

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 S. First St., Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710		² OGRID Number 16696
		³ Reason for Filing Code/ Effective Date – RT- 12/23/2020
⁴ API Number 30-015-46179	⁵ Pool Name COTTON DRAW BONE SPRING	⁶ Pool Code 13367
⁷ Property Code: 322245	⁸ Property Name: PLATINUM MDP1 34-3 FEDERAL COM	⁹ Well Number: 13H

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
B	34	23S	31E		750	NORTH	1480	EAST	EDDY

¹¹ Bottom Hole Location FTP: 612' FNL 1705' FEL LTP: 987' FSL 1669' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	3	24S	31E		883	SOUTH	1658	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: TBD	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 01/03/2020	²² Ready Date 12/23/2020	²³ TD 18842'M 9416'V	²⁴ PBTD 18790'M 9414'V	²⁵ Perforations 9757-18738'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	700'	780		
12-1/4"	9-5/8"	4473'	1464		
8-3/4"	7-5/8"	8710'	1020		
6-3/4"	5-1/2"	18822'	845		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name:
JANA MENDIOLA

Title:
REGULATORY SPECIALIST

E-mail Address:
Janalyn_mendiola@oxy.com

Date:
02/18/2021- Resubmitted

Phone:
432-685-5936

OIL CONSERVATION DIVISION

Approved by:



Title:
BUSINESS OP. SPEC.

Approval Date:
02/19/2021

C-104 RT EXPIRES: 03/23/2021

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

Revised August 1, 2011
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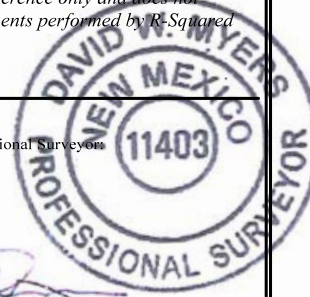
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-46179	² Pool Code 13367	³ Pool Name COTTON DRAW BONE SPRING
⁴ Property Code 322245	Property Name PLATINUM MDP1 34_3 FEDERAL COM	⁶ Well Number 13H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	⁹ Elevation 3440'

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
B	34	23S	31E		750	NORTH	1480	EAST	EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	3	24S	31E		883	SOUTH	1658	EAST	EDDY
¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 719464.12' / Y: 456495.77' B - X: 719485.49' / Y: 451213.94' C - X: 716843.83' / Y: 451197.02' D - X: 716824.24' / Y: 456480.96' E - X: 716794.61' / Y: 461763.23' F - X: 719435.32' / Y: 461779.46'		CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 678280.38' / Y: 456436.62' B - X: 678301.56' / Y: 451154.91' C - X: 675659.90' / Y: 451137.98' D - X: 675640.50' / Y: 456421.80' E - X: 675611.03' / Y: 461703.93' F - X: 678251.73' / Y: 461720.16'		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature:  Date: 12/22/2020 Printed Name: JANA MENDIOLA E-mail Address: janalyn_mendiola@oxy.com	
SURFACE HOLE LOCATION 750' FNL 1480' FEL, SECTION 34 NAD 83, SPCS NM EAST X: 717959.40' / Y: 461019.96' LAT: 32.26612615N / LON: 103.76191078W NAD 27, SPCS NM EAST X: 676775.80' / Y: 460960.68' LAT: 32.26600301N / LON: 103.76142595W		KICK OFF POINT 70' FNL 1663' FEL, SECTION 34 8,792' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 717773.21' / Y: 461699.64' LAT: 32.26799716N / LON: 103.76250142W NAD 27, SPCS NM EAST X: 676589.63' / Y: 461640.35' LAT: 32.26787403N / LON: 103.76201650W		18 SURVEYOR CERTIFICATION I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked 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 R-Squared Global. Date of Survey: 12/15/20 Signature and Seal of Professional Surveyor:  Certificate Number: DAVID W. MYERS 11403	
FIRST TAKE POINT 612' FNL 1705' FEL, SECTION 34 9,757' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 717733.92' / Y: 461157.29' LAT: 32.26650695N / LON: 103.76263789W NAD 27, SPCS NM EAST X: 676550.32' / Y: 461098.01' LAT: 32.26638380N / LON: 103.76215303W		LAST TAKE POINT 987' FSL 1669' FEL, SECTION 3 18,738' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 717824.08' / Y: 452190.01' LAT: 32.24185691N / LON: 103.76253926W NAD 27, SPCS NM EAST X: 676628.19' / Y: 452130.95' LAT: 32.24173360N / LON: 103.76205547W		BOTTOM HOLE LOCATION 883' FSL 1658' FEL, SECTION 3 18,842' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 717824.41' / Y: 452086.81' LAT: 32.24157307N / LON: 103.76250116W NAD 27, SPCS NM EAST X: 676640.52' / Y: 452086.81' LAT: 32.24144976N / LON: 103.7620173W	

SHEET 1 OF 1
 JOB No. R4110_001
 REV 0 WM 12/18/2020

HORIZONTAL SPACING UNIT

Distances/areas relative to NAD 83 Combined Scale Factor: 0.99978050953 Convergence Angle: 00°18'29.4310"

Schlumberger

OXY



Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Platinum MDP1 34-3 Federal Com 13H	NM Eddy County (NAD 83)	Oxy Platinum MDP1 34-3 Federal Com 13H

Gravity & Magnetic Parameters

Model: IFR1 Dip: 59.926° Date: 22-Feb-2020
 MagDec: 6.694° FS: 47894nT Gravity FS: 998.446mgn (9.80665 Based)

