



Vertical Section (ft) Azim = 178.46° Scale = 1:1700.00(ft) Origin = 0N/-S. 0E/-W

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (NUS)	Easting (EUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
	8187.00	8.34	49.74	8151.37	-267.38	272.23	176.34	3.72	461921.34	713767.66	N 32 16 7.19 W	103 46 31.64
	8282.00	7.49	49.06	8245.47	-275.62	280.74	186.28	0.90	461929.85	713777.59	N 32 16 7.28 W	103 46 31.53
	8336.00	5.80	60.98	8338.84	-281.70	287.06	195.06	2.31	461936.17	713786.38	N 32 16 7.34 W	103 46 31.42
	8471.00	4.20	60.08	8433.47	-285.57	291.12	202.27	1.69	461940.24	713793.59	N 32 16 7.38 W	103 46 31.34
	8555.00	3.06	82.30	8527.29	-287.47	293.18	207.74	1.90	461942.29	713799.06	N 32 16 7.40 W	103 46 31.28
	8660.00	2.86	61.02	8622.16	-288.84	294.66	212.33	1.17	461943.78	713803.65	N 32 16 7.41 W	103 46 31.22
	8754.00	4.28	60.76	8715.98	-291.55	297.51	217.44	1.51	461946.63	713808.76	N 32 16 7.44 W	103 46 31.16
	8847.00	3.92	92.04	8808.75	-292.96	299.10	223.65	2.40	461948.21	713814.96	N 32 16 7.46 W	103 46 31.09
	8942.00	4.52	104.97	8903.50	-291.69	298.01	230.51	1.18	461947.13	713821.82	N 32 16 7.44 W	103 46 31.01
	9037.00	4.64	128.16	8998.20	-288.18	294.67	237.15	1.94	461943.78	713828.46	N 32 16 7.41 W	103 46 30.93
	9131.00	5.49	157.51	9091.85	-281.55	288.17	241.86	2.86	461937.28	713833.17	N 32 16 7.35 W	103 46 30.88
	9226.00	6.65	178.37	9186.33	-271.80	278.47	243.75	2.60	461927.58	713835.07	N 32 16 7.25 W	103 46 30.86
	9321.00	5.88	184.43	9280.76	-261.46	268.12	243.53	1.07	461917.23	713834.85	N 32 16 7.15 W	103 46 30.86
	9415.00	4.94	187.26	9374.34	-252.67	259.30	242.65	1.04	461908.42	713833.96	N 32 16 7.06 W	103 46 30.87
	9510.00	6.22	190.65	9468.89	-243.60	250.19	241.18	1.39	461899.30	713832.50	N 32 16 6.97 W	103 46 30.89
	9604.00	5.74	188.67	9562.38	-233.99	240.53	239.53	0.56	461889.65	713830.85	N 32 16 6.88 W	103 46 30.91
	9620.00	5.92	189.02	9578.29	-232.39	238.93	239.28	1.15	461888.04	713830.60	N 32 16 6.86 W	103 46 30.91
	9755.00	6.31	184.01	9712.53	-218.17	224.65	237.67	0.49	461873.77	713828.99	N 32 16 6.72 W	103 46 30.93
	9850.00	19.73	168.80	9804.89	-197.06	203.61	240.43	14.46	461852.73	713831.75	N 32 16 6.51 W	103 46 30.90
	9945.00	31.16	177.78	9890.57	-156.53	163.18	244.52	12.67	461812.30	713835.83	N 32 16 6.11 W	103 46 30.86
	10039.00	41.45	183.14	9966.24	-101.04	107.65	243.75	11.45	461756.77	713835.07	N 32 16 5.56 W	103 46 30.87
	10134.00	49.02	183.69	10033.09	-33.89	40.37	239.71	7.98	461689.49	713831.03	N 32 16 4.89 W	103 46 30.92
KOP Actual	10190.19	50.73	180.65	10069.30	8.97	-2.56	238.10	5.14	461646.57	713829.42	N 32 16 4.47 W	103 46 30.94
100' FNL Crossing	10228.00	51.92	178.68	10092.93	38.48	-32.07	238.28	5.14	461617.06	713829.60	N 32 16 4.18 W	103 46 30.94
	10323.00	62.60	175.40	10144.25	118.23	-111.73	242.54	11.61	461537.40	713833.85	N 32 16 3.39 W	103 46 30.90
