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

EMNRD-OCDA ARTESIA 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 30-015-46399	Pool Code 98220	Pool Name Purple Sage Wolfcamp
Property Code 321601	Property Name SALT FLAT CC "20_29" FEDERAL COM	Well Number 38H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 2935.2'

Surface Location

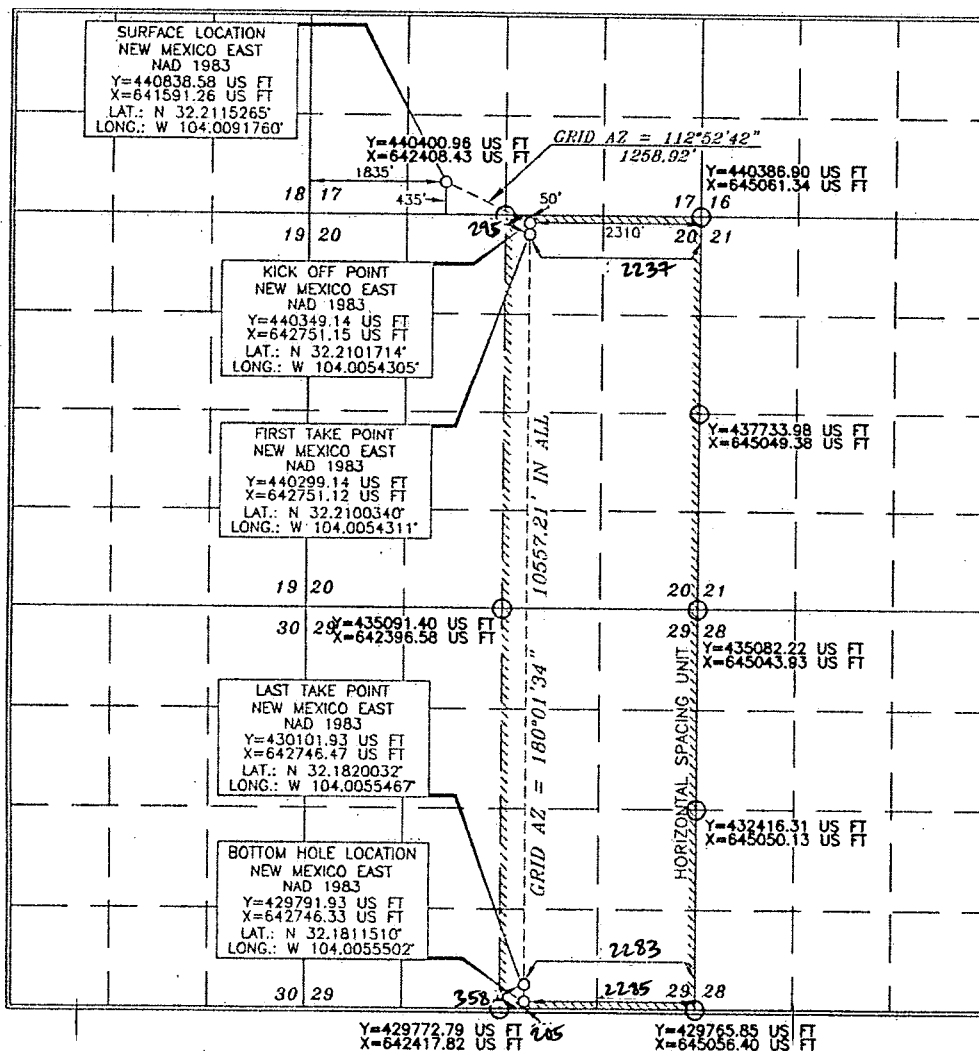
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
N	17	24 SOUTH	29 EAST, N.M.P.M.		435'	SOUTH	1835'	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
0	29	24 SOUTH	29 EAST, N.M.P.M.		205'	SOUTH	2285'	EAST	EDDY

Dedicated Acres 640	Joint or Infill Y	Consolidation Code	Order No. NSL-7951	FTP- 295 FNL 2237 FEL LTP- 358 FSL 2283 FEL
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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.