Surface Location

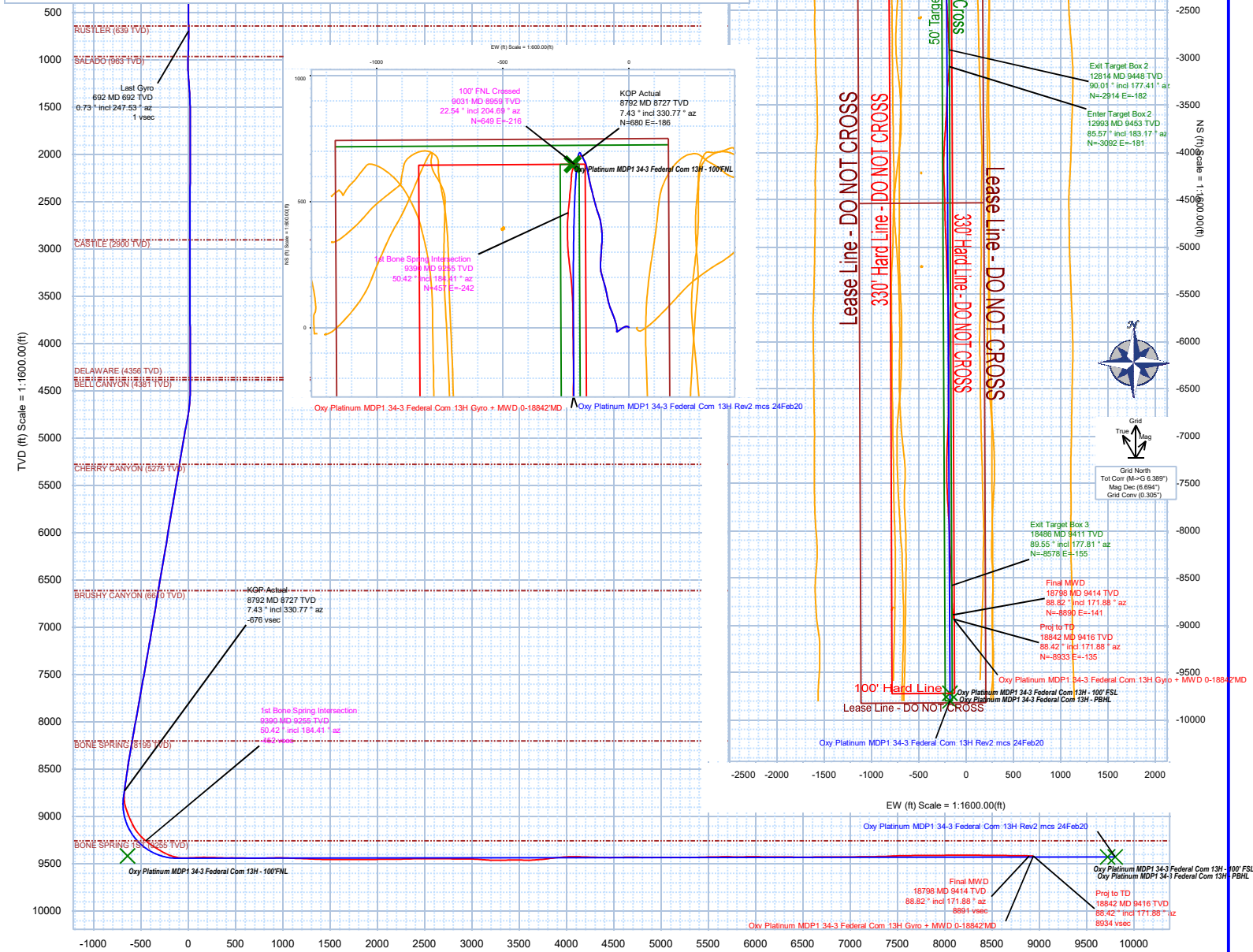
NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Lat: N 32 15 58.05 Northing: 461019.96ftUS Grid Conv: 0.3051°
 Lon: W 103 45 42.88 Easting: 717959.4ftUS Scale Fact: 0.99994482

Miscellaneous

Oxy Platinum MDP1 34-3 Federal Com 13H
 Slot: MDP1 34-3 Federal Com 13H
 Plan: Oxy Platinum MDP1 34-3 Federal Com 13H Gyro + MWD 0-18842MD
 TVD Ref: RKB = 26.5' (3466ft above MSL)

Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00
Last Gyro	691.80	0.73	247.53	691.78	1.32	-1.28	-2.28	1.28
KOP Actual	8792.00	7.43	330.77	8726.92	-676.28	679.69	-186.18	1.63
100' FNL Crossed	9031.00	22.54	204.69	8958.80	-645.01	648.95	-216.22	6.28
1st Bone Spring Intersection	9390.11	50.42	184.41	9255.00	-452.37	456.73	-241.76	8.39
Exit Target Box 1	10908.00	87.86	184.89	9436.02	1015.35	-1010.80	-265.59	4.31
Enter Target Box 1	11211.50	87.88	177.16	9448.28	1318.26	-1313.78	-264.15	0.65
Exit Target Box 1	12814.00	90.01	177.41	9448.13	2916.46	-2913.69	-181.60	1.39
Enter Target Box 2	12992.50	85.57	183.17	9453.44	3094.66	-3091.94	-180.73	4.08
Exit Target Box 3	18485.50	89.55	177.81	9410.89	8578.99	-8577.60	-154.86	1.18
Final MWD	18798.00	88.82	171.88	9414.46	8890.71	-8889.61	-141.20	7.56
Proj to TD	18842.00	88.42	171.88	9415.52	8934.14	-8933.15	-134.99	0.91