	10417.00	70.48	178.37	10181.65	204.35	-197.76	247.15	8.87	461451.38	713838.47	N 32 16 2.54 W	103 46 30.85
	10512.00	76.80	182.00	10208.40	295.39	-288.85	246.81	7.59	461360.30	713838.13	N 32 16 1.64 W	103 46 30.86
	10606.00	87.37	182.82	10221.33	388.14	-381.74	242.89	11.28	461267.42	713834.21	N 32 16 0.72 W	103 46 30.91
	10657.00	87.75	183.16	10223.50	438.94	-432.62	240.24	1.00	461216.53	713831.55	N 32 16 0.21 W	103 46 30.94
	10744.00	87.17	182.65	10227.35	525.59	-519.42	235.83	0.89	461129.74	713827.15	N 32 16 59.36 W	103 46 31.00
	10837.00	86.20	184.13	10232.73	618.09	-612.10	230.34	1.90	461037.66	713821.66	N 32 16 58.44 W	103 46 31.07
	10931.00	87.68	186.47	10237.75	711.27	-705.56	221.67	2.94	460943.61	713812.99	N 32 16 57.51 W	103 46 31.17
	11120.00	90.02	184.41	10241.54	898.51	-893.64	203.76	1.65	460755.54	713795.08	N 32 16 55.65 W	103 46 31.39
	11214.00	90.20	183.30	10241.36	992.39	-987.43	197.44	1.20	460661.76	713788.76	N 32 16 54.79 W	103 46 31.47
	11309.00	90.68	182.17	10240.63	1087.12	-1082.32	192.91	1.29	460566.88	713784.23	N 32 16 53.79 W	103 46 31.53
	11403.00	90.33	180.08	10239.80	1181.01	-1176.29	191.06	2.25	460472.81	713782.91	N 32 16 52.68 W	103 46 31.56
	11497.00	90.88	179.28	10238.81	1274.98	-1270.28	191.59	1.03	460378.92	713782.91	N 32 16 51.93 W	103 46 31.56
	11592.00	90.54	178.81	10237.63	1369.97	-1365.26	193.17	0.61	460283.95	713784.49	N 32 16 50.99 W	103 46 31.55
	11686.00	90.57	178.77	10236.72	1463.96	-1459.24	195.16	0.05	460189.08	713786.47	N 32 16 50.06 W	103 46 31.53
	11781.00	89.78	177.50	10236.43	1558.96	-1554.18	198.25	1.57	460095.04	713789.57	N 32 16 49.12 W	103 46 31.50
	11875.00	88.20	178.22	10236.09	1652.94	-1648.10	201.76	1.85	460001.13	713793.08	N 32 16 48.19 W	103 46 31.46
	11969.00	90.30	180.57	10236.32	1746.90	-1742.07	202.75	3.35	459907.16	713794.07	N 32 16 47.26 W	103 46 31.46
	12064.00	93.64	179.70	10236.06	1841.79	-1837.00	202.53	3.63	459812.24	713793.84	N 32 16 46.32 W	103 46 31.47
	12253.00	91.74	178.91	10227.19	2030.55	-2025.77	204.82	1.09	459623.48	713796.13	N 32 16 44.45 W	103 46 31.45
	12442.00	89.99	179.40	10224.33	2219.51	-2214.72	207.60	0.96	459434.54	713798.92	N 32 16 42.58 W	103 46 31.43
	12536.00	90.30	180.42	10224.09	2313.48	-2308.72	207.75	1.13	459340.55	713799.07	N 32 16 41.65 W	103 46 31.43
	12725.00	89.89	178.15	10223.78	2502.45	-2497.69	210.11	1.22	459151.59	713801.43	N 32 16 39.78 W	103 46 31.42
	12819.00	90.02	177.76	10223.85	2596.44	-2591.63	213.46	0.44	459057.65	713804.78	N 32 16 38.85 W	103 46 31.38
	12914.00	89.92	177.62	10223.90	2691.43	-2686.55	217.29	0.18	458962.73	713808.61	N 32 16 37.91 W	103 46 31.35
	13103.00	89.95	177.24	10224.12	2880.40	-2875.36	225.77	0.20	458773.94	713817.08	N 32 16 36.04 W	103 46 31.26
