot	Feet 24	From N/S S	Feet 1757	From E/W E	County EDDY
Latitude 32.26662					Longitude -103.77989			NAD NAD83	

First Take Point (FTP)

UL O	Section 28	Township 23S	Range 31E	Lot	Feet 241	From N/S S	Feet 1878	From E/W E	County EDDY
Latitude 32.26886					Longitude -103.78028			NAD NAD83	

Last Take Point (LTP)

UL B	Section 21	Township 23S	Range 31E	Lot	Feet 148	From N/S N	Feet 1914	From E/W E	County EDDY
Latitude 32.29683					Longitude -103.78022			NAD NAD83	

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

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

API #	Operator Name:		Property Name:	Well Number

KZ 06/29/2018



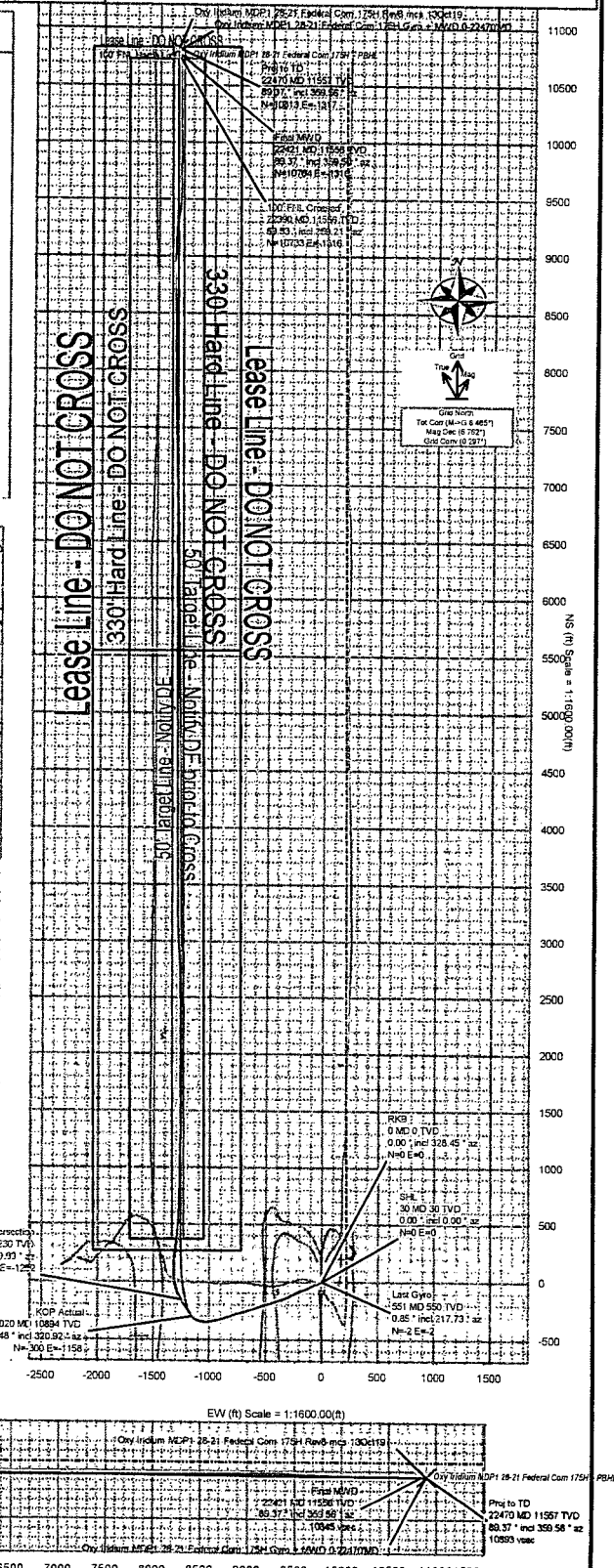
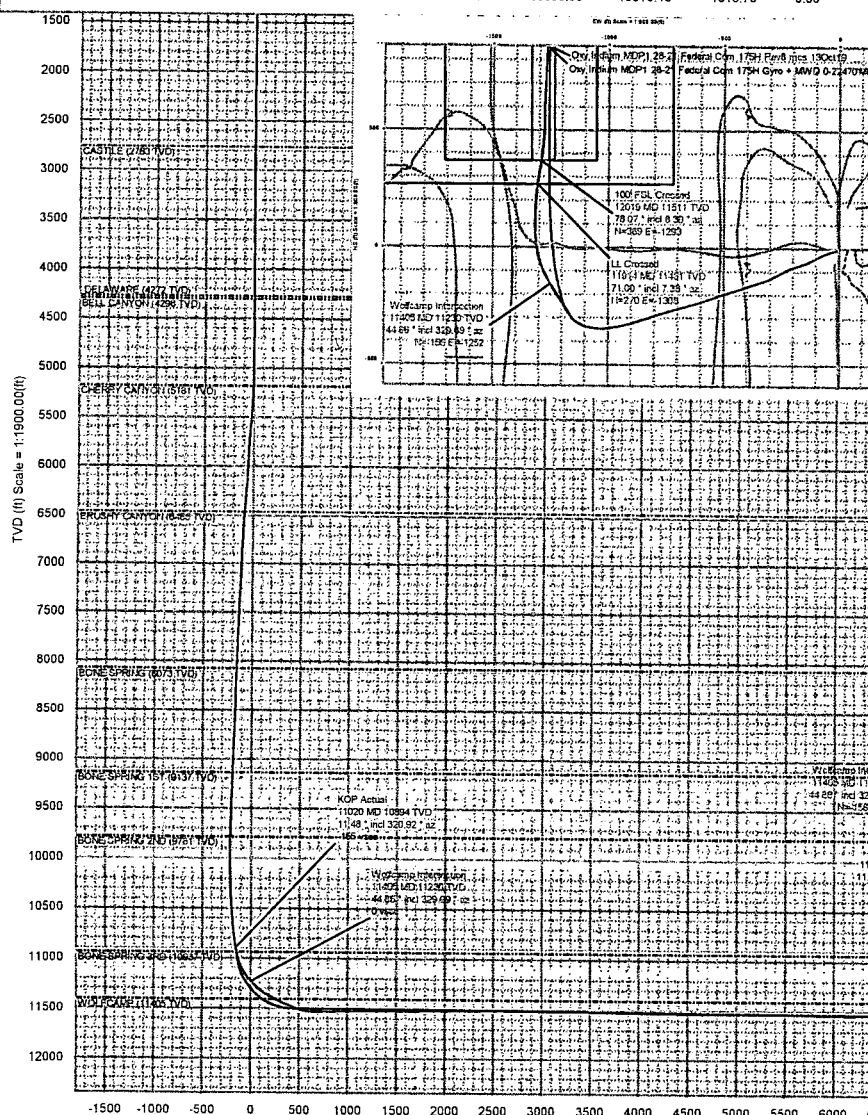
OXY



Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Iridium MDP1 28-21 Federal Com 175H	NM Eddy County (NAD 83)	Oxy Iridium MDP1 28-21 Federal Com 175H

Gravity & Magnetic Parameters			Surface Location			NAD83 New Mexico State Plane, Eastern Zone, US Feet			Miscellaneous		
Model: IFR1	Dip: S9.944°	Date: 04-Oct-2019	Lat: N 32 16 2.73	Northing: 461468.95RUS	Grid Conv: 0.2975°	Slot: 26-21 Federal	TVD Ref: RKB=30°(3433.1ft above MSL)				
MagDec: 6.762°	FS: 47934.3nT	Gravity FS: 998.443mgm (9.80665 Based)	Lon: W 103 46 34.12	Easting: 713557.1RUS	Scale Fact: 0.99994306	Com 175H					
						Plan: Oxy Indium MDP1					
						Com 175H					
						Plan: Oxy Indium MDP1 26-21 Federal	Com 175H	Gyro + MWD	0.224703MD		

Critical Points								
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
RKB	0.00	0.00	328.45	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	550.50	0.85	217.73	550.48	-1.30	-1.54	-1.85	0.54
KOP Actual	11020.00	11.48	320.92	10894.13	-155.20	-300.05	-1157.78	2.52
Wolfcamp Intersection	11405.00	44.86	329.69	11230.10	-0.19	-155.51	-1251.77	8.12
LL Crossed	11914.00	71.00	7.38	11480.73	428.95	269.90	-1308.34	3.87
100' FSL Crossed	12019.00	78.07	8.39	11511.02	525.70	369.24	-1293.41	12.99
100' FNL Crossed	22390.00	89.53	359.21	11556.00	10813.86	10733.49	-1316.05	1.24
Final MWD	22421.00	89.37	359.56	11556.30	10844.66	10764.49	-1316.38	1.24
Proj to TD	22470.00	89.37	359.56	11556.84	10893.33	10813.48	-1316.76	0.00



Vertical Section (ft) Azim = 352.93° Scale = 1:1900.00(ft) Origin = 0N/-S, 0E/-W

Schlumberger

Oxy Iridium MDP1 28-21 Federal Com 175H Gyro + MWD 0-22470' MD

Survey Geodetic Report

(Def Survey)



Report Date: October 28, 2019 - 12:54 PM
 Client: OXY
 Field: NM Eddy County (NAD 83)
 Structure / Slot: Oxy Iridium MDP1 28-21 Federal Com 175H / Oxy Iridium MDP1 28-21 Federal Com 175H
 Well: Oxy Iridium MDP1 28-21 Federal Com 175H
 Borehole: Original Borehole
 UWI / API#: Unknown / 30-015-45333
 Survey Name: Oxy Iridium MDP1 28-21 Federal Com 175H Gyro + MWD 0-22470' MD
 Survey Date: September 29, 2019
 Tort / AHD / DDI / ERD Ratio: 273.399' / 12400.187 ft / 6.819' / 1.073
 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 16' 2.72618", W 103° 46' 34.12096"
 Location Grid N/E Y/X: N 461468.950 NUS, E 713557.300 NUS
 CRS Grid Convergence Angle: 0.2975°
 Grid Scale Factor: 0.99994306
 Version / Patch: 2.10.782.0

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 352.927° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB=30'
 TVD Reference Elevation: 3433.100 ft above MSL
 Seabed / Ground Elevation: 3403.100 ft above MSL
 Magnetic Declination: 6.762°
 Total Gravity Field Strength: 998.4485mgn (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 47934.300 nT
 Magnetic Dip Angle: 59.944°
 Declination Date: October 04, 2019
 Magnetic Declination Model: IFR1
 North Reference: Grid North
 Grid Convergence Used: 0.2975°
 Total Corr Mag North->Grid North: 6.4645°
 Local Coord Referenced To: Well Head