Oxy Platinum MDP1 34-3 Federal Com 13H Gyro + MWD 0-18842'MD Survey Geodetic Report (Def Survey)



Report Date:	March 12, 2020 - 01:28 PM	Survey / DLS Computation:	Minimum Curvature / Lubinski
Client:	OXY	Vertical Section Azimuth:	181.017 ° (Grid North)
Field:	NM Eddy County (NAD 83)	Vertical Section Origin:	0.000 ft, 0.000 ft
Structure / Slot:	Oxy Platinum MDP1 34-3 Federal Com 13H / Oxy Platinum MDP1 34-3 Federal Com 13H	TVD Reference Datum:	RKB = 26.5'
Well:	Oxy Platinum MDP1 34-3 Federal Com 13H	TVD Reference Elevation:	3466.000 ft above MSL
Borehole:	Original Borehole	Seabed / Ground Elevation:	3439.500 ft above MSL
UWI / API#:	Unknown / 30-015-46179	Magnetic Declination:	6.694 °
Survey Name:	Oxy Platinum MDP1 34-3 Federal Com 13H Gyro + MWD 0-18842'MD	Total Gravity Field Strength:	998.4464mgn (9.80665 Based)
Survey Date:	January 21, 2020	Gravity Model:	GARM
Tort / AHD / DDI / ERD Ratio:	348.929 ° / 10438.645 ft / 6.861 / 1.103	Total Magnetic Field Strength:	47894.000 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	Magnetic Dip Angle:	59.926 °
Location Lat / Long:	N 32° 15' 58.05414", W 103° 45' 42.87881"	Declination Date:	February 22, 2020
Location Grid N/E Y/X:	N 461019.960 ftUS, E 717959.400 ftUS	Magnetic Declination Model:	IFR1
CRS Grid Convergence Angle:	0.3051 °	North Reference:	Grid North
Grid Scale Factor:	0.99994482	Grid Convergence Used:	0.3051 °
Version / Patch:	2.10.782.0	Total Corr Mag North->Grid North:	6.3889 °
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
WRP SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	461019.96	717959.40	N 32 15 58.05	W 103 45 42.88
	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00	461019.96	717959.40	N 32 15 58.05	W 103 45 42.88
	101.50	0.29	58.28	101.50	-0.10	0.10	0.16	0.39	461020.06	717959.56	N 32 15 58.06	W 103 45 42.88
	134.40	0.25	64.62	134.40	-0.18	0.17	0.30	0.15	461020.13	717959.70	N 32 15 58.06	W 103 45 42.88
	163.40	0.17	75.13	163.40	-0.22	0.21	0.40	0.31	461020.17	717959.80	N 32 15 58.06	W 103 45 42.87
	192.60	0.14	94.81	192.60	-0.23	0.22	0.47	0.21	461020.18	717959.87	N 32 15 58.06	W 103 45 42.87
	221.90	0.10	131.64	221.90	-0.21	0.20	0.53	0.29	461020.16	717959.93	N 32 15 58.06	W 103 45 42.87
	248.70	0.08	152.04	248.70	-0.18	0.17	0.55	0.14	461020.13	717959.95	N 32 15 58.06	W 103 45 42.87
	278.20	0.09	162.52	278.20	-0.14	0.13	0.57	0.06	461020.09	717959.97	N 32 15 58.06	W 103 45 42.87
	309.70	0.14	190.20	309.70	-0.08	0.07	0.57	0.23	461020.03	717959.97	N 32 15 58.05	W 103 45 42.87
	341.20	0.21	210.88	341.20	0.01	-0.02	0.54	0.30	461019.94	717959.94	N 32 15 58.05	W 103 45 42.87
	372.70	0.29	236.51	372.70	0.11	-0.11	0.44	0.43	461019.85	717959.84	N 32 15 58.05	W 103 45 42.87
	404.20	0.36	239.82	404.20	0.20	-0.21	0.29	0.23	461019.75	717959.69	N 32 15 58.05	W 103 45 42.88
	435.70	0.41	241.40	435.70	0.31	-0.31	0.10	0.16	461019.65	717959.50	N 32 15 58.05	W 103 45 42.88
	467.20	0.50	248.59	467.20	0.42	-0.42	-0.12	0.34	461019.54	717959.28	N 32 15 58.05	W 103 45 42.88
	498.70	0.45	249.60	498.70	0.52	-0.51	-0.37	0.16	461019.45	717959.03	N 32 15 58.05	W 103 45 42.88