	13197.00	90.20	178.05	10224.00	2974.39	-2969.28	229.63	0.90	458680.02	713820.95	N 32 16 35.11 W	103 46 31.22
	13385.00	89.78	178.35	10224.03	3162.39	-3157.19	235.53	0.27	458492.13	713826.85	N 32 16 33.26 W	103 46 31.16
	13480.00	89.51	178.60	10224.62	3257.39	-3252.15	238.06	0.39	458397.17	713829.38	N 32 16 32.32 W	103 46 31.14
	13669.00	89.89	177.95	10225.61	3446.38	-3441.06	243.75	0.40	458208.27	713835.07	N 32 16 30.45 W	103 46 31.08
	13858.00	89.47	179.62	10226.66	3635.37	-3630.01	247.76	0.91	458019.33	713839.07	N 32 16 28.58 W	103 46 31.05
	13953.00	89.68	181.33	10227.37	3730.30	-3725.00	246.97	1.81	457924.35	713838.29	N 32 16 27.64 W	103 46 31.06
	14141.00	90.13	180.18	10227.68	3918.15	-3912.98	244.49	0.66	457736.38	713835.81	N 32 16 25.78 W	103 46 31.10
	14330.00	89.82	179.93	10227.76	4107.08	-4101.98	244.31	0.21	457547.39	713835.63	N 32 16 23.91 W	103 46 31.12
	14519.00	89.92	179.93	10228.19	4296.01	-4290.98	244.54	0.05	457358.40	713835.86	N 32 16 22.04 W	103 46 31.13
	14709.00	90.26	180.77	10227.89	4485.91	-4480.98	243.38	0.48	457168.42	713834.70	N 32 16 20.16 W	103 46 31.15
	14897.00	90.44	179.62	10226.74	4673.81	-4668.97	242.51	0.55	456980.44	713833.83	N 32 16 18.30 W	103 46 31.17
	15086.00	90.37	180.59	10225.41	4862.72	-4857.96	241.94	0.44	456791.46	713833.25	N 32 16 16.43 W	103 46 31.19
	15275.00	90.37	180.31	10224.19	5051.60	-5046.95	240.45	0.15	456602.48	713831.77	N 32 16 14.56 W	103 46 31.22
	15370.00	90.61	180.40	10223.37	5146.54	-5141.94	239.86	0.27	456507.49	713831.18	N 32 16 13.62 W	103 46 31.23
	15464.00	90.30	180.51	10222.63	5240.48	-5235.94	239.12	0.35	456413.50	713830.43	N 32 16 12.69 W	103 46 31.25
	15558.00	89.85	177.81	10222.50	5334.46	-5329.92	240.50	2.91	456319.52	713831.81	N 32 16 11.76 W	103 46 31.24
	15747.00	89.85	177.61	10223.00	5523.45	-5518.77	248.05	0.11	456130.69	713839.36	N 32 16 9.89 W	103 46 31.16
	15936.00	90.37	178.18	10222.64	5712.44	-5707.64	254.99	0.41	455941.83	713846.30	N 32 16 8.02 W	103 46 31.09
	16031.00	89.71	177.45	10222.57	5807.43	-5802.57	258.61	1.04	455846.90	713849.93	N 32 16 7.08 W	103 46 31.05
	16125.00	89.34	179.63	10223.35	5901.42	-5896.53	261.01	2.35	455752.95	713852.32	N 32 16 6.15 W	103 46 31.03
	16314.00	89.51	180.26	10225.25	6090.35	-6085.52	261.19	0.35	455563.97	713852.50	N 32 16 4.28 W	103 46 31.04
	16503.00	89.40	179.67	10227.04	6279.27	-6274.51	261.30	0.32	455374.99	713852.62	N 32 16 2.41 W	103 46 31.05
	16692.00	89.30	179.67	10229.19	6468.22	-6463.49	262.39	0.05	455186.02	713853.71	N 32 16 0.54 W	103 46 31.05
	16881.00	89.85	182.62	10230.59	6656.98	-6652.43	258.62	1.59	454997.09	713849.93	N 32 16 58.67 W	103 46 31.10
	17071.00	90.44	182.61	10230.11	6846.48	-6842.23	249.95	0.31	454807.30	713841.26	N 32 16 56.79 W	103 46 31.22
	17260.00	90.68	181.53	10228.26	7035.09	-7031.09	243.12	0.59	454618.45	713834.44	N 32 16 54.92 W	