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EMNRD-ODC ARTESIA

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 ° ' ")
RKB	0.00	0.00	328.45	0.00	0.00	0.00	0.00	N/A	461468.95	713557.30	N 32 16 2.73	W 103 46 34.12
SHL	30.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	461468.95	713557.30	N 32 16 2.73	W 103 46 34.12
	107.50	0.26	41.62	107.50	0.12	0.13	0.12	0.34	461469.08	713557.42	N 32 16 2.73	W 103 46 34.12
	134.50	0.35	92.07	134.50	0.14	0.17	0.24	1.01	461469.12	713557.54	N 32 16 2.73	W 103 46 34.12
	164.50	0.31	264.53	164.50	0.13	0.16	0.25	2.20	461469.11	713557.55	N 32 16 2.73	W 103 46 34.12
	190.50	0.24	249.03	190.50	0.12	0.14	0.13	0.39	461469.09	713557.43	N 32 16 2.73	W 103 46 34.12
	217.50	0.33	277.03	217.50	0.13	0.13	0.00	0.60	461469.08	713557.30	N 32 16 2.73	W 103 46 34.12
	248.50	0.33	158.28	248.50	0.06	0.05	-0.06	1.83	461469.00	713557.24	N 32 16 2.73	W 103 46 34.12
	278.50	0.44	109.32	278.50	-0.07	-0.06	0.08	1.11	461468.89	713557.38	N 32 16 2.73	W 103 46 34.12
	310.50	0.56	258.66	310.50	-0.14	-0.14	0.05	3.02	461468.81	713557.35	N 32 16 2.72	W 103 46 34.12
	341.50	0.51	250.74	341.50	-0.18	-0.21	-0.23	0.29	461468.74	713557.07	N 32 16 2.72	W 103 46 34.12
	373.50	0.58	263.79	373.49	-0.21	-0.28	-0.53	0.44	461468.67	713556.77	N 32 16 2.72	W 103 46 34.13
	408.50	0.61	239.64	408.49	-0.28	-0.39	-0.86	0.72	461468.56	713556.44	N 32 16 2.72	W 103 46 34.13
	436.50	0.57	239.99	436.49	-0.39	-0.53	-1.11	0.14	461468.42	713556.19	N 32 16 2.72	W 103 46 34.13
	467.50	0.62	238.79	467.49	-0.52	-0.70	-1.39	0.17	461468.25	713555.91	N 32 16 2.72	W 103 46 34.14
	499.50	0.67	172.44	499.49	-0.78	-0.97	-1.51	2.21	461467.98	713555.79	N 32 16 2.72	W 103 46 34.14
	530.50	0.85	225.08	530.49	-1.10	-1.31	-1.65	2.24	461467.64	713555.65	N 32 16 2.71	W 103 46 34.14
	550.50	0.85	217.73	550.48	-1.30	-1.54	-1.85	0.54	461467.41	713555.45	N 32 16 2.71	W 103 46 34.14
	665.00	0.06	152.14	664.98	-1.96	-2.26	-2.34	0.72	461466.69	713554.96	N 32 16 2.70	W 103 46 34.15
	755.00	0.09	168.51	754.98	-2.07	-2.37	-2.30	0.04	461466.58	713555.00	N 32 16 2.70	W 103 46 34.15
	846.00	0.11	230.08	845.98	-2.19	-2.50	-2.36	0.11	461466.45	713554.94	N 32 16 2.70	W 103 46 34.15
	936.00	0.09	277.25	935.98	-2.22	-2.55	-2.49	0.09	461466.40	713554.81	N 32 16 2.70	W 103 46 34.15
	1027.00	0.09	77.30	1026.98	-2.19	-2.52	-2.49	0.19	461466.43	713554.81	N 32 16 2.70	W 103 46 34.15
	1117.00	0.16	141.53	1116.98	-2.29	-2.60	-2.35	0.16	461466.35	713554.95	N 32 16 2.70	W 103 46 34.15
	1208.00	0.11	62.88	1207.98	-2.37	-2.66	-2.19	0.19	461466.29	713555.11	N 32 16 2.70	W 103 46 34.15
	1298.00	0.06	2.55	1297.98	-2.30	-2.58	-2.11	0.11	461466.37	713555.19	N 32 16 2.70	W 103 46 34.15
	1393.00	0.11	258.41	1392.98	-2.26	-2.55	-2.20	0.14	461466.41	713555.10	N 32 16 2.70	W 103 46 34.15
	1487.00	0.11	64.29	1486.98	-2.23	-2.52	-2.21	0.23	461466.43	713555.09	N 32 16 2.70	W 103 46 34.15
	1582.00	0.11	152.51	1581.98	-2.29	-2.57	-2.08	0.16	461466.38	713555.22	N 32 16 2.70	W 103 46 34.15
	1677.00	0.06	194.37	1676.98	-2.42	-2.69	-2.05	0.08	461466.26	713555.25	N 32 16 2.70	W 103 46 34.15
	1771.00	0.09	315.50	1770.98	-2.41	-2.69	-2.12	0.14	461466.26	713555.18	N 32 16 2.70	W 103 46 34.15
	1866.00	0.15	255.48	1865.98	-2.37	-2.67	-2.29	0.14	461466.28	713555.01	N 32 16 2.70	W 103 46 34.15
	1961.00	0.09	142.52	1960.98	-2.45	-2.76	-2.36	0.21	461466.19	713554.94	N 32 16 2.70	W 103 46 34.15
	2055.00	0.06	337.40	2054.98	-2.46	-2.77	-2.34	0.16	461466.18	713554.96	N 32 16 2.70	W 103 46 34.15
	2150.00	0.16	211.45	2149.98	-2.52	-2.84	-2.43	0.21	461466.11	713554.88	N 32 16 2.70	W 103 46 34.15
	2244.00	0.09	130.40	2243.98	-2.68	-3.00	-2.44	0.18	461465.95	713554.86	N 32 16 2.70	W 103 46 34.15
	2339.00	0.11	66.39	2338.98	-2.70	-3.01	-2.30	0.11	461465.94	713555.00	N 32 16 2.70	W 103 46 34.15
	2433.00	0.15	26.21	2432.98	-2.58	-2.86	-2.16	0.10	461466.09	713555.14	N 32 16 2.70	W 103 46 34.15