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] 2/12/2020
Jana Mendiola
janalyn_mendiola@oxy.com

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from a true copy 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] 10/10/2019
Terry J. Asberry
15079
Professional Surveyor

WO# 181129WL-c-XY (Rev. B) (KA)

RW 4/30/20

Intent ☐ As Drilled ☒

API #
30-015-46399

Operator Name: OXY USA INC.	Property Name: SALT FLAT CC 20-29 FEDERAL COM	Well Number 38H
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Kick Off Point (KOP)

UL B	Section 20	Township 24S	Range 29E	Lot	Feet 303	From N/S N	Feet 2408	From E/W E	County EDDY
Latitude 32.21116					Longitude -104.00580			NAD NAD83	

First Take Point (FTP)

UL B	Section 20	Township 24S	Range 29E	Lot	Feet 295	From N/S N	Feet 2237	From E/W E	County EDDY
Latitude 32.20951					Longitude -104.00525			NAD NAD83	

Last Take Point (LTP)

UL O	Section 29	Township 24S	Range 29E	Lot	Feet 358	From N/S S	Feet 2283	From E/W E	County EDDY
Latitude 32.18209					Longitude -104.00550			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

Schlumberger

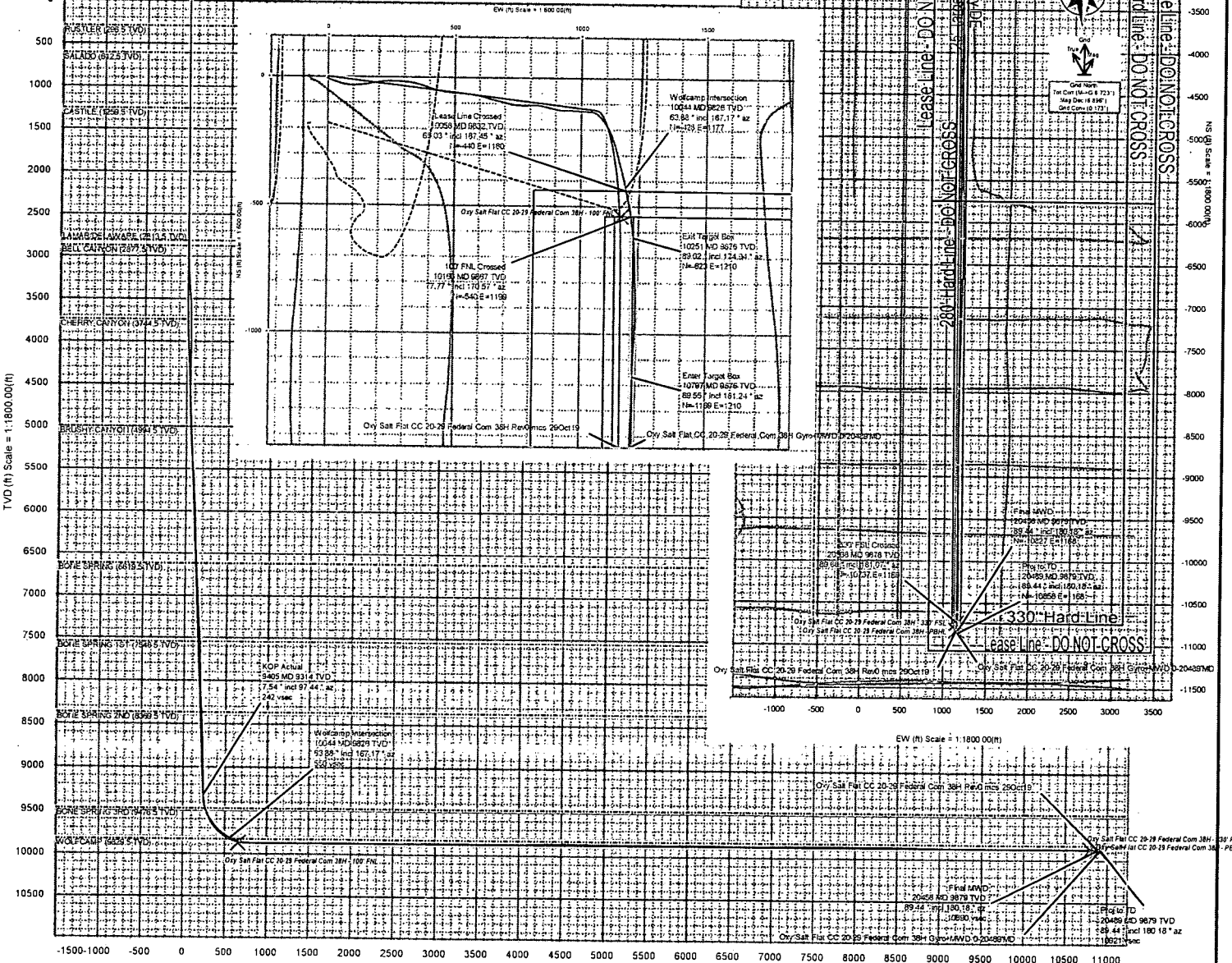
OXY



Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Salt Flat CC 20-29 Federal Com 38H	NM Eddy County (NAD 83)	Oxy Salt Flat CC 20-29 Federal Com 38H

Gravity & Magnetic Parameters				Surface Location				Miscellaneous			
Model:	IFR1	Dip:	59.921"	Date:	18-Nov-2019	Lat:	N 32 12 41.50	Northing:	440838.58NUS	Grid Conv:	0.1728"
MagDec:	6.896°	FS:	47853.6nT	Gravity FS:	988.468mgm (9.80665 Based)	Lon:	W 104 0 33.93	Easting:	641591.26NUS	Scale Fact:	0.9999206
								Oxy Salt Flat CC 20-29 Federal Com 38H			
								TVD Ref: RKB=30'(2365.2ft above MSL)			
								Plan: Oxy Salt Flat CC 20-29 Federal Com 38H Gyro-MWD 0-20489 MD			