	530.20	0.56	249.76	530.19	0.62	-0.61	-0.63	0.35	461019.35	717958.77	N 32 15 58.05	W 103 45 42.89
	561.70	0.62	247.99	561.69	0.74	-0.72	-0.93	0.20	461019.24	717958.47	N 32 15 58.05	W 103 45 42.89
	593.20	0.68	248.98	593.19	0.88	-0.85	-1.26	0.19	461019.11	717958.14	N 32 15 58.05	W 103 45 42.89
	624.70	0.62	247.65	624.69	1.01	-0.99	-1.60	0.20	461018.97	717957.80	N 32 15 58.04	W 103 45 42.90
	656.20	0.62	246.90	656.19	1.15	-1.12	-1.91	0.03	461018.84	717957.49	N 32 15 58.04	W 103 45 42.90
	687.80	0.68	246.69	687.78	1.30	-1.26	-2.24	0.19	461018.70	717957.16	N 32 15 58.04	W 103 45 42.90
Last Gyro	691.80	0.73	247.53	691.78	1.32	-1.28	-2.28	1.28	461018.68	717957.12	N 32 15 58.04	W 103 45 42.91
	819.00	1.72	59.11	818.97	0.63	-0.61	-1.40	1.92	461019.35	717958.00	N 32 15 58.05	W 103 45 42.90
	850.00	1.92	40.26	849.95	-0.02	0.03	-0.66	2.03	461019.99	717958.74	N 32 15 58.05	W 103 45 42.89
	941.00	3.20	321.01	940.88	-3.14	3.17	-1.27	3.75	461023.13	717958.13	N 32 15 58.09	W 103 45 42.89
	1032.00	5.39	279.27	1031.64	-5.70	5.83	-7.09	4.04	461025.79	717952.31	N 32 15 58.11	W 103 45 42.96
	1063.00	6.31	267.09	1062.48	-5.80	5.98	-10.23	4.97	461025.94	717949.17	N 32 15 58.11	W 103 45 43.00
	1124.00	7.55	248.80	1123.04	-4.05	4.36	-17.32	4.12	461024.32	717942.09	N 32 15 58.10	W 103 45 43.08
	1216.00	8.19	235.06	1214.18	2.08	-1.58	-28.32	2.15	461018.38	717931.08	N 32 15 58.04	W 103 45 43.21
	1307.00	6.53	234.10	1304.43	9.00	-8.33	-37.83	1.83	461011.63	717921.57	N 32 15 57.97	W 103 45 43.32
	1397.00	4.22	237.17	1394.03	13.92	-13.12	-44.76	2.59	461006.84	717914.64	N 32 15 57.93	W 103 45 43.40
	1492.00	2.29	232.91	1488.87	17.03	-16.16	-49.21	2.05	461003.80	717910.19	N 32 15 57.90	W 103 45 43.45
	1586.00	0.43	231.91	1582.84	18.42	-17.51	-50.99	1.98	461002.45	717908.42	N 32 15 57.88	W 103 45 43.47
	1681.00	0.11	288.89	1677.84	18.61	-17.70	-51.35	0.40	461002.26	717908.05	N 32 15 57.88	W 103 45 43.48
	1870.00	0.18	16.27	1866.84	18.27	-17.36	-51.44	0.11	461002.60	717907.96	N 32 15 57.89	W 103 45 43.48
	1965.00	0.14	305.48	1961.84	18.06	-17.15	-51.49	0.20	461002.81	717907.91	N 32 15 57.89	W 103 45 43.48
	2060.00	0.18	354.09	2056.84	17.85	-16.93	-51.60	0.14	461003.03	717907.80	N 32 15 57.89	W 103 45 43.48
	2155.00	0.18	335.63	2151.84	17.56	-16.65	-51.68	0.06	461003.31	717907.72	N 32 15 57.89	W 103 45 43.48
	2249.00	0.22	9.68	2245.84	17.25	-16.34	-51.71	0.13	461003.62	717907.69	N 32 15 57.90	W 103 45 43.48
	2349.00	0.18	359.79	2345.84	16.91	-15.99	-51.68	0.05	461003.97	717907.72	N 32 15 57.90	W 103 45 43.48
	2439.00	0.25	41.15	2435.84	16.61	-15.70	-51.55	0.18	461004.26	717907.85	N 32 15 57.90	W 103 45 43.48
	2533.00	0.14	108.77	2529.84	16.49	-15.58	-51.31	0.25	461004.38	717908.10	N 32 15 57.90	W 103 45 43.48
	2628.00	0.10	304.76	2624.84	16.48	-15.57	-51.26	0.25	461004.39	717908.14	N 32 15 57.90	W 103 45 43.48
	2723.00	0.06	152.35	2719.84	16.48	-15.57	-51.31	0.16	461004.39	717908.09	N 32 15 57.90	W 103 45 43.48
	2817.00	0.18	114.92	2813.84	16.58	-15.68	-51.15	0.15	461004.28	717908.25	N 32 15 57.90	W 103 45 43.48
	2912.00	0.18	66.73	2908.84	16.58	-15.68	-50.88	0.15	461004.28	717908.52	N 32 15 57.90	W 103 45 43.47