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 ° ' ")
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	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Hole / Oxy Sterling Silver MDP1 Federal Com 7H Gyro + IFR 0'-20685' MD				
	1	26.500	26.500	Act Stns	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Hole / Oxy Sterling Silver MDP1 Federal Com 7H Gyro + IFR 0'-20685' MD				
	1	26.500	530.500	Act Stns	30.000	30.000	NAL_NSG+MSHOT	Original Hole / Oxy Sterling Silver MDP1 Federal Com 7H Gyro +				
	1	530.500	5916.000	Act Stns	30.000	30.000	NAL_MWD_IFR1+MS	Original Hole / Oxy Sterling Silver MDP1 Federal Com 7H Gyro +				
	1	5916.000	6671.000	Act Stns	30.000	30.000	NAL_MWD_PLUS_0.5_DEG	Original Hole / Oxy Sterling Silver MDP1 Federal Com 7H Gyro +				
	1	6671.000	20685.000	Act Stns	30.000	30.000	NAL_MWD_IFR1+MS	Original Hole / Oxy Sterling Silver MDP1 Federal Com 7H Gyro +				

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

5. Lease Serial No.
NMNM45236

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
STERLING SILVER MDP1 33-4 FD C 176H

9. API Well No.
30-015-45389-00-X1

10. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP (GAS)

11. County or Parish, State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
OXY USA INCORPORATED

Contact: SARAH CHAPMAN
E-Mail: SARAH_CHAPMAN@OXY.COM

3a. Address
5 GREENWAY PLAZA SUITE 110
HOUSTON, TX 77046-0521

3b. Phone No. (include area code)
Ph: 713-350-4997

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 33 T23S R31E NENE 96FNL 564FEL
32.267918 N Lat, 103.776031 W Lon

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

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

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

Spud 17-1/2" hole 11/04/18, drill to 538'. 11/4/18 Notify David Bervine w/ BLM of intent to run and cement surface casing. RIH & set 13-3/8" J-55 54.5# BTC csg @ 538', pump 20bbl FWS followed by 685sxs (165bbl) class C cmt w/ additives 14.8ppg 1.36 yield. Full returns throughout job, circ 314sxs (76bbl) cmt to surface. WOC. 11/5/18 RD & rig release.

RECEIVED

Corrected API Number for EC Tran 446570.

APR 03 2019

Thank you.

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #446963 verified by the BLM Well Information System
For OXY USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 12/10/2018 (19PP0583SE)**

Name (Printed/Typed) DAVID STEWART

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date 12/10/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**

JONATHON SHEPARD
Title PETROLEUM ENGINEER

Date 12/12/2018

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

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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

Revisions to Operator-Submitted EC Data for Sundry Notice #446963

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG SR	SPUD SR
Lease:	NMNM45236	NMNM45236
Agreement:		
Operator:	OXY USA INC P.O. BOX 4294 HOUSTON, TX 77210 Ph: 713-350-4997	OXY USA INCORPORATED 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521 Ph: 713.350.4816
Admin Contact:	SARAH CHAPMAN REGULATORY SPECIALIST E-Mail: SARAH_CHAPMAN@OXY.COM Cell: 281-642-5503 Ph: 713-350-4997	SARAH CHAPMAN REGULATORY SPECIALIST E-Mail: SARAH_CHAPMAN@OXY.COM Cell: 281-642-5503 Ph: 713-350-4997
Tech Contact:	DAVID STEWART SR REGULATORY ADVISOR E-Mail: DAVID_STEWART@OXY.COM Ph: 432-685-5717	DAVID STEWART REGULATORY ADVISOR E-Mail: david_stewart@oxy.com Ph: 432.685.5717
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	INGLE WELLS BONE SPRING	PURPLE SAGE-WOLFCAMP (GAS)
Well/Facility:	STERLING SILVER MDP1 33-4 FEDE 7H Sec 33 T23S R31E 96FNL 564FEL 32.267918 N Lat, 103.776031 W Lon	STERLING SILVER MDP1 33-4 FD C 176H Sec 33 T23S R31E NENE 96FNL 564FEL 32.267918 N Lat, 103.776031 W Lon