

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- 1/2/2021
⁴ API Number 30-015-46558	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: 25H

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	34	23S	31E		111	NORTH	898	EAST	EDDY

¹¹ Bottom Hole Location FTP: 430' FNL 1208' FEL LTP: 170' FSL 1250' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	3	24S	31E		20	SOUTH	1267	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 1/15/2020	²² Ready Date 1/2/2021	²³ TD 19189'M 8830'V	²⁴ PBTD 19151'M 8829'V	²⁵ Perforations 9057'-19038'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17-1/2"		13-3/8"		722'	935
12-1/4"		9-5/8"		4477'	1721
8-3/4"		7-5/8"		8246'	568
6-3/4"		5-1/2"		19164'	774

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: *Roni Mathew*

Printed name:
RONI MATHEW

Title:
REGULATORY SPECIALIST

E-mail Address:
roni_mathew@oxy.com

Date: 12/31/2020
Phone: 713-215-7827

OIL CONSERVATION DIVISION

Approved by: KURT SIMMONS

Title: NMOCD, SANTA FE

Approval Date: 02/19/2021

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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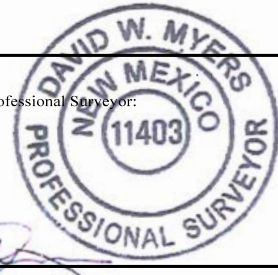
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-46558	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 25H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	⁹ Elevation 3443'

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	34	23S	31E		111	NORTH	898	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
P	3	24S	31E		20	SOUTH	1267	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: 719435.32' / Y: 461779.46' B - X: 719464.12' / Y: 456495.77' C - X: 719485.49' / Y: 451213.94' D - X: 716843.83' / Y: 451197.02' E - X: 716824.24' / Y: 456480.96' F - X: 716794.61' / Y: 461763.23'		CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 678251.73' / Y: 461720.16' B - X: 678280.38' / Y: 456436.62' C - X: 678301.56' / Y: 451154.91' D - X: 675659.90' / Y: 451137.98' E - X: 675640.50' / Y: 456421.80' F - X: 675611.03' / Y: 461703.93'		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. <u>Roni Mathew</u> 12/31/2020 Signature Date RONI MATHEW Printed Name <u>roni_mathew@oxy.com</u> E-mail Address			
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. 12/22/2020 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number David W. Myers 11403		SURFACE HOLE LOCATION 111' FNL 898' FEL, SECTION 34 NAD 83, SPCS NM EAST X: 718537.85' / Y: 461663.36' LAT: 32.26788622N / LON: 103.76002829W NAD 27, SPCS NM EAST X: 677354.26' / Y: 461604.07' LAT: 32.26776307N / LON: 103.75954344W					
KICK OFF POINT 57' FNL 1159' FEL, SECTION 34 8,236' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 718276.98' / Y: 461715.69' LAT: 32.26803389N / LON: 103.76087136W NAD 27, SPCS NM EAST X: 677093.40' / Y: 461656.40' LAT: 32.26791075N / LON: 103.76038647W		FIRST TAKE POINT 430' FNL 1208' FEL, SECTION 34 9,057' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 718229.59' / Y: 461342.22' LAT: 32.26700800N / LON: 103.76103113W NAD 27, SPCS NM EAST X: 677046.00' / Y: 461282.93' LAT: 32.26688486N / LON: 103.76054627W					
LAST TAKE POINT 170' FSL 1250' FEL, SECTION 3 19,038' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 718235.23' / Y: 451375.96' LAT: 32.23961310N / LON: 103.76118470W NAD 27, SPCS NM EAST X: 677051.31' / Y: 451316.92' LAT: 32.23948977N / LON: 103.76070105W		BOTTOM HOLE LOCATION 20' FSL 1267' FEL, SECTION 3 19,189' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 718218.74' / Y: 451225.88' LAT: 32.23920081N / LON: 103.76124062W NAD 27, SPCS NM EAST X: 677034.81' / Y: 451166.85' LAT: 32.23907747N / LON: 103.76075699W					