	3101.00	0.14	345.15	3097.84	16.24	-15.34	-50.67	0.11	461004.62	717908.74	N 32 15 57.91	W 103 45 43.47
	3196.00	0.08	216.60	3192.84	16.18	-15.28	-50.74	0.21	461004.68	717908.67	N 32 15 57.91	W 103 45 43.47
	3290.00	0.22	156.21	3286.84	16.40	-15.50	-50.70	0.21	461004.46	717908.70	N 32 15 57.90	W 103 45 43.47
	3385.00	0.02	211.55	3381.84	16.58	-15.68	-50.64	0.22	461004.28	717908.76	N 32 15 57.90	W 103 45 43.47
	3480.00	0.24	187.78	3476.83	16.79	-15.89	-50.67	0.23	461004.07	717908.73	N 32 15 57.90	W 103 45 43.47
	3574.00	0.10	69.09	3570.83	16.95	-16.06	-50.62	0.32	461003.90	717908.78	N 32 15 57.90	W 103 45 43.47
	3669.00	0.06	344.15	3665.83	16.88	-15.98	-50.56	0.12	461003.98	717908.84	N 32 15 57.90	W 103 45 43.47
	3763.00	0.06	156.16	3759.83	16.87	-15.98	-50.55	0.13	461003.98	717908.85	N 32 15 57.90	W 103 45 43.47
	3858.00	0.50	173.12	3854.83	17.33	-16.44	-50.48	0.47	461003.53	717908.92	N 32 15 57.89	W 103 45 43.47
	3953.00	0.26	163.44	3949.83	17.94	-17.05	-50.37	0.26	461002.91	717909.03	N 32 15 57.89	W 103 45 43.47
	4048.00	0.26	149.53	4044.83	18.33	-17.45	-50.20	0.07	461002.52	717909.20	N 32 15 57.88	W 103 45 43.46
	4142.00	0.18	98.75	4138.83	18.54	-17.65	-49.95	0.21	461002.31	717909.46	N 32 15 57.88	W 103 45 43.46
	4237.00	0.06	6.37	4233.83	18.51	-17.63	-49.79	0.20	461002.34	717909.61	N 32 15 57.88	W 103 45 43.46
	4331.00	0.18	117.26	4327.83	18.52	-17.64	-49.66	0.22	461002.32	717909.74	N 32 15 57.88	W 103 45 43.46
	4356.00	0.16	274.02	4352.83	18.54	-17.66	-49.66	1.33	461002.30	717909.75	N 32 15 57.88	W 103 45 43.46
4516.00	0.85	45.50	4512.82	17.68	-16.81	-49.03	0.60	461003.15	717910.37	N 32 15 57.89	W 103 45 43.45	
4578.00	3.16	11.59	4574.78	15.67	-14.82	-48.36	4.03	461005.15	717911.04	N 32 15 57.91	W 103 45 43.44	
4767.00	9.94	350.51	4762.46	-5.52	6.40	-50.01	3.75	461026.36	717909.40	N 32 15 58.12	W 103 45 43.46	
4862.00	12.13	343.93	4855.70	-23.12	24.08	-54.12	2.66	461044.04	717905.28	N 32 15 58.30	W 103 45 43.51	
4957.00	10.90	339.61	4948.79	-41.02	42.10	-60.02	1.58	461062.05	717899.39	N 32 15 58.47	W 103 45 43.58	
5146.00	9.71	337.81	5134.74	-72.31	73.61	-72.26	0.65	461093.56	717887.14	N 32 15 58.79	W 103 45 43.72	
5241.00	10.08	341.92	5228.33	-87.53	88.93	-77.87	0.84	461108.88	717881.54	N 32 15 58.94	W 103 45 43.78	
5336.00	9.04	345.79	5322.01	-102.59	104.07	-82.28	1.29	461124.02	717877.12	N 32 15 59.09	W 103 45 43.83	
5430.00	9.46	349.29	5414.78	-117.28	118.81	-85.53	0.75	461138.77	717873.88	N 32 15 59.23	W 103 45 43.87	
5620.00	10.47	347.88	5601.92	-149.38	151.04	-92.06	0.55	461170.99	717867.35	N 32 15 59.55	W 103 45 43.94	
5715.00	10.38	344.10	5695.35	-165.97	167.71	-96.21	0.73	461187.66	717863.19	N 32 15 59.72	W 103 45 43.99	
5809.00	10.33	344.20	5787.82	-182.14	183.96	-100.83	0.06	461203.91	717858.58	N 32 15 59.88	W 103 45 44.04	
5904.00	9.97	343.72	5881.33	-198.15	200.05	-105.45	0.39	461220.00	717853.95	N 32 16 0.04	W 103 45 44.09	
5999.00	8.82	345.45	5975.05	-213.02	214.99	-109.59	1.25	461234.94	717849.82	N 32 16 0.19	W 103 45 44.14	
6188.00	9.35	359.33	6161.71	-242.32	244.38	-113.41	1.19	461264.32	717846.00	N 32 16 0.48	W 103 45 44.18	