	2528.00	0.12	77.49	2527.98	-2.46	-2.73	-2.01	0.13	461466.22	713555.29	N 32 16 2.70	W 103 46 34.14
	2623.00	0.06	125.36	2622.98	-2.49	-2.74	-1.87	0.10	461466.21	713555.43	N 32 16 2.70	W 103 46 34.14
	2717.00	0.09	219.67	2716.98	-2.57	-2.82	-1.88	0.12	461466.13	713555.42	N 32 16 2.70	W 103 46 34.14
	2812.00	0.06	25.98	2811.98	-2.58	-2.84	-1.90	0.16	461466.11	713555.40	N 32 16 2.70	W 103 46 34.14
	2907.00	0.11	244.13	2906.98	-2.57	-2.83	-1.96	0.17	461466.12	713555.34	N 32 16 2.70	W 103 46 34.14
	3001.00	0.11	98.13	3000.98	-2.62	-2.88	-1.96	0.22	461466.07	713555.34	N 32 16 2.70	W 103 46 34.14
	3096.00	0.03	38.66	3095.98	-2.63	-2.88	-1.85	0.10	461466.07	713555.45	N 32 16 2.70	W 103 46 34.14
	3191.00	0.16	111.42	3190.98	-2.67	-2.91	-1.71	0.16	461466.04	713555.59	N 32 16 2.70	W 103 46 34.14
	3286.00	0.03	184.86	3285.98	-2.76	-2.98	-1.59	0.16	461465.97	713555.71	N 32 16 2.70	W 103 46 34.14
	3380.00	0.06	33.85	3379.98	-2.75	-2.96	-1.56	0.09	461465.99	713555.74	N 32 16 2.70	W 103 46 34.14
	3475.00	0.07	6.54	3474.98	-2.65	-2.86	-1.53	0.03	461466.09	713555.77	N 32 16 2.70	W 103 46 34.14
	3570.00	0.15	71.95	3569.98	-2.57	-2.77	-1.40	0.14	461466.18	713555.90	N 32 16 2.70	W 103 46 34.14
	3664.00	0.14	246.12	3663.98	-2.58	-2.78	-1.39	0.31	461466.17	713555.91	N 32 16 2.70	W 103 46 34.14
	3759.00	0.16	44.02	3758.98	-2.53	-2.73	-1.41	0.31	461466.22	713555.89	N 32 16 2.70	W 103 46 34.14
	3854.00	0.15	128.59	3853.98	-2.54	-2.71	-1.22	0.22	461466.24	713556.08	N 32 16 2.70	W 103 46 34.14
	3948.00	0.06	235.18	3947.98	-2.65	-2.81	-1.16	0.19	461466.14	713556.14	N 32 16 2.70	W 103 46 34.13
	4043.00	0.11	228.34	4042.97	-2.72	-2.90	-1.27	0.05	461466.05	713556.03	N 32 16 2.70	W 103 46 34.14
	4137.00	0.11	87.56	4136.97	-2.78	-2.96	-1.25	0.22	461465.99	713556.05	N 32 16 2.70	W 103 46 34.14
	4232.00	0.18	119.27	4231.97	-2.88	-3.03	-1.03	0.11	461465.92	713556.27	N 32 16 2.70	W 103 46 34.13
	4286.00	0.15	117.90	4285.97	-2.97	-3.10	-0.89	0.06	461465.85	713556.41	N 32 16 2.70	W 103 46 34.13
	4466.00	0.03	6.28	4465.97	-3.06	-3.17	-0.68	0.09	461465.78	713556.62	N 32 16 2.69	W 103 46 34.13
	4498.00	0.14	256.14	4497.97	-3.06	-3.17	-0.71	0.48	461465.78	713556.59	N 32 16 2.69	W 103 46 34.13
	4592.00	0.46	237.29	4591.97	-3.23	-3.40	-1.14	0.35	461465.55	713556.16	N 32 16 2.69	W 103 46 34.13
	4687.00	0.91	247.96	4686.97	-3.59	-3.89	-2.16	0.49	461465.06	713555.14	N 32 16 2.69	W 103 46 34.15
	4782.00	1.59	243.88	4781.94	-4.22	-4.75	-4.05	0.72	461464.20	713553.25	N 32 16 2.68	W 103 46 34.17
	4876.00	2.64	248.28	4875.88	-5.19	-6.13	-7.23	1.13	461462.82	713550.07	N 32 16 2.67	W 103 46 34.21
	4971.00	3.58	251.45	4970.74	-6.33	-7.88	-12.07	1.01	461461.07	713545.23	N 32 16 2.65	W 103 46 34.26
	5066.00	4.91	256.83	5065.47	-7.36	-9.75	-18.84	1.46	461459.20	713538.46	N 32 16 2.63	W 103 46 34.34
	5160.00	6.53	256.10	5159.00	-8.42	-11.95	-27.95	1.73	461457.00	713529.33	N 32 16 2.61	W 103 46 34.45
	5255.00	8.63	254.44	5253.17	-10.11	-15.16	-40.06	2.22	461453.79	713517.24	N 32 16 2.58	W 103 46 34.59
	5348.00	10.96	248.75	5344.81	-13.31	-20.24	-55.02	2.71	461448.71	713502.28	N 32 16 2.53	W 103 46 34.76
	5442.00	13.65	243.83	5436.64	-19.13	-28.37	-73.31	3.07	461440.58	713483.99	N 32 16 2.45	W 103 46 34.98
	5537.00	13.84	242.15	5528.92	-26.82	-38.62	-93.42	0.47	461430.33	713463.89	N 32 16 2.35	W 103 46 35.21
	5632.00	13.69	242.81	5621.19	-34.72	-49.07	-113.46	0.23	461419.89	713443.84	N 32 16 2.25	W 103 46 35.45
	5726.00	13.03	243.89	5712.65	-42.00	-58.81	-132.87	0.75	461410.14	713424.43	N 32 16 2.15	W 103 46 35.67
	5821.00	12.61	251.26	5805.29	-47.59	-66.86	-152.31	1.78	461402.10	713405.00	N 32 16 2.07	W 103 46 35.90
	5916.00	12.57	251.27	5898.00	-51.78	-73.51	-171.92	0.04	461395.45	713385.39	N 32 16 2.01	W 103 46 36.13
	6010.00	12.52	251.83	5989.76	-55.81	-79.97	-191.29	0.14	461388.98	713366.02	N 32 16 1.94	W 103 46 36.35
	6105.00	12.19	250.05									