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

Schlumberger

OXY

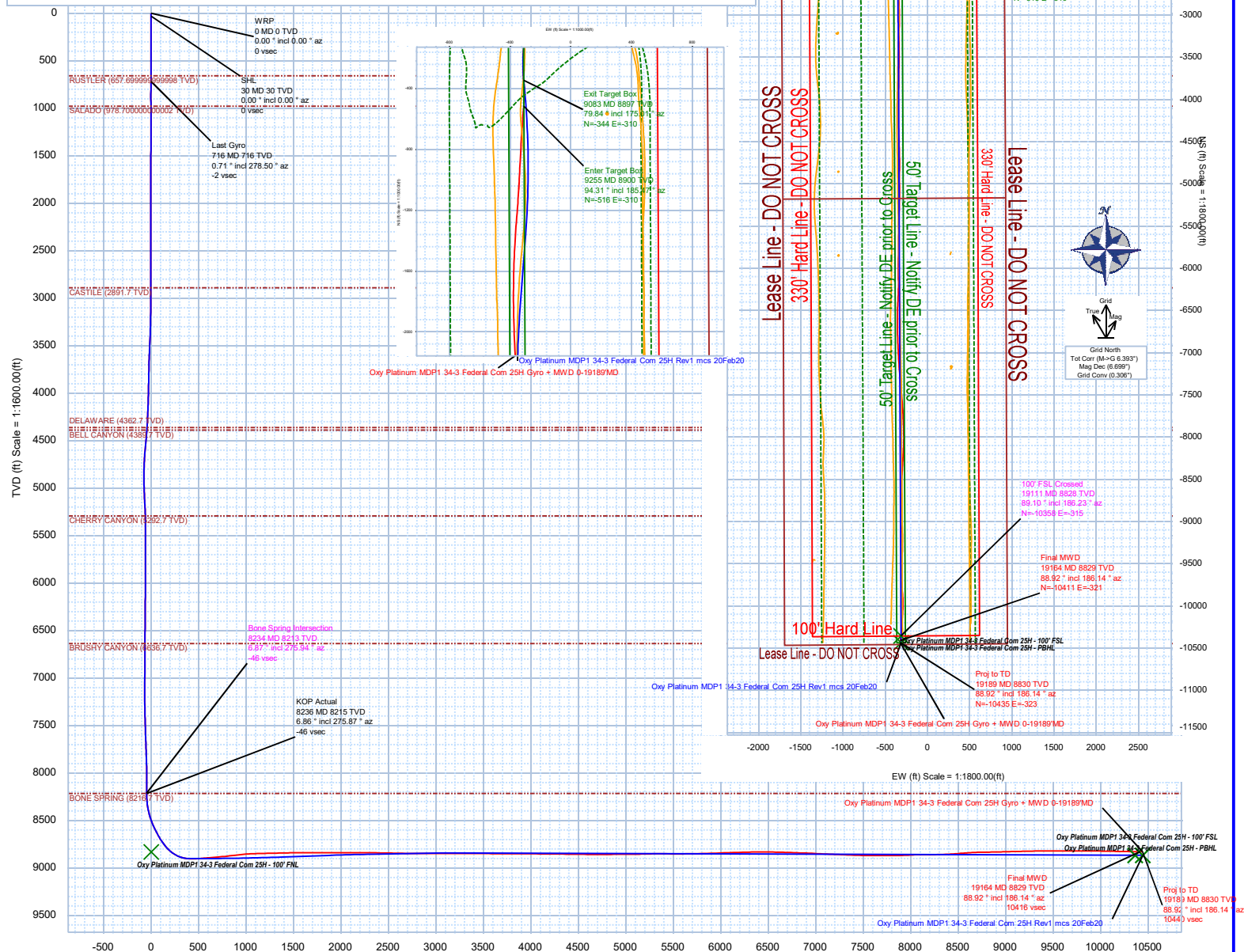


Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Platinum MDP1 34-3 Federal Com 25H	NM Eddy County (NAD 83)	Oxy Platinum MDP1 34-3 Federal Com 25H

Gravity & Magnetic Parameters				Surface Location				Miscellaneous			
Model:	IFR1	Dip:	5993°	Date:	31-Jan-2020	Lat:	N 32 16 4.39	Northings:	461663.368US	Grid Conv:	0.3061°
MagDec:	6.699°	FS:	47900.8nT	Gravity FS:	998.446mgn (9.80665 Based)	Lon:	W 103 45 36.10	Easting:	718537.858US	Scale Fact:	0.99994505
								Oxy Platinum MDP1 34-3 Federal Com 25H			
								TVD Ref: RKB = 30(3472.7ft above MSL)			
								Plan: Oxy Platinum MDP1 34-3 Federal Com 25H Gyro + MWD 0-19189MD			

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	
SHL	30.00	0.00	0.00	30.00	0.00	0.00	0.00	
Last Gyro	716.01	0.71	278.50	715.99	-1.91	2.04	-4.11	0.12
Bone Spring Intersection	8234.04	6.87	275.94	8213.20	-46.40	54.35	-264.75	0.87
KOP Actual	8236.00	6.86	275.87	8215.15	-46.42	54.37	-264.98	0.87
100' FNL Crossed	8526.00	20.08	194.76	8498.20	0.78	8.09	-296.55	8.59
Exit Target Box	9083.00	79.84	175.01	8897.41	353.58	-344.45	-310.41	15.82
Enter Target Box	9255.00	94.31	185.47	8899.62	524.66	-515.63	-309.59	2.81
100' FSL Crossed	19111.00	89.10	186.23	8828.43	10362.68	-10357.90	-314.87	0.47
Final MWD	19164.00	88.92	186.14	8829.30	10415.51	-10410.58	-320.55	0.66
Proj to TD	19189.00	88.92	186.14	8829.78	10440.44	-10435.44	-323.22	0.00



Vertical Section (ft) Azim = 181.71° Scale = 1:1600.00(ft) Origin = 0N/-S, 0E/-W



Oxy Platinum MDP1 34-3 Federal Com 25H Gyro + MWD 0-19189'MD

Survey Geodetic Report

(Def Survey)