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 ° ' ")
	6282.00	9.97	2.62	6254.37	-258.09	260.14	-113.12	0.88	461280.09	717846.28	N 32 16 0.63 W	103 45 44.18
	6377.00	9.82	4.00	6347.96	-274.40	276.44	-112.18	0.30	461296.38	717847.22	N 32 16 0.80 W	103 45 44.17
	6471.00	9.80	4.50	6440.59	-290.39	292.41	-111.00	0.09	461312.35	717848.41	N 32 16 0.95 W	103 45 44.15
	6566.00	10.01	3.10	6534.17	-306.71	308.71	-109.92	0.34	461328.66	717849.49	N 32 16 1.11 W	103 45 44.14
	6661.00	9.36	4.56	6627.82	-322.68	324.66	-108.85	0.73	461344.60	717850.55	N 32 16 1.27 W	103 45 44.13
	6756.00	9.15	3.87	6721.58	-337.93	339.90	-107.73	0.25	461359.84	717851.68	N 32 16 1.42 W	103 45 44.11
	6945.00	9.64	357.51	6908.05	-368.73	370.70	-107.40	0.61	461390.64	717852.00	N 32 16 1.73 W	103 45 44.11
	7040.00	9.26	354.64	7001.76	-384.27	386.26	-108.46	0.64	461406.19	717850.94	N 32 16 1.88 W	103 45 44.12
	7135.00	9.85	353.55	7095.44	-399.92	401.94	-110.09	0.65	461421.88	717849.32	N 32 16 2.04 W	103 45 44.14
	7324.00	10.24	344.48	7281.56	-432.06	434.19	-116.40	0.86	461454.13	717843.00	N 32 16 2.36 W	103 45 44.21
	7418.00	10.56	340.68	7374.01	-448.15	450.37	-121.49	0.81	461470.31	717837.92	N 32 16 2.52 W	103 45 44.27
	7513.00	11.04	342.57	7467.33	-464.94	467.27	-127.09	0.63	461487.20	717832.32	N 32 16 2.68 W	103 45 44.33
	7703.00	10.28	345.29	7654.05	-498.51	501.02	-136.85	0.48	461520.95	717822.56	N 32 16 3.02 W	103 45 44.44
	7797.00	10.70	346.05	7746.48	-515.02	517.60	-141.08	0.47	461537.53	717818.33	N 32 16 3.18 W	103 45 44.49
	7986.00	10.17	345.44	7932.35	-548.04	550.78	-149.50	0.29	461570.71	717809.90	N 32 16 3.51 W	103 45 44.59
	8081.00	10.61	347.45	8025.79	-564.62	567.44	-153.51	0.60	461587.36	717805.90	N 32 16 3.68 W	103 45 44.63
	8176.00	10.80	348.78	8119.14	-581.82	584.70	-157.15	0.33	461604.63	717802.26	N 32 16 3.85 W	103 45 44.67
	8271.00	10.22	348.10	8212.55	-598.74	601.68	-160.62	0.62	461621.61	717798.79	N 32 16 4.02 W	103 45 44.71
	8365.00	9.56	349.60	8305.15	-614.51	617.52	-163.74	0.75	461637.44	717795.67	N 32 16 4.17 W	103 45 44.75
	8460.00	9.17	347.32	8398.88	-629.60	632.66	-166.83	0.57	461652.59	717792.58	N 32 16 4.32 W	103 45 44.78
	8555.00	9.21	341.48	8492.67	-644.12	647.26	-170.91	0.98	461667.18	717788.50	N 32 16 4.47 W	103 45 44.83
	8649.00	8.95	334.40	8585.49	-657.75	660.98	-176.46	1.22	461680.91	717782.95	N 32 16 4.60 W	103 45 44.89
	8684.00	9.16	333.15	8620.06	-662.65	665.93	-178.89	0.82	461685.85	717780.52	N 32 16 4.65 W	103 45 44.92
	8792.00	7.43	330.77	8726.92	-676.28	679.69	-186.18	1.63	461699.61	717773.23	N 32 16 4.79 W	103 45 45.00
	8886.00	5.69	241.69	8820.50	-679.25	682.79	-193.27	9.87	461702.71	717766.14	N 32 16 4.82 W	103 45 45.09
	8981.00	21.95	212.84	8912.51	-661.73	665.51	-207.15	18.08	461685.43	717752.26	N 32 16 4.65 W	103 45 45.25
100' FNL Crossed	9031.00	22.54	204.69	8958.80	-645.01	648.95	-216.22	6.28	461668.87	717743.19	N 32 16 4.49 W	103 45 45.36
	9076.00	23.41	197.79	9000.24	-628.54	632.59	-222.56	6.28	461652.52	717736.86	N 32 16 4.33 W	103 45 45.43
	9170.00	26.17	182.59	9085.66	-589.90	594.06	-229.21	7.36	461613.98	717730.21	N 32 16 3.94 W	103 45 45.51
	9265.00	37.95	185.80	9166.03	-539.66	543.89	-233.12	12.53	461563.82	717726.29	N 32 16 3.45 W	103 45 45.56
	9360.00	48.15	185.88	9235.36	-475.13	479.46	-239.71	10.74	461499.39	717719.70	N 32 16 2.81 W	103 45 45.64
1st Bone Spring Intersection	9390.11	50.42	184.41	9255.00	-452.37	456.73	-241.76	8.39	461476.67	717717.66	N 32 16 2.59 W	103 45 45.67
	9454.00	55.29	181.60	9293.57	-401.49	405.90	-244.39	8.39	461425.83	717715.03	N 32 16 2.08 W	103 45 45.70
	9549.00	58.65	176.56	9345.37	-321.95	326.31	-243.04	5.68	461346.25	717716.37	N 32 16 1.30 W	103 45 45.69
	9643.00	63.92	172.98	9390.53	-240.05	244.27	-235.47	6.52	461264.22	717723.95	N 32 16 0.48 W	103 45 45.61
	9738.00	75.41	175.68	9423.49	-151.73	155.78	-226.76	12.38	461175.73	717732.65	N 32 15 59.61 W	103 45 45.51
	9833.00	88.50	179.26	9436.77	-58.06	62.02	-222.66	14.27	461081.98	717736.75	N 32 15 58.68 W	103 45 45.47
	9883.00	92.69	179.86	9436.25	-8.09	12.04	-222.28	8.47	461032.00	717737.13	N 32 15 58.18 W	103 45 45.47