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 ° ' ")
	6200.00	12.01	242.42	6175.45	-65.72	-94.60	-228.69	1.69	461374.35	713328.62	N 32 16 1.80 W	103 46 36.79
	6294.00	12.05	242.85	6267.39	-72.52	-103.61	-246.09	0.10	461365.35	713311.22	N 32 16 1.71 W	103 46 36.99
	6389.00	12.20	242.78	6360.27	-79.38	-112.72	-263.84	0.16	461356.23	713293.48	N 32 16 1.62 W	103 46 37.20
	6484.00	12.02	243.34	6453.16	-86.15	-121.75	-281.61	0.23	461347.20	713275.71	N 32 16 1.54 W	103 46 37.41
	6578.00	12.05	243.07	6545.09	-92.77	-130.59	-299.10	0.07	461338.37	713258.22	N 32 16 1.45 W	103 46 37.61
	6673.00	11.86	249.56	6638.03	-98.39	-138.49	-317.09	1.43	461330.47	713240.23	N 32 16 1.37 W	103 46 37.82
	6767.00	11.93	252.47	6730.02	-102.39	-144.79	-335.41	0.64	461324.17	713221.91	N 32 16 1.31 W	103 46 38.04
	6862.00	11.95	252.28	6822.96	-105.99	-150.74	-354.14	0.05	461318.22	713203.18	N 32 16 1.25 W	103 46 38.25
	6956.00	12.15	252.12	6914.89	-109.64	-156.74	-372.82	0.22	461312.22	713184.50	N 32 16 1.19 W	103 46 38.47
	7051.00	11.96	251.87	7007.80	-113.40	-162.87	-391.69	0.21	461306.09	713165.63	N 32 16 1.13 W	103 46 38.69
	7146.00	11.84	251.98	7100.75	-117.14	-168.95	-410.32	0.13	461300.01	713147.01	N 32 16 1.08 W	103 46 38.91
	7240.00	11.98	252.06	7192.73	-120.81	-174.94	-428.77	0.15	461294.02	713128.56	N 32 16 1.02 W	103 46 39.12
	7335.00	12.25	251.89	7285.61	-124.60	-181.11	-447.73	0.29	461287.85	713109.60	N 32 16 0.96 W	103 46 39.35
	7430.00	11.82	252.10	7378.53	-128.36	-187.23	-466.57	0.45	461281.73	713090.76	N 32 16 0.90 W	103 46 39.57
	7524.00	12.17	251.95	7470.47	-132.05	-193.26	-485.15	0.37	461275.70	713072.18	N 32 16 0.84 W	103 46 39.78
	7619.00	12.09	252.47	7563.35	-135.77	-199.36	-504.15	0.14	461269.60	713053.18	N 32 16 0.78 W	103 46 40.00
	7713.00	11.89	251.90	7655.27	-139.43	-205.38	-522.88	0.13	461263.59	713034.46	N 32 16 0.72 W	103 46 40.22
	7808.00	11.40	252.46	7748.21	-143.11	-211.41	-541.64	0.22	461257.55	713015.69	N 32 16 0.66 W	103 46 40.44
	7903.00	11.67	251.72	7841.25	-146.71	-217.30	-559.89	0.54	461251.66	712997.45	N 32 16 0.60 W	103 46 40.65
	7997.00	11.67	249.64	7933.35	-150.70	-223.53	-577.62	0.53	461245.44	712979.71	N 32 16 0.54 W	103 46 40.86
	8092.00	11.93	251.70	8026.34	-154.82	-229.95	-595.95	0.52	461239.01	712961.38	N 32 16 0.48 W	103 46 41.08
	8186.00	11.50	253.04	8118.39	-158.32	-235.74	-614.14	0.54	461233.23	712943.20	N 32 16 0.43 W	103 46 41.29
	8280.00	11.29	253.32	8210.53	-161.46	-241.11	-631.92	0.23	461227.85	712925.42	N 32 16 0.37 W	103 46 41.49
	8375.00	11.32	253.96	8303.69	-164.47	-246.35	-649.79	0.14	461222.61	712907.55	N 32 16 0.32 W	103 46 41.70
	8469.00	11.62	252.68	8395.81	-167.68	-251.81	-667.66	0.51	461217.15	712889.68	N 32 16 0.27 W	103 46 41.91
	8564.00	11.38	254.93	8488.91	-170.53	-256.94	-685.88	0.97	461212.03	712871.46	N 32 16 0.22 W	103 46 42.12
	8659.00	11.41	254.93	8582.03	-172.88	-261.56	-704.07	0.34	461207.40	712853.27	N 32 16 0.17 W	103 46 42.34
	8753.00	10.75	253.89	8674.28	-175.55	-266.41	-721.47	0.73	461202.55	712835.87	N 32 16 0.13 W	103 46 42.54
	8848.00	11.93	252.89	8767.43	-178.65	-271.76	-739.37	1.26	461197.21	712817.98	N 32 16 0.08 W	103 46 42.75
	8942.00	12.10	253.78	8859.37	-181.91	-277.37	-758.11	0.27	461191.60	712799.23	N 32 16 0.02 W	103 46 42.97
	9037.00	12.07	252.54	8952.26	-185.28	-283.13	-777.15	0.28	461185.84	712780.20	N 32 15 59.96 W	103 46 43.19
	9131.00	11.63	251.70	9044.26	-188.90	-289.05	-795.52	0.50	461179.91	712761.83	N 32 15 59.91 W	103 46 43.40
	9226.00	11.50	248.32	9137.33	-193.15	-295.56	-813.41	0.70	461173.41	712743.94	N 32 15 59.84 W	103 46 43.61
	9320.00	12.05	253.28	9228.35	-197.16	-301.84	-831.51	1.22	461167.12	712725.83	N 32 15 59.78 W	103 46 43.82
	9414.00	12.14	253.02	9321.27	-200.50	-307.55	-850.36	1.01	461161.41	712706.99	N 32 15 59.73 W	103 46 44.04
	9509.00	12.20	253.55	9414.13	-203.86	-313.31	-869.55	0.13	461155.65	712687.81	N 32 15 59.67 W	103 46 44.27
	9603.00	11.54	252.36	9506.12	-207.20	-318.98	-888.03	0.75	461149.99	712669.32	N 32 15 59.62 W	103 46 44.48
	9698.00	11.88	252.92	9598.15	-210.64	-324.73	-906.44	0.38	461144.24	712650.92	N 32 15 59.56 W	103 46 44.70