Report Date: February 25, 2020 - 01:16 PM
Client: OXY
Field: NM Eddy County (NAD 83)
Structure / Slot: Oxy Platinum MDP1 34-3 Federal Com 25H / Oxy Platinum MDP1 34-3 Federal Com 25H
Well: Oxy Platinum MDP1 34-3 Federal Com 25H
Borehole: Original Borehole
UWI / API#: Unknown / 30-015-46558
Survey Name: Oxy Platinum MDP1 34-3 Federal Com 25H Gyro + MWD 0-19189'MD
Survey Date: January 31, 2020
Tort / AHD / DDI / ERD Ratio: 312.937 ° / 10849.621 ft / 6.864 / 1.219
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 16' 4.39038", W 103° 45' 36.10184"
Location Grid N/E Y/X: N 461663.360 ftUS, E 718537.850 ftUS
CRS Grid Convergence Angle: 0.3061 °
Grid Scale Factor: 0.99994505
Version / Patch: 2.10.782.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 181.714 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB = 30
TVD Reference Elevation: 3472.700 ft above MSL
Seabed / Ground Elevation: 3442.700 ft above MSL
Magnetic Declination: 6.699 °
Total Gravity Field Strength: 998.4462mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47900.800 nT
Magnetic Dip Angle: 5993.000 °
Declination Date: January 31, 2020
Magnetic Declination Model: IFR1
North Reference: Grid North
Grid Convergence Used: 0.3061 °
Total Corr Mag North->Grid North: 6.3929 °
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	461663.36	718537.85	N 32 16	4.39 W 103 45 36.10
	30.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	461663.36	718537.85	N 32 16	4.39 W 103 45 36.10
	107.18	0.47	342.43	107.18	-0.30	0.30	-0.10	0.61	461663.66	718537.75	N 32 16	4.39 W 103 45 36.10
	136.01	0.42	346.20	136.01	-0.51	0.52	-0.16	0.20	461663.88	718537.69	N 32 16	4.40 W 103 45 36.10
	165.03	0.37	347.20	165.03	-0.71	0.71	-0.20	0.17	461664.07	718537.65	N 32 16	4.40 W 103 45 36.10
	194.28	0.28	331.57	194.28	-0.86	0.87	-0.26	0.43	461664.23	718537.59	N 32 16	4.40 W 103 45 36.10
	223.24	0.30	302.25	223.24	-0.96	0.97	-0.36	0.51	461664.33	718537.49	N 32 16	4.40 W 103 45 36.11
	248.20	0.32	304.36	248.20	-1.03	1.04	-0.47	0.09	461664.40	718537.38	N 32 16	4.40 W 103 45 36.11
	276.30	0.35	313.79	276.30	-1.13	1.15	-0.59	0.22	461664.51	718537.26	N 32 16	4.40 W 103 45 36.11
	307.78	0.30	321.37	307.78	-1.26	1.28	-0.72	0.21	461664.64	718537.13	N 32 16	4.40 W 103 45 36.11
	339.33	0.36	299.71	339.32	-1.37	1.39	-0.85	0.44	461664.75	718537.00	N 32 16	4.40 W 103 45 36.11
	370.80	0.41	292.14	370.79	-1.45	1.48	-1.04	0.23	461664.84	718536.81	N 32 16	4.41 W 103 45 36.11
	402.30	0.37	289.89	402.29	-1.52	1.56	-1.24	0.14	461664.92	718536.61	N 32 16	4.41 W 103 45 36.12
	433.81	0.42	279.11	433.80	-1.57	1.61	-1.45	0.28	461664.97	718536.40	N 32 16	4.41 W 103 45 36.12
	465.32	0.45	279.13	465.31	-1.60	1.65	-1.69	0.10	461665.01	718536.16	N 32 16	4.41 W 103 45 36.12
	496.83	0.48	281.19	496.82	-1.64	1.70	-1.94	0.11	461665.06	718535.91	N 32 16	4.41 W 103 45 36.12
	528.35	0.48	280.41	528.34	-1.68	1.75	-2.20	0.02	461665.11	718535.65	N 32 16	4.41 W 103 45 36.13
	559.85	0.50	278.94	559.84	-1.72	1.79	-2.47	0.07	461665.15	718535.38	N 32 16	4.41 W 103 45 36.13