	9946.00	93.18	179.09	9433.02	54.80	-50.88	-221.70	1.45	460969.09	717737.71	N 32 15 57.56 W	103 45 45.46
	10135.00	87.85	180.42	9431.32	243.68	-239.79	-220.90	2.91	460780.18	717738.52	N 32 15 55.69 W	103 45 45.47
	10230.00	88.33	180.04	9434.49	338.61	-334.74	-221.28	0.64	460685.24	717738.13	N 32 15 54.75 W	103 45 45.48
	10325.00	90.60	181.96	9435.38	433.60	-429.71	-222.94	3.13	460590.27	717736.48	N 32 15 53.81 W	103 45 45.50
	10419.00	88.43	181.96	9436.17	527.58	-523.65	-226.15	2.31	460496.34	717733.26	N 32 15 52.88 W	103 45 45.54
	10609.00	89.88	184.10	9438.97	717.42	-713.34	-236.19	1.36	460306.66	717723.22	N 32 15 51.01 W	103 45 45.67
	10703.00	91.15	185.49	9438.13	811.21	-807.01	-244.05	2.00	460213.00	717715.36	N 32 15 50.08 W	103 45 45.77
	10797.00	92.11	186.67	9435.45	904.80	-900.44	-254.00	1.62	460119.57	717705.41	N 32 15 49.16 W	103 45 45.89
	10892.00	87.92	185.58	9435.43	999.40	-994.87	-264.13	4.56	460025.14	717695.28	N 32 15 48.22 W	103 45 46.02
Exit Target Box 1	10908.00	87.86	184.89	9436.02	1015.35	-1010.80	-265.59	4.31	460009.22	717693.82	N 32 15 48.07 W	103 45 46.03
	10985.00	87.57	181.58	9439.09	1092.22	-1087.60	-269.94	4.31	459932.42	717689.48	N 32 15 47.31 W	103 45 46.09
	11080.00	87.50	178.07	9443.18	1187.10	-1182.50	-269.65	3.69	459837.53	717689.77	N 32 15 46.37 W	103 45 46.09
	11175.00	87.95	177.39	9446.95	1281.87	-1277.35	-265.89	0.86	459742.69	717693.53	N 32 15 45.43 W	103 45 46.05
Enter Target Box 1	11211.50	87.88	177.16	9448.28	1318.26	-1313.78	-264.15	0.65	459706.25	717695.26	N 32 15 45.07 W	103 45 46.04
	11269.00	87.78	176.80	9450.45	1375.58	-1371.16	-261.13	0.65	459648.88	717698.29	N 32 15 44.50 W	103 45 46.00
	11364.00	90.32	175.45	9452.03	1470.21	-1465.92	-254.71	3.03	459554.12	717704.71	N 32 15 43.56 W	103 45 45.94
	11458.00	90.01	175.10	9451.76	1563.74	-1559.60	-246.96	0.50	459460.45	717712.45	N 32 15 42.63 W	103 45 45.85
	11553.00	90.08	176.80	9451.68	1658.36	-1654.36	-240.25	1.79	459365.69	717719.16	N 32 15 41.70 W	103 45 45.78
	11647.00	90.05	178.35	9451.57	1752.19	-1748.27	-236.28	1.65	459271.79	717723.14	N 32 15 40.77 W	103 45 45.74
	11741.00	89.70	178.07	9451.78	1846.08	-1842.23	-233.34	0.48	459177.84	717726.07	N 32 15 39.84 W	103 45 45.71
	11835.00	90.49	179.47	9451.62	1940.00	-1936.20	-231.32	1.71	459083.87	717728.09	N 32 15 38.91 W	103 45 45.69
	11930.00	90.04	178.25	9451.18	2034.93	-2031.18	-229.43	1.37	458988.90	717729.98	N 32 15 37.97 W	103 45 45.68
	12025.00	90.97	177.59	9450.35	2129.79	-2126.11	-225.99	1.20	458893.97	717733.43	N 32 15 37.03 W	103 45 45.64
	12119.00	90.53	176.56	9449.12	2223.56	-2219.98	-221.19	1.19	458800.11	717738.22	N 32 15 36.10 W	103 45 45.59
	12214.00	91.83	176.28	9447.16	2318.23	-2314.77	-215.26	1.40	458705.32	717744.15	N 32 15 35.16 W	103 45 45.53
	12309.00	91.11	176.42	9444.72	2412.88	-2409.55	-209.21	0.77	458610.55	717750.20	N 32 15 34.22 W	103 45 45.46
	12403.00	88.50	175.83	9445.04	2506.53	-2503.32	-202.86	2.85	458516.78	717756.55	N 32 15 33.29 W	103 45 45.40
	12499.00	91.20	176.91	9445.29	2602.20	-2599.12	-196.78	3.03	458420.99	717762.63	N 32 15 32.35 W	103 45 45.33
	12593.00	90.10	177.57	9444.23	2695.99	-2693.00	-192.26	1.36	458327.11	717767.15	N 32 15 31.42 W	103 45 45.28
	12688.00	87.62	177.21	9446.12	2790.78	-2787.88	-187.93	2.64	458232.24	717771.48	N 32 15 30.48 W	103 45 45.24
	12783.00	89.96	176.98	9448.12	2885.52	-2882.73	-183.12	2.48	458137.40	717776.29	N 32 15 29.54 W	103 45 45.19
Exit Target Box 2	12814.00	90.01	177.41	9448.13	2916.46	-2913.69	-181.60	1.39	458106.44	717777.81	N 32 15 29.23 W	103 45 45.17
	12877.00	90.10	178.28	9448.07	2979.36	-2976.65	-179.23	1.39	458043.48	717780.18	N 32 15 28.61 W	103 45 45.15
	12972.00	85.38	182.35	9451.82	3074.23	-3071.52	-179.75	6.56	457948.61	717779.66	N 32 15 27.67 W	103 45 45.16
Enter Target Box 2	12992.50	85.57	183.17	9453.44	3094.66	-3091.94	-180.73	4.08	457928.20	717778.68	N 32 15 27.47 W	103 45 45.18
	13067.00	86.25	186.14	9458.76	3168.81	-3165.99	-186.76	4.08	457854.15	717772.65	N 32 15 26.74 W	103 45 45.25
	13162.00	90.48	185.67	9461.47	3263.40	-3260.43	-196.53	4.48	457759.72	717762.88	N 32 15 25.80 W	103 45 45.37
	13256.00	92.06	182.90	9459.38	3357.21	-3354.13	-203.55	3.39	457666.02	717		