	9792.00	11.28	255.31	9691.23	-213.54	-329.90	-924.58	0.82	461139.07	712632.78	N 32 15 59.51 W	103 46 44.91
	9886.00	12.13	259.22	9783.28	-215.40	-334.08	-943.17	1.24	461134.89	712614.18	N 32 15 59.47 W	103 46 45.13
	9981.00	12.35	261.05	9876.12	-216.38	-337.53	-963.01	0.47	461131.44	712594.34	N 32 15 59.44 W	103 46 45.36
	10075.00	12.07	261.26	9967.99	-216.99	-340.58	-982.66	0.30	461128.39	712574.70	N 32 15 59.41 W	103 46 45.59
	10170.00	11.37	261.70	10061.01	-217.48	-343.44	-1001.74	0.74	461125.53	712555.62	N 32 15 59.38 W	103 46 45.81
	10265.00	11.52	266.58	10154.12	-217.08	-345.36	-1020.48	1.03	461123.61	712536.88	N 32 15 59.36 W	103 46 46.03
	10359.00	11.94	271.42	10246.16	-215.04	-348.68	-1039.57	1.14	461123.29	712517.79	N 32 15 59.36 W	103 46 46.25
	10454.00	11.87	277.31	10339.12	-211.17	-344.19	-1059.08	1.63	461124.78	712498.28	N 32 15 59.37 W	103 46 46.48
	10548.00	11.58	279.86	10431.16	-205.02	-341.35	-1077.97	0.28	461127.62	712479.40	N 32 15 59.40 W	103 46 46.70
	10643.00	10.40	283.41	10524.42	-200.24	-337.73	-1095.70	1.43	461131.24	712461.66	N 32 15 59.44 W	103 46 46.90
	10738.00	11.40	293.61	10617.71	-192.45	-331.98	-1112.65	2.28	461136.99	712444.72	N 32 15 59.50 W	103 46 47.10
	10832.00	11.83	299.92	10709.79	-181.91	-323.45	-1129.51	1.43	461145.52	712427.85	N 32 15 59.58 W	103 46 47.29
	10927.00	11.05	309.08	10802.91	-169.48	-312.85	-1145.02	2.08	461156.12	712412.34	N 32 15 59.69 W	103 46 47.47
	11020.00	11.48	320.92	10894.13	-155.20	-300.05	-1157.78	2.52	461168.92	712399.59	N 32 15 59.82 W	103 46 47.62
	11125.00	14.85	331.54	10986.37	-133.81	-280.10	-1170.78	3.94	461188.87	712386.59	N 32 16 0.01 W	103 46 47.77
	11219.00	29.79	325.62	11083.09	-101.65	-250.06	-1189.82	16.05	461218.90	712367.55	N 32 16 0.31 W	103 46 47.99
	11314.00	37.98	325.60	11161.89	-54.64	-206.40	-1219.71	8.62	461262.57	712337.66	N 32 16 0.75 W	103 46 48.34
	11405.00	44.86	329.69	11230.10	-0.19	-155.51	-1251.77	8.12	461313.45	712305.60	N 32 16 1.25 W	103 46 48.71
	11408.00	45.09	329.81	11232.22	1.76	-153.68	-1252.84	8.12	461315.28	712304.54	N 32 16 1.27 W	103 46 48.72
	11503.00	54.02	334.73	11293.81	69.37	-89.69	-1286.24	10.19	461379.26	712271.13	N 32 16 1.90 W	103 46 49.11
	11598.00	58.95	349.55	11346.45	146.86	-14.58	-1310.14	13.98	461454.38	712247.24	N 32 16 2.65 W	103 46 49.38
	11692.00	64.08	358.17	11391.34	229.32	67.45	-1318.81	9.73	461536.39	712238.57	N 32 16 3.46 W	103 46 49.48
	11787.00	63.84	2.18	11433.05	313.97	152.78	-1318.55	3.80	461621.72	712238.82	N 32 16 4.31 W	103 46 49.47
	11881.00	70.18	6.34	11469.76	398.74	239.00	-1312.06	7.88	461707.94	712245.32	N 32 16 5.16 W	103 46 49.39
	11974.00	71.00	7.38	11480.73	428.95	269.90	-1308.34	3.87	461738.83	712249.04	N 32 16 5.46 W	103 46 49.34
	11976.00	72.55	9.30	11500.12	485.71	328.16	-1299.79	3.87	461797.09	712257.58	N 32 16 6.04 W	103 46 49.24
	12019.00	78.07	8.39	11511.02	525.70	369.24	-1293.41	12.99	461838.17	712263.97	N 32 16 6.45 W	103 46 49.16
	12071.00	84.74	7.34	11518.79	575.35	420.15	-1286.38	12.99	461889.07	712271.01	N 32 16 6.95 W	103 46 49.08
	12166.00	90.39	1.15	11522.83	668.33	514.72	-1279.37	8.82	461983.64	712278.00	N 32 16 7.88 W	103 46 48.99
	12259.00	89.48	1.36	11522.94	760.35	607.69	-1277.33	1.00	462076.61	712280.04	N 32 16 8.80 W	103 46 48.96
	12354.00	91.37	2.76	11522.23	854.14	702.62	-1273.92	2.48	462171.53	712283.46	N 32 16 9.74 W	103 46 48.91
	12448.00	91.09	2.12	11520.22	946.82	796.52	-1269.92	0.74	462265.42	712287.46	N 32 16 10.67 W	103 46 48.86
	12543.00	90.27	0.67	11519.09	1040.78	891.48	-1267.60	1.75	462360.38	712289.77	N 32 16 11.61 W	103 46 48.83
	12638.00	90.31	0.33	11518.61	1134.95	986.47	-1266.77	0.36	462455.36	712290.60	N 32 16 12.55 W	103 46 48.81
	12732.00	89.92	359.91	11518.42	1228.21	1080.47	-1266.58	0.61	462549.36	712290.80	N 32 16 13.48 W	103 46 48.81
	12827.00	90.28	1.48	11518.25	1322.33	1175.46	-1265.43	1.70	462644.34	712291.95	N 32 16 14.42 W	103 46 48.79
	12922.00	90.13	0.76	11517.91	1416.36	1270.44	-1263.57	0.77	462739.32	712293.81	N 32 16 15.36 W	103 46 48.76
	13016.00	90.51	1.19	11517.39	1509.44	1364.43	-1261.97	0.61	462833.30	712295.41	N 32 16 16.29 W	103 46 48.74