	591.37	0.52	278.63	591.36	-1.75	1.83	-2.74	0.06	461665.19	718535.11	N 32 16	4.41 W 103 45 36.13
	622.89	0.56	281.00	622.88	-1.79	1.88	-3.04	0.15	461665.24	718534.81	N 32 16	4.41 W 103 45 36.14
	654.42	0.68	278.46	654.40	-1.84	1.94	-3.37	0.39	461665.30	718534.48	N 32 16	4.41 W 103 45 36.14
	685.92	0.69	276.05	685.90	-1.88	1.99	-3.75	0.10	461665.35	718534.10	N 32 16	4.41 W 103 45 36.15
Last Gyro	716.01	0.71	278.50	715.99	-1.91	2.04	-4.11	0.12	461665.40	718533.74	N 32 16	4.41 W 103 45 36.15
	854.00	0.05	61.79	853.98	-2.04	2.19	-4.90	0.54	461665.55	718532.95	N 32 16	4.41 W 103 45 36.16
	945.00	0.11	235.76	944.98	-2.01	2.16	-4.94	0.18	461665.52	718532.91	N 32 16	4.41 W 103 45 36.16
	1036.00	0.12	275.22	1035.98	-1.97	2.12	-5.11	0.09	461665.48	718532.74	N 32 16	4.41 W 103 45 36.16
	1127.00	0.11	204.77	1126.98	-1.89	2.05	-5.24	0.15	461665.41	718532.61	N 32 16	4.41 W 103 45 36.16
	1218.00	0.12	330.36	1217.98	-1.89	2.05	-5.32	0.22	461665.41	718532.53	N 32 16	4.41 W 103 45 36.16
	1309.00	0.12	259.67	1308.98	-1.95	2.12	-5.46	0.15	461665.48	718532.39	N 32 16	4.41 W 103 45 36.17
	1399.00	0.17	290.73	1398.98	-1.98	2.15	-5.68	0.10	461665.51	718532.17	N 32 16	4.41 W 103 45 36.17
	1493.00	0.11	331.32	1492.98	-2.10	2.28	-5.85	0.12	461665.64	718532.00	N 32 16	4.41 W 103 45 36.17
	1588.00	0.12	32.35	1587.97	-2.27	2.44	-5.85	0.12	461665.80	718532.01	N 32 16	4.41 W 103 45 36.17
	1683.00	0.12	303.09	1682.97	-2.40	2.58	-5.88	0.18	461665.94	718531.98	N 32 16	4.42 W 103 45 36.17
	1778.00	0.19	308.12	1777.97	-2.55	2.73	-6.08	0.07	461666.09	718531.77	N 32 16	4.42 W 103 45 36.17
	1872.00	0.12	72.14	1871.97	-2.67	2.86	-6.11	0.29	461666.22	718531.74	N 32 16	4.42 W 103 45 36.17
	1967.00	0.17	52.89	1966.97	-2.80	2.97	-5.90	0.07	461666.33	718531.95	N 32 16	4.42 W 103 45 36.17
	2061.00	0.12	151.83	2060.97	-2.80	2.97	-5.75	0.24	461666.33	718532.10	N 32 16	4.42 W 103 45 36.17
	2156.00	0.12	280.65	2155.97	-2.73	2.90	-5.80	0.23	461666.26	718532.05	N 32 16	4.42 W 103 45 36.17
	2250.00	0.11	293.22	2249.97	-2.77	2.96	-5.98	0.03	461666.31	718531.87	N 32 16	4.42 W 103 45 36.17
	2345.00	0.07	131.99	2344.97	-2.77	2.95	-6.02	0.19	461666.31	718531.83	N 32 16	4.42 W 103 45 36.17
	2440.00	0.16	334.15	2439.97	-2.85	3.03	-6.03	0.24	461666.39	718531.82	N 32 16	4.42 W 103 45 36.17
	2534.00	0.12	348.80	2533.97	-3.06	3.25	-6.11	0.06	461666.61	718531.74	N 32 16	4.42 W 103 45 36.17
	2629.00	0.11	9.85	2628.97	-3.25	3.43	-6.11	0.05	461666.79	718531.74	N 32 16	4.42 W 103 45 36.17
	2723.00	0.17	276.24	2722.97	-3.35	3.54	-6.24	0.22	461666.90	718531.61	N 32 16	4.43 W 103 45 36.17
	2817.00	0.11	62.36	2816.97	-3.41	3.60	-6.29	0.29	461666.96	718531.56	N 32 16	4.43 W 103 45 36.17
	2912.00	0.16	344.13	2911.97	-3.58	3.77	-6.25	0.18	461667.13	718531.60	N 32 16	4.43 W 103 45 36.17
	3007.00	0.19	253.30	3006.97	-3.65	3.85	-6.44	0.26	461667.21	718531.41	N 32 16	4.43 W 103 45 36.18
	3102.00	0.45	49.63	3101.97	-3.85	4.04	-6.30	0.66	461667.40	718531.55	N 32 16	4.43 W 103 45 36.18