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 ° ' ")
	16281.00	89.73	179.96	9427.24	6377.39	-6375.07	-187.12	0.22	454645.25	717772.29	N 32 14 54.98	W 103 45 45.45
	16375.00	89.97	181.12	9427.48	6471.38	-6469.06	-188.01	1.26	454551.27	717771.41	N 32 14 54.05	W 103 45 45.47
	16564.00	90.45	179.42	9426.79	6660.36	-6658.05	-188.90	0.93	454362.29	717770.51	N 32 14 52.18	W 103 45 45.49
	16754.00	90.08	182.69	9425.91	6850.33	-6847.99	-192.39	1.73	454172.36	717767.02	N 32 14 50.30	W 103 45 45.54
	16943.00	90.59	182.35	9424.81	7039.26	-7036.81	-200.70	0.32	453983.56	717758.71	N 32 14 48.44	W 103 45 45.65
	17131.00	90.76	181.36	9422.59	7227.22	-7224.69	-206.79	0.53	453795.68	717752.62	N 32 14 46.58	W 103 45 45.73
	17226.00	90.69	180.15	9421.39	7322.21	-7319.67	-208.04	1.28	453700.70	717751.37	N 32 14 45.64	W 103 45 45.75
	17320.00	93.48	179.39	9417.97	7416.12	-7413.60	-207.66	3.08	453606.78	717751.75	N 32 14 44.71	W 103 45 45.76
	17509.00	90.32	177.12	9411.70	7604.76	-7602.37	-201.91	2.06	453418.02	717757.50	N 32 14 42.84	W 103 45 45.70
	17604.00	90.97	176.67	9410.64	7699.51	-7697.23	-196.76	0.83	453323.17	717762.65	N 32 14 41.90	W 103 45 45.65
	17698.00	90.01	176.29	9409.83	7793.21	-7791.05	-190.99	1.10	453229.36	717768.42	N 32 14 40.97	W 103 45 45.59
	17793.00	90.21	176.33	9409.65	7887.89	-7885.85	-184.88	0.21	453134.56	717774.53	N 32 14 40.03	W 103 45 45.52
	17888.00	90.73	177.79	9408.87	7982.66	-7980.72	-180.01	1.63	453039.70	717779.40	N 32 14 39.09	W 103 45 45.47
	17982.00	90.97	178.91	9407.48	8076.54	-8074.67	-177.30	1.22	452945.76	717782.11	N 32 14 38.16	W 103 45 45.44
	18172.00	89.39	177.44	9406.88	8266.30	-8264.56	-171.25	1.14	452755.87	717788.16	N 32 14 36.29	W 103 45 45.38
	18361.00	89.08	176.42	9409.40	8454.80	-8453.27	-161.13	0.56	452567.18	717798.28	N 32 14 34.42	W 103 45 45.28
Exit Target Box 3	18485.50	89.55	177.81	9410.89	8578.99	-8577.60	-154.86	1.18	452442.85	717804.55	N 32 14 33.19	W 103 45 45.21
	18550.00	89.80	178.53	9411.25	8643.41	-8642.06	-152.80	1.18	452378.39	717806.60	N 32 14 32.55	W 103 45 45.19
	18645.00	89.73	179.20	9411.64	8738.35	-8737.04	-150.92	0.71	452283.42	717808.49	N 32 14 31.61	W 103 45 45.18
	18739.00	88.51	176.33	9413.08	8832.17	-8830.95	-147.26	3.32	452189.52	717812.15	N 32 14 30.68	W 103 45 45.14
Final MWD	18798.00	88.82	171.88	9414.46	8890.71	-8889.61	-141.20	7.56	452130.86	717818.21	N 32 14 30.10	W 103 45 45.07
Proj to TD	18842.00	88.42	171.88	9415.52	8934.14	-8933.15	-134.99	0.91	452087.32	717824.42	N 32 14 29.67	W 103 45 45.00

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	26.500	1/98.425	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 13H Gyro + MWD 0-18842MD
	1	26.500	26.500	Act Stns	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 13H Gyro + MWD 0-18842MD
	1	26.500	691.800	Act Stns	26.400	26.400	GYD_GC+DROP+OH	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 13H
	1	691.800	1063.000	Act Stns	26.400	26.400	B001Mb_MWD+HRGM	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 13H
	1	1063.000	18645.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 13H Gyro + MWD 0-18842MD
	1	18645.000	18842.000	Act Stns	26.400	26.400	B001Mb_MWD+HRGM	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 13H

...Original Borehole\Oxy Platinum MDP1 34-3 Federal Com 13H Gyro + MWD 0-18842MD

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

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

First Take Point (FTP)

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

Last Take Point (LTP)

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

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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 18279

CONDITIONS OF APPROVAL

Operator: OXY USA INC P.O. Box 4294 Houston, TX772104294				OGRID: 16696	Action Number: 18279	Action Type: C-104C
OCD Reviewer				Condition		
abustamante				None		