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 ° ' '')
	16323.00	89.90	359.11	11527.52	4793.30	4670.96	-1282.20	0.14	466139.63	712275.17	N 32 16 49.01	W 103 46 48.77
	16512.00	89.92	359.31	11527.81	4981.16	4859.94	-1284.81	0.11	466328.60	712272.57	N 32 16 50.88	W 103 46 48.79
	16607.00	90.15	358.89	11527.76	5075.61	4954.93	-1286.30	0.50	466423.59	712271.08	N 32 16 51.82	W 103 46 48.80
	16701.00	89.99	358.36	11527.64	5169.14	5048.90	-1288.56	0.59	466517.55	712268.82	N 32 16 52.75	W 103 46 48.82
	16796.00	90.00	359.65	11527.65	5263.61	5143.88	-1290.21	1.36	466612.53	712267.17	N 32 16 53.89	W 103 46 48.84
	16890.00	90.02	358.82	11527.63	5357.04	5237.88	-1291.46	0.88	466706.52	712265.92	N 32 16 54.62	W 103 46 48.85
	16985.00	89.48	358.41	11528.05	5451.57	5332.85	-1293.76	0.71	466801.48	712263.62	N 32 16 55.56	W 103 46 48.87
	17080.00	89.88	359.25	11528.74	5546.06	5427.82	-1295.70	0.91	466896.45	712261.68	N 32 16 56.50	W 103 46 48.88
	17174.00	89.22	358.97	11529.85	5639.51	5521.81	-1297.16	0.57	466990.43	712260.22	N 32 16 57.43	W 103 46 48.90
	17363.00	89.36	358.78	11531.99	5827.48	5710.76	-1300.87	0.12	467179.37	712258.51	N 32 16 59.30	W 103 46 48.93
	17458.00	89.38	359.07	11533.03	5921.95	5805.73	-1302.65	0.31	467274.34	712254.73	N 32 17 0.24	W 103 46 48.94
	17553.00	89.40	359.02	11534.04	6016.41	5900.71	-1304.23	0.06	467369.32	712253.14	N 32 17 1.18	W 103 46 48.96
	17647.00	89.39	359.35	11535.04	6109.84	5994.70	-1305.57	0.35	467463.30	712251.81	N 32 17 2.11	W 103 46 48.97
	17742.00	90.74	359.92	11534.93	6204.19	6089.69	-1306.17	1.54	467558.29	712251.20	N 32 17 3.05	W 103 46 48.97
	17836.00	89.69	359.06	11534.58	6297.57	6183.69	-1307.01	1.44	467652.27	712250.37	N 32 17 3.98	W 103 46 48.97
	17931.00	89.65	359.16	11535.12	6392.01	6278.68	-1308.49	0.11	467747.26	712248.89	N 32 17 4.92	W 103 46 48.98
	18025.00	89.76	358.44	11535.61	6485.52	6372.65	-1310.46	0.77	467841.23	712246.92	N 32 17 5.85	W 103 46 49.00
	18120.00	89.73	359.41	11536.03	6580.00	6467.63	-1312.24	1.02	467936.20	712245.14	N 32 17 6.79	W 103 46 49.02
	18214.00	90.13	359.65	11536.14	6673.37	6561.83	-1313.01	0.50	468030.19	712244.37	N 32 17 7.72	W 103 46 49.02
	18309.00	90.02	358.87	11536.02	6767.79	6656.62	-1314.24	0.83	468125.18	712243.14	N 32 17 8.66	W 103 46 49.03
	18498.00	90.06	358.60	11535.89	6855.82	6745.58	-1315.41	0.14	468214.12	712238.97	N 32 17 10.53	W 103 46 49.06
	18593.00	90.33	358.93	11535.56	7050.33	6940.55	-1320.46	0.45	468409.09	712236.92	N 32 17 11.47	W 103 46 49.08
	18687.00	90.52	359.06	11534.87	7143.80	7034.54	-1322.10	0.24	468503.07	712235.27	N 32 17 12.40	W 103 46 49.10
	18782.00	89.84	358.67	11534.57	7238.29	7129.52	-1323.99	0.83	468598.05	712233.39	N 32 17 13.34	W 103 46 49.11
	18876.00	90.81	359.01	11534.04	7331.79	7223.49	-1325.89	1.09	468692.02	712231.49	N 32 17 14.27	W 103 46 49.13
	18971.00	90.55	359.11	11532.91	7426.23	7318.47	-1327.45	0.29	468786.99	712229.93	N 32 17 15.21	W 103 46 49.14
	19065.00	89.97	358.15	11532.48	7519.77	7412.44	-1329.69	1.19	468880.96	712227.68	N 32 17 16.14	W 103 46 49.16
	19159.00	90.41	358.98	11532.17	7613.31	7506.41	-1332.05	1.00	468974.92	712225.33	N 32 17 17.07	W 103 46 49.18
	19349.00	89.12	358.09	11532.95	7802.39	7696.34	-1336.91	0.82	469164.84	712220.47	N 32 17 18.95	W 103 46 49.23
	19538.00	90.43	0.26	11533.69	7990.25	7885.31	-1339.63	1.34	469353.79	712217.75	N 32 17 20.82	W 103 46 49.25
	19728.00	90.55	359.18	11532.07	8178.91	8075.30	-1340.56	0.57	469543.77	712216.82	N 32 17 22.70	W 103 46 49.25
	19917.00	91.38	0.43	11528.88	8366.52	8264.26	-1341.20	0.79	469732.73	712216.18	N 32 17 24.57	W 103 46 49.24
	20106.00	89.23	358.21	11527.88	8554.32	8453.22	-1343.44	1.64	469921.68	712213.94	N 32 17 26.44	W 103 46 49.26
	20294.00	90.57	358.42	11528.21	8741.48	8641.14	-1348.97	0.72	470109.58	712208.41	N 32 17 28.30	W 103 46 49.31
	20389.00	89.97	357.56	11527.76	8836.11	8736.08	-1352.30	1.10	470204.51	712205.68	N 32 17 29.24	W 103 46 49.35
	20578.00	91.25	0.77	11525.75	9023.95	8925.02	-1355.06	1.83	470393.44	712202.32	N 32 17 31.11	W 103 46 49.37
	20673.00	90.96	3.38	11523.91	9117.72	9019.93	-1351.62	2.76	470488.35	712205.76	N 32 17 32.05	W 103 46 49.32
	20768.00	90.51	1.71	11522.69	9211.37	9114.82	-1347.40	1.82	470583.24	712209.98	N 32 17 32.99	W 103 46 49.27
	20958.00	87.81	6.32	11525.48	9397.74	9304.27	-1334.10	2.81	470772.67	712223.27	N 32 17 34.86	W 103 46 49.10
	21052.00	84.59	8.84	11531.71	9488.46	9397.72	-1321.74	4.35	470865.62	712235.64	N 32 17 35.78	W 103 46 48.95
	21241.00	89.89	1.44	11540.82	9672.78	9585.05	-1304.87	4.81	471053.43	712252.51	N 32 17 37.64	W 103 46 48.74
	21336.00	87.79	357.44	11542.75	9767.12	9680.00	-1305.80	4.75	471148.38	712251.58	N 32 17 38.58	W 103 46 48.75
	21525.00	89.55	4.55	11547.14	9954.07	9868.79	-1301.32	8.07	471337.16	712254.86	N 32 17 40.44	W 103 46 48.70
	21620.00	89.32	356.89	11548.08	10048.12	9963.71	-1306.78	1.54	471432.07	712256.05	N 32 17 41.38	W 103 46 48.68
	21809.00	89.43	359.80	11550.14	10236.25	10152.60	-1306.78	1.11	471620.95	712250.60	N 32 17 43.25	W 103 46 48.73
	21903.00	89.22	358.78	11551.25	10329.66	10246.58	-1307.94	0.50	471714.93	712249.43	N 32 17 44.18	W 103 46 48.74
	21998.00	89.48	359.18	11552.32	10424.12	10341.56	-1309.64	0.14	471809.90	712247.74	N 32 17 45.12	W 103 46 48.75
	22187.00	89.43	358.92	11554.12	10612.04	10530.53	-1312.77	0.26	471998.86	712244.61	N 32 17 46.99	W 103 46 48.78
	22281.00	89.40	359.16	11555.08	10705.50	10624.51	-1314.34	0.26	472092.83	712243.03	N 32 17 47.92	W 103 46 48.79
	22375.00	89.61	359.04	11555.89	10798.95	10718.49	-1315.82	0.26	472186.81	712241.56	N 32 17 48.85	W 103 46 48.80
100' FNL												
Crossed	22390.00	89.53	359.21	11556.00	10813.86	10733.49	-1316.05	1.24	472201.81	712241.33	N 32 17 49.00	W 103 46 48.80
Final MWD	22421.00	89.37	359.56	11556.30	10844.66	10764.49	-1316.38	1.24	472232.80	712241.00	N 32 17 49.31	W 103 46 48.81
Proj to TD	22470.00	89.37	359.56	11556.84	10893.33	10813.48	-1316.76	0.00	472281.80	712240.62	N 32 17 49.79	W 103 46 48.81