	3291.00	1.63	26.32	3290.94	-6.80	6.93	-4.55	0.65	461670.29	718533.30	N 32 16	4.46 W 103 45 36.15
	3386.00	2.42	18.75	3385.88	-9.94	10.05	-3.30	0.88	461673.40	718534.55	N 32 16	4.49 W 103 45 36.14
	3480.00	2.67	15.81	3479.78	-13.96	14.03	-2.07	0.30	461677.39	718535.78	N 32 16	4.53 W 103 45 36.13
	3575.00	2.56	29.77	3574.69	-17.98	18.00	-0.41	0.68	461681.36	718537.44	N 32 16	4.57 W 103 45 36.11
	3670.00	2.08	53.75	3669.61	-20.91	20.86	2.03	1.13	461684.22	718539.88	N 32 16	4.60 W 103 45 36.08
	3764.00	1.69	42.77	3763.56	-23.01	22.89	4.35	0.56	461686.25	718542.20	N 32 16	4.62 W 103 45 36.05
	3859.00	1.20	20.68	3858.53	-25.01	24.85	5.65	0.77	461688.21	718543.50	N 32 16	4.64 W 103 45 36.03
	3953.00	1.25	350.76	3952.51	-26.94	26.78	5.83	0.67	461690.14	718543.68	N 32 16	4.66 W 103 45 36.03
	4048.00	1.99	317.58	4047.47	-29.14	29.02	4.56	1.23	461692.38	718542.41	N 32 16	4.68 W 103 45 36.05
	4143.00	2.81	315.58	4142.39	-31.94	31.90	1.81	0.87	461695.26	718539.66	N 32 16	4.71 W 103 45 36.08
	4237.00	4.05	310.72	4236.22	-35.63	35.71	-2.32	1.35	461699.07	718535.53	N 32 16	4.74 W 103 45 36.13
	4332.00	6.11	306.29	4330.84	-40.61	40.90	-8.93	2.21	461704.25	718528.92	N 32 16	4.80 W 103 45 36.20
	4364.00	7.00	302.12	4362.63	-42.56	42.94	-11.96	3.15	461706.30	718525.89	N 32 16	4.82 W 103 45 36.24
	4506.00	11.35	300.37	4502.78	-53.65	54.61	-31.35	3.07	461717.97	718506.50	N 32 16	4.93 W 103 45 36.46
	4600.00	12.28	297.27	4594.79	-62.40	63.87	-48.22	1.20	461727.22	718489.63	N 32 16	5.02 W 103 45 36.66
	4695.00	11.54	289.31	4687.75	-69.63	71.64	-66.17	1.89	461735.00	718471.69	N 32 16	5.10 W 103 45 36.87
	4790.00	11.58	280.24	4780.83	-73.91	76.48	-84.52	1.91	461739.83	718453.33	N 32 16	5.15 W 103 45 37.08
	4884.00	10.91	271.57	4873.03	-75.29	78.40	-102.70	1.93	461741.75	718435.16	N 32 16	5.17 W 103 45 37.29
	4979.00	9.54	263.33	4966.53	-74.12	77.73	-119.51	2.11	461741.09	718418.35	N 32 16	5.17 W 103 45 37.49
	5074.00	8.47	255.00	5060.36	-70.96	75.00	-134.08	1.77	461738.36	718403.77	N 32 16	5.14 W 103 45 37.66
	5168.00	7.51	248.27	5153.45	-66.53	70.94	-146.48	1.42	461734.29	718391.38	N 32 16	5.10 W 103 45 37.80
	5263.00	5.18	243.54	5247.86	-62.03	66.73	-156.09	2.51	461730.08	718381.77	N 32 16	5.06 W 103 45 37.92
5358.00	2.05	242.45	5342.66	-59.17	64.03	-161.43	3.30	461727.39	718376.43	N 32 16	5.03 W 103 45 37.98	
5452.00	0.05	317.84	5436.64	-58.38	63.28	-162.95	2.17	461726.64	718374.91	N 32 16	5.03 W 103 45 38.00	
5547.00	0.04	341.33	5531.64	-58.44	63.35	-162.99	0.02	461726.70	718374.87	N 32 16	5.03 W 103 45 38.00	
5642.00	0.04	43.05	5626.64	-58.50	63.40	-162.98	0.04	461726.76	718374.88	N 32 16	5.03 W 103 45 38.00	
5736.00	0.05	310.68	5720.64	-58.55	63.45	-162.99	0.07	461726.81	718374.87	N 32 16	5.03 W 103 45 38.00	
5830.00	0.23	26.98	5814.64	-58.75	63.65	-162.93	0.24	461727.00	718374.93	N 32 16	5.03 W 103 45 38.00	
5925.00	0.29	10.40	5909.64	-59.16	64.05	-162.80	0.10	461727.41	718375.06	N 32 16	5.03 W 103 45 37.99	

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 ° ' ")
	6019.00	0.35	1.37	6003.64	-59.68	64.57	-162.75	0.08	461727.93	718375.11	N 32 16 5.04	W 103 45 37.99
	6114.00	0.37	1.42	6098.63	-60.27	65.17	-162.74	0.02	461728.53	718375.12	N 32 16 5.04	W 103 45 37.99
	6208.00	0.41	4.06	6192.63	-60.91	65.81	-162.71	0.05	461729.17	718375.15	N 32 16 5.05	W 103 45 37.99
	6303.00	0.43	1.93	6287.63	-61.61	66.51	-162.67	0.03	461729.86	718375.19	N 32 16 5.06	W 103 45 37.99
	6397.00	0.49	31.50	6381.63	-62.31	67.20	-162.45	0.26	461730.56	718375.41	N 32 16 5.06	W 103 45 37.99
	6492.00	0.49	21.40	6476.62	-63.05	67.93	-162.09	0.09	461731.28	718375.77	N 32 16 5.07	W 103 45 37.99
	6587.00	0.54	23.56	6571.62	-63.84	68.71	-161.76	0.06	461732.07	718376.10	N 32 16 5.08	W 103 45 37.98
	6681.00	0.36	24.38	6665.62	-64.53	69.39	-161.46	0.19	461732.74	718376.40	N 32 16 5.09	W 103 45 37.98
	6776.00	0.44	308.03	6760.61	-65.02	69.89	-161.63	0.52	461733.24	718376.23	N 32 16 5.09	W 103 45 37.98
	6870.00	0.63	296.44	6854.61	-65.45	70.34	-162.37	0.23	461733.69	718375.49	N 32 16 5.09	W 103 45 37.99
	6965.00	0.66	288.72	6949.60	-65.83	70.75	-163.36	0.10	461734.10	718374.50	N 32 16 5.10	W 103 45 38.00
	7060.00	0.83	283.24	7044.60	-66.13	71.08	-164.55	0.19	461734.44	718373.31	N 32 16 5.10	W 103 45 38.01
	7154.00	0.86	275.30	7138.59	-66.31	71.30	-165.91	0.13	461734.66	718371.95	N 32 16 5.10	W 103 45 38.03
	7258.00	2.81	268.30	7242.53	-66.20	71.30	-169.24	1.88	461734.65	718368.62	N 32 16 5.10	W 103 45 38.07
	7353.00	3.51	253.96	7337.38	-65.18	70.42	-174.36	1.11	461733.78	718363.50	N 32 16 5.10	W 103 45 38.13
	7448.00	4.15	248.58	7432.17	-62.94	68.37	-180.35	0.77	461731.72	718357.51	N 32 16 5.08	W 103 45 38.20
	7542.00	4.38	249.08	7525.91	-60.22	65.84	-186.87	0.25	461729.20	718350.99	N 32 16 5.05	W 103 45 38.27
	7637.00	4.91	248.50	7620.60	-57.22	63.06	-194.04	0.56	461726.41	718343.82	N 32 16 5.02	W 103 45 38.36
	7731.00	5.79	252.18	7714.19	-54.05	60.13	-202.30	1.00	461723.49	718335.56	N 32 16 5.00	W 103 45 38.45
	7826.00	7.69	257.15	7808.53	-50.85	57.25	-213.06	2.09	461720.61	718324.80	N 32 16 4.97	W 103 45 38.58
	7921.00	7.71	257.90	7902.67	-47.73	54.50	-225.49	0.11	461717.86	718312.37	N 32 16 4.94	W 103 45 38.72
	8015.00	7.32	263.84	7995.87	-45.41	52.54	-237.61	0.92	461715.89	718300.25	N 32 16 4.92	W 103 45 38.87
	8110.00	7.18	276.50	8090.11	-45.07	52.56	-249.53	1.68	461715.92	718288.34	N 32 16 4.92	W 103 45 39.00
	8205.00	7.09	277.01	8184.38	-46.11	53.95	-261.24	0.12	461717.30	718276.62	N 32 16 4.94	W 103 45 39.14
Bone Spring Intersection KOP Actual	8234.04	6.87	275.94	8213.20	-46.40	54.35	-264.75	0.87	461717.70	718273.11	N 32 16 4.94	W 103 45 39.18
	8236.00	6.86	275.87	8215.15	-46.42	54.37	-264.98	0.87	461717.73	718272.88	N 32 16 4.94	W 103 45 39.18
	8287.00	6.40	247.29	8265.82	-45.46	53.58	-270.64	6.46	461716.94	718267.23	N 32 16 4.93	W 103 45 39.25
	8382.00	11.79	213.51	8359.65	-35.01	43.43	-280.89	7.76	461706.79	718256.97	N 32 16 4.83	W 103 45 39.37
	8476.00	16.70	203.22	8450.75	-14.27	23.00	-291.53	5.86	461686.36	718246.34	N 32 16 4.63	W 103 45 39.50
100' FNL Crossed	8526.00	20.08	194.76	8498.20	0.78	8.09	-296.55	8.59	461671.45	718241.32	N 32 16 4.49	W 103 45 39.56
	8571.00	23.37	189.26	8540.00	17.16	-8.19	-299.96	8.59	461655.17	718237.91	N 32 16 4.33	W 103 45 39.60
	8666.00	27.63	181.97	8625.75	57.90	-48.84	-303.75	5.56	461614.53	718234.12	N 32 16 3.92	W 103 45 39.64
	8760.00	32.53	184.62	8707.06	104.97	-95.84	-306.54	5.40	461567.52	718231.33	N 32 16 3.46	W 103 45 39.68
	8855.00	41.49	185.59	8782.85	161.99	-152.74	-311.67	9.45	461510.63	718226.20	N 32 16 2.90	W 103 45 39.74
	8898.00	46.78	182.96	8813.70	191.89	-182.58	-313.87	13.02	461480.79	718224.00	N 32 16 2.60	W 103 45 39.77
	8950.00	54.87	180.41	8846.53	232.16	-222.84	-315.00	16.01	461440.53	718222.87	N 32 16 2.20	W 103 45 39.78
	9044.00	72.42	177.20	8888.10	315.93	-306.70	-313.07	18.92	461356.68	718224.80	N 32 16 1.37	W 103 45 39.77
	9080.00	79.37	174.94	8896.87	350.65	-341.51	-310.67	20.24	461321.87	718227.20	N 32 16 1.03	W 103 45 39.74
Exit Target Box	9083.00	79.84	175.01	8897.41	353.58	-344.45	-310.41	15.82	461318.93	718227.46	N 32 16 1.00	W 103 45 39.74