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	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Iridium MDP1 28-21 Federal Com 175H Gyro + MWD 0-22470'MD
	1	30.000	30.000	Act Stns	30.000	30.000	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Iridium MDP1 28-21 Federal Com 175H Gyro + MWD 0-22470'MD
	1	30.000	550.500	Act Stns	30.000	30.000	GYD_GC+DROP+OH	Original Borehole / Oxy Iridium MDP1 28-21 Federal Com 175H Gyro + MWD 0-22470'MD
	1	550.500	11020.000	Act Stns	30.000	30.000	A010Mb_MWD+IFR1+SAG+MS	Original Borehole / Oxy Iridium MDP1 28-21 Federal Com 175H Gyro + MWD 0-22470'MD
	1	11020.000	12166.000	Act Stns	30.000	30.000	B001Mb_MWD+HRGM	Original Borehole / Oxy Iridium MDP1 28-21 Federal Com 175H Gyro + MWD 0-22470'MD
	1	12166.000	22470.000	Act Stns	30.000	30.000	A010Mb_MWD+IFR1+SAG+MS	Original Borehole / Oxy Iridium MDP1 28-21 Federal Com 175H Gyro + MWD 0-22470'MD

NMOCD-REC'D: 09/02/2020

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM45236

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv. Other _____						6. If Indian, Allottee or Tribe Name	
						7. Unit or CA Agreement Name and No.	
2. Name of Operator Contact: APRIL SANTOS OXY USA INCORPORATED E-Mail: APRIL_HOOD@OXY.COM						8. Lease Name and Well No. IRIDIUM MDP1 28-21 FEDERAL COM 175H	
3. Address 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521				3a. Phone No. (include area code) Ph: 713-215-7000		9. API Well No. 30-015-45333-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 33 T23S R31E Mer NMP At surface NENE 276FNL 599FEL 32.267423 N Lat, 103.776144 W Lon Sec 28 T23S R31E Mer NMP At top prod interval reported below SESW 241FSL 1878FEL 32.268457 N Lat, 103.780289 W Lon Sec 21 T23S R31E Mer NMP At total depth NENW 26FNL 1916FEL 32.297165 N Lat, 103.780304 W Lon						10. Field and Pool, or Exploratory WC-025 G-08 S233135D-WOLFCAMP	
						11. Sec., T., R., M., or Block and Survey or Area Sec 33 T23S R31E Mer NMP	
						12. County or Parish 13. State EDDY NM	
14. Date Spudded 08/30/2019		15. Date T.D. Reached 10/26/2019		16. Date Completed ☐ D & A ☒ Ready to Prod. 01/22/2020		17. Elevations (DF, KB, RT, GL)* 3403 GL	
18. Total Depth: MD 22470 TVD 11557		19. Plug Back T.D.: MD 22382 TVD 11555		20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMARAY				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)

[illegible]

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	11318							

25. Producing Intervals

26. Perforation Record

Perforation Interval			Perforation Status			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12168	22347	12168 TO 22347	0.370	1216	ACTIVE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12168 TO 22347	FRAC'D WITH 435720 BBLS SLICKWATER, 25536408 LBS SAND AND 4800 BBLS HCL 7.5% ACID

28. Production - Interval A

Date First Produced 01/23/2020	Test Date 02/12/2020	Hours Tested 24	Test Production 	Oil BBL 3436.0	Gas MCF 9849.0	Water BBL 6351.0	Oil Gravity Corr. API	Gas Gravity	Production Method FLOWS FROM WELL
Choke Size 40/128	Tbg. Press. Flwg. SI	Csg. Press. 2110.0	24 Hr. Rate 	Oil BBL 3436	Gas MCF 9849	Water BBL 6351	Gas:Oil Ratio 2866	Well Status 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. SI	Csg. Press.	24 Hr. Rate 	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

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

ELECTRONIC SUBMISSION #522044 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
BELL CANYON	4291	5202	OIL, GAS, WATER	RUSTLER	491
CHERRY CANYON	5202	6466	OIL, GAS, WATER	SALADO	843
BRUSHY CANYON	6466	8122	OIL, GAS, WATER	CASTILE	2782
BONE SPRINGS	8122	9230	OIL, GAS, WATER	LAMAR	4267
BONE SPRING 1ST	9230	9810	OIL, GAS, WATER	BELL CANYON	4291
BONE SPRING 2ND	9810	11097	OIL, GAS, WATER	CHERRY CANYON	5202
BONE SPRING 3RD	11097	11736	OIL, GAS, WATER	BRUSHY CANYON	6466
WOLFCAMP	11736		OIL, GAS, WATER	BONE SPRINGS	8122

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

1ST BONE SPRINGS - 9230'M
2ND BONE SPRINGS - 9810'M
3RD BONE SPRINGS - 11097'M
WOLFCAMP - 11736'M

LOGS ATTACHED IN EDOCS 4/21/2020.

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 #522044 Verified by the BLM Well Information System.

For OXY USA INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by DINAH NEGRETE on 08/13/2020 (20DCN0115SE)

Name (*please print*) APRIL SANTOS

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 07/16/2020

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #522044 that would not fit on the form

32. Additional remarks, continued

LOG HEADER, DIRECTIONAL SURVEY, AS-DRILLED AMENDED C-102 PLAT & WBD ARE ATTACHED

**** THIS AMENDS THE PREVIOUSLY FILED EC# 512035 ****

Revisions to Operator-Submitted EC Data for Well Completion #522044

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM45236	NMNM45236
Agreement:		
Operator:	OXY USA INC. 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521 Ph: 713-215-7000	OXY USA INCORPORATED 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521 Ph: 713.350.4816
Admin Contact:	APRIL SANTOS REGULATORY SPECIALIST E-Mail: APRIL_HOOD@OXY.COM Ph: 713-366-5771	APRIL SANTOS REGULATORY SPECIALIST E-Mail: APRIL_HOOD@OXY.COM Ph: 713-215-7000
Tech Contact:	APRIL SANTOS REGULATORY SPECIALIST E-Mail: APRIL_HOOD@OXY.COM Ph: 713-366-5771	APRIL SANTOS REGULATORY SPECIALIST E-Mail: APRIL_HOOD@OXY.COM Ph: 713-215-7000
Well Name: Number:	IRIDIUM MDP1 28-21 FEDERAL COM 175H	IRIDIUM MDP1 28-21 FEDERAL COM 175H
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 33 T23S R31E Mer NMP	Sec 33 T23S R31E Mer NMP
Surf Loc:	NENE 276FNL 599FEL 32.267423 N Lat, 103.776144 W Lon	NENE 276FNL 599FEL 32.267423 N Lat, 103.776144 W Lon
Field/Pool:	WC015G08 233135D;WOLFCAMP	WC-025 G-08 S233135D-WOLFCAMP
Logs Run:	GAMMA RAY	GAMMARAY
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRINGS 1ST BONE SPRINGS 2ND BONE SPRINGS 3RD BONE SPRINGS WOLFCAMP	BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRINGS BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD WOLFCAMP
Markers:	RUSTLER SALADO CASTILLE LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPINGS	RUSTLER SALADO CASTILE LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRINGS

Phone:(505) 476-3470 Fax:(505) 476-3462

Action 12682

Operator: OXY USA INC P.O. Box 4294 Houston, TX772104294			OGRID: 16696	Action Number: 12682	Action Type: C-104C
OCD Reviewer			Condition		
abustamante			None		