	9139.00	88.62	176.21	8903.04	408.93	-399.95	-306.15	15.82	461263.44	718231.72	N 32 16 0.45	W 103 45 39.69
	9234.00	93.72	185.53	8901.09	503.76	-494.78	-307.59	11.18	461168.61	718230.28	N 32 15 59.51	W 103 45 39.71
Enter Target Box	9255.00	94.31	185.47	8899.62	524.66	-515.63	-309.59	2.81	461147.76	718228.28	N 32 15 59.30	W 103 45 39.74
	9273.00	94.81	185.41	8898.19	542.57	-533.49	-311.29	2.81	461129.90	718226.58	N 32 15 59.13	W 103 45 39.76
	9343.00	94.69	183.67	8892.39	612.24	-603.03	-316.81	2.48	461060.36	718221.05	N 32 15 58.44	W 103 45 39.83
	9436.00	94.48	184.06	8884.96	704.88	-695.52	-323.06	0.48	460967.88	718214.81	N 32 15 57.53	W 103 45 39.91
	9528.00	96.22	183.00	8876.38	796.42	-786.94	-328.70	2.21	460876.46	718209.17	N 32 15 56.62	W 103 45 39.98
	9621.00	97.39	182.85	8865.36	888.75	-879.17	-333.42	1.27	460784.24	718204.45	N 32 15 55.71	W 103 45 40.04
	9713.00	94.67	182.83	8855.70	980.21	-970.54	-337.95	2.96	460692.88	718199.92	N 32 15 54.80	W 103 45 40.10
	9806.00	92.34	183.30	8850.01	1073.00	-1063.22	-342.91	2.56	460600.20	718194.96	N 32 15 53.89	W 103 45 40.16
	9898.00	91.19	184.00	8847.18	1164.91	-1154.99	-348.77	1.46	460508.43	718189.10	N 32 15 52.98	W 103 45 40.24
	9991.00	91.11	184.74	8845.31	1257.79	-1247.70	-355.85	0.80	460415.73	718182.02	N 32 15 52.06	W 103 45 40.32
	10082.00	91.28	183.90	8843.42	1348.67	-1338.42	-362.70	0.94	460325.01	718175.17	N 32 15 51.17	W 103 45 40.41
	10175.00	91.11	183.39	8841.48	1441.60	-1431.21	-368.62	0.58	460232.23	718169.26	N 32 15 50.25	W 103 45 40.48
	10267.00	90.75	181.97	8839.98	1533.57	-1523.10	-372.92	1.59	460140.35	718164.96	N 32 15 49.34	W 103 45 40.54
	10359.00	90.07	181.33	8839.32	1625.57	-1615.06	-375.56	1.01	460048.39	718162.31	N 32 15 48.43	W 103 45 40.58
	10452.00	89.75	180.59	8839.47	1718.56	-1708.04	-377.12	0.87	459955.41	718160.75	N 32 15 47.51	W 103 45 40.60
	10545.00	89.97	179.71	8839.70	1811.52	-1801.04	-377.37	0.98	459862.42	718160.50	N 32 15 46.59	W 103 45 40.61
	10638.00	90.19	178.54	8839.57	1904.43	-1894.03	-375.95	1.28	459769.44	718161.93	N 32 15 45.67	W 103 45 40.60
	10730.00	90.25	178.28	8839.22	1996.27	-1985.99	-373.39	0.29	459677.48	718164.48	N 32 15 44.76	W 103 45 40.57
	10822.00	90.01	177.21	8839.01	2088.05	-2077.92	-369.77	1.19	459585.56	718168.10	N 32 15 43.85	W 103 45 40.54
	10915.00	89.88	177.46	8839.10	2180.78	-2170.82	-365.45	0.30	459492.66	718172.42	N 32 15 42.93	W 103 45 40.49
	11008.00	89.47	177.99	8839.62	2273.55	-2263.74	-361.76	0.72	459399.74	718176.11	N 32 15 42.01	W 103 45 40.46
	11101.00	89.10	177.75	8840.78	2366.34	-2356.67	-358.30	0.47	459306.82	718179.57	N 32 15 41.09	W 103 45 40.42
	11193.00	89.61	177.77	8841.82	2458.11	-2448.60	-354.71	0.55	459214.90	718183.16	N 32 15 40.18	W 103 45 40.38
	11287.00	87.85	177.18	8843.90	2551.83	-2542.48	-350.57	1.97	459121.03	718187.30	N 32 15 39.25	W 103 45 40.34
	11380.00	89.41	177.21	8846.13	2644.51	-2635.34	-346.02	1.68	459028.17	718191.85	N 32 15 38.33	W 103 45 40.30
	11473.00	89.46	177.65	8847.04	2737.24	-2728.24	-341.85	0.48	458935.28	718196.02	N 32 15 37.41	W 103 45 40.25
	11566.00	89.21	178.24	8848.12	2830.03	-2821.17	-338.51	0.69	458842.35	718199.36	N 32 15 36.49	W 103 45 40.22
	11658.00	89.73	177.95	8848.97	2921.85	-2913.12	-335.45	0.65	458750.41	718202.42	N 32 15 35.58	W 103 45 40.19
	11750.00	91.15	180.47	8848.27	3013.75	-3005.10	-334.19	3.14	458658.44	718203.68	N 32 15 34.67	W 103 45 40.18
	11845.00	90.17	180.45	8847.17	3108.72	-3100.09	-334.95	1.03	458563.45	718202.92	N 32 15 33.73	W 103 45 40.20
	11939.00	89.99	181.08	8847.04	3202.70	-3194.08	-336.20	0.70	458469.47	718201.67	N 32 15 32.80	W 103 45 40.22
	12034.00	89.66	180.39	8847.33	3297.69	-3289.07	-337.42	0.81	458374.48	718200.45	N 32 15 31.86	W 103 45 40.24
	12128.00	89.54	180.07	8847.99	3391.65	-3383.06	-337.80	0.36	458280.49	718200.07	N 32 15 30.93	W 103 45 40.25
	12223.00	90.25	179.83	8848.16	3486.61	-3478.06	-337.72	0.79	458185.49	718200.15	N 32 15 29.99	W 103 45 40.25
	12318.00	88.23	180.36	8849.42	3581.56	-3573.05	-337.87	2.20	458090.51	718200.00	N 32 15 29.05	W 103

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 ° ' ")
	15442.00	88.08	179.29	8836.86	6703.65	-6696.01	-355.67	1.53	454967.73	718182.20	N 32 14 58.15	W 103 45 40.66
	15537.00	87.81	178.46	8840.27	6798.48	-6790.93	-353.81	0.92	454872.81	718184.06	N 32 14 57.21	W 103 45 40.64
	15631.00	88.08	178.02	8843.64	6892.24	-6884.83	-350.93	0.55	454778.93	718186.94	N 32 14 56.28	W 103 45 40.62
	15726.00	87.08	177.41	8847.65	6986.93	-6979.66	-347.14	1.23	454684.09	718190.73	N 32 14 55.35	W 103 45 40.58
	15821.00	87.62	176.59	8852.04	7081.50	-7074.43	-342.17	1.03	454589.33	718195.70	N 32 14 54.41	W 103 45 40.53
	15915.00	87.57	175.84	8855.99	7174.99	-7168.14	-335.97	0.80	454495.62	718201.89	N 32 14 53.48	W 103 45 40.46
	16010.00	87.12	175.25	8860.39	7269.33	-7262.75	-328.60	0.78	454401.02	718209.27	N 32 14 52.54	W 103 45 40.38
	16105.00	88.27	174.92	8864.21	7363.62	-7357.33	-320.47	1.26	454306.45	718217.40	N 32 14 51.61	W 103 45 40.29
	16200.00	88.04	174.79	8867.27	7457.89	-7451.89	-311.96	0.28	454211.89	718225.91	N 32 14 50.67	W 103 45 40.20
	16389.00	90.72	175.80	8869.31	7645.68	-7640.23	-296.46	1.52	454023.57	718241.41	N 32 14 48.81	W 103 45 40.03
	16484.00	88.93	176.42	8869.60	7740.22	-7735.00	-290.01	1.99	453928.80	718247.86	N 32 14 47.87	W 103 45 39.96
	16579.00	90.73	177.92	8869.88	7834.91	-7829.88	-285.32	2.47	453833.92	718252.54	N 32 14 46.93	W 103 45 39.91
	16673.00	92.42	178.41	8867.30	7928.69	-7923.79	-282.31	1.87	453740.02	718255.55	N 32 14 46.00	W 103 45 39.88
	16768.00	92.66	180.24	8863.09	8023.51	-8018.69	-281.19	1.94	453645.13	718256.67	N 32 14 45.06	W 103 45 39.87
	16862.00	89.69	182.58	8861.16	8117.47	-8112.62	-283.51	4.02	453551.20	718254.36	N 32 14 44.13	W 103 45 39.91
	16957.00	90.28	182.81	8861.19	8212.46	-8207.52	-287.97	0.67	453456.31	718249.89	N 32 14 43.19	W 103 45 39.97
	17051.00	92.69	183.70	8858.75	8306.39	-8301.33	-293.31	2.73	453362.51	718244.56	N 32 14 42.26	W 103 45 40.03
	17146.00	92.39	183.22	8854.54	8401.25	-8396.06	-299.04	0.60	453267.78	718238.83	N 32 14 41.33	W 103 45 40.11
	17241.00	94.16	183.48	8849.11	8496.05	-8490.74	-304.58	1.88	453173.10	718233.29	N 32 14 40.39	W 103 45 40.18
	17336.00	94.45	179.72	8841.98	8590.77	-8585.42	-307.22	3.96	453078.43	718230.64	N 32 14 39.45	W 103 45 40.21
	17431.00	92.49	181.90	8836.23	8685.57	-8680.22	-308.57	3.08	452983.63	718229.30	N 32 14 38.52	W 103 45 40.23
	17525.00	90.55	181.17	8833.74	8779.53	-8774.15	-311.08	2.20	452889.71	718226.78	N 32 14 37.59	W 103 45 40.27
	17620.00	90.76	179.76	8832.65	8874.50	-8869.14	-311.85	1.50	452794.73	718226.01	N 32 14 36.65	W 103 45 40.28
	17715.00	92.11	175.65	8830.27	8969.21	-8964.01	-308.05	4.55	452699.86	718229.81	N 32 14 35.71	W 103 45 40.25
	17810.00	91.29	177.33	8827.45	9063.77	-9058.79	-302.24	1.97	452605.09	718235.63	N 32 14 34.77	W 103 45 40.18
	17904.00	91.46	178.23	8825.20	9157.52	-9152.69	-298.60	0.97	452511.19	718239.27	N 32 14 33.84	W 103 45 40.15
	17999.00	91.03	179.74	8823.13	9252.39	-9247.65	-296.92	1.65	452416.24	718240.95	N 32 14 32.90	W 103 45 40.13
	18188.00	89.77	184.99	8821.81	9441.30	-9436.41	-304.71	2.86	452227.48	718233.15	N 32 14 31.03	W 103 45 40.24
	18283.00	89.88	177.87	8822.10	9536.24	-9531.32	-307.08	7.50	452132.58	718230.78	N 32 14 30.09	W 103 45 40.27
	18378.00	89.85	181.05	8822.33	9631.16	-9626.31	-306.19	3.35	452037.60	718231.68	N 32 14 29.15	W 103 45 40.27
	18473.00	90.60	177.70	8821.95	9726.06	-9721.28	-305.15	3.61	451942.63	718232.72	N 32 14 28.21	W 103 45 40.26
	18567.00	90.27	175.17	8821.24	9819.65	-9815.09	-299.31	2.71	451848.83	718238.56	N 32 14 27.29	W 103 45 40.20
	18662.00	89.50	177.41	8821.43	9914.22	-9909.89	-293.16	2.49	451754.04	718244.71	N 32 14 26.35	W 103 45 40.13
	18756.00	88.97	181.13	8822.69	10008.11	-10003.85	-291.96	4.00	451660.08	718245.90	N 32 14 25.42	W 103 45 40.12
	18851.00	89.02	184.09	8824.35	10103.07	-10098.73	-296.29	3.12	451565.21	718241.58	N 32 14 24.48	W 103 45 40.18
	18946.00	89.16	181.15	8825.86	10198.04	-10193.61	-300.63	3.10	451470.33	718237.24	N 32 14 23.54	W 103 45 40.24
	19040.00	89.08	186.57	8827.31	10291.93	-10287.35	-306.95	5.77	451376.60	718230.91	N 32 14 22.61	W 103 45 40.32
100' FSL Crossed	19111.00	89.10	186.23	8828.43	10362.68	-10357.90	-314.87	0.47	451306.05	718223.00	N 32 14 21.92	W 103 45 40.41
	19135.00	89.11	186.12	8828.81	10386.60	-10381.75	-317.45	0.47	451282.20	718220.42	N 32 14 21.68	W 103 45 40.44
Final MWD	19164.00	88.92	186.14	8829.30	10415.51	-10410.58	-320.55	0.66	451253.37	718217.32	N 32 14 21.39	W 103 45 40.48
Proj to TD	19189.00	88.92	186.14	8829.78	10440.44	-10435.44	-323.22	0.00	451228.52	718214.65	N 32 14 21.15	W 103 45 40.51

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	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 25H Gyro + MWD 0-19189'MD
	1	30.000	30.000	Act Stns	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 25H Gyro + MWD 0-19189'MD
	1	30.000	716.010	Act Stns	26.400	26.400	GYD_GC+DROP+OH	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 25H Gyro + MWD 0-19189'MD
	1	716.010	8236.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 25H Gyro + MWD 0-19189'MD
	1	8236.000	8760.000	Act Stns	26.400	26.400	B001Mb_MWD+HRGM	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 25H
	1	8760.000	9080.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 25H Gyro + MWD 0-19189'MD
	1	9080.000	9273.000	Act Stns	26.400	26.400	B001Mb_MWD+HRGM	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 25H
	1	9273.000	19189.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Original Borehole / Oxy Platinum MDP1 34-3 Federal Com 25H Gyro + MWD 0-19189'MD

...Original Borehole\Oxy Platinum MDP1 34-3 Federal Com 25H Gyro + MWD 0-19189'MD

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District IV
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 16134

CONDITIONS OF APPROVAL

Operator:	OXY USA INC	P.O. Box 4294	Houston, TX772104294	OGRID:	16696	Action Number:	16134	Action Type:	C-104C
OCD Reviewer									Condition
ksimmons									None