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	30.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	
Last Gyro	492.00	0.38	192.31	492.00	1.37	-1.31	0.58	0.06	
KOP Actual	9405.00	7.54	97.44	9313.83	241.63	-131.50	1045.39	2.52	
Wolfcamp Intersection	10044.43	63.88	167.17	9826.00	550.08	-427.64	1177.26	8.76	
Lease Line Crossed	10058.00	65.03	167.45	9831.85	562.24	-439.58	1179.95	8.76	
100' FNL Crossed	10166.00	77.77	170.57	9866.54	663.89	-539.72	1199.45	14.19	
Exit Target Box	10251.00	89.02	174.94	9876.31	748.15	-623.33	1210.04	14.19	
Enter Target Box	10797.00	89.55	181.24	9875.98	1290.53	-1168.82	1209.73	2.61	
330' FSL Crossed	20368.00	89.66	181.07	9877.99	10800.47	-10737.00	1169.42	1.02	
Final MWD	20458.00	89.44	180.18	9878.70	10889.85	-10826.99	1168.44	1.02	
Proj to TD	20489.00	89.44	180.18	9879.00	10920.66	-10857.99	1168.34	0.00	



Vertical Section (ft) Azim = 173.91° Scale = 1:1800.00(ft) Origin = ON/S, 0E/W

Oxy Salt Flat CC 20-29 Federal Com 38H Gyro+MWD 0-20489' MD Survey Geodetic Report (Def Survey)



Report Date: January 21, 2020 - 01:38 PM
Client: OXY
Field: NM Eddy County (NAD 83)
Structure / Slot: Oxy Salt Flat CC 20-29 Federal Com 38H / Oxy Salt Flat CC 20-29 Federal Com 38H
Well: Oxy Salt Flat CC 20-29 Federal Com 38H
Borehole: Original Borehole
UW / API#: Unknown / 30-015-46399
Survey Name: Oxy Salt Flat CC 20-29 Federal Com 38H Gyro+MWD 0-20489' MD
Survey Date: November 19, 2019
Tort / AHD / DDI / ERD Ratio: 249.461' / 11856.183 ft / 6.788 / 1.200
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 12' 41.49540", W 104° 0' 33.03361"
Location Grid N/E Y/X: N 440838.576 ftUS, E 641591.260 ftUS
CRS Grid Convergence Angle: 0.1728°
Grid Scale Factor: 0.9999206
Version / Patch: 2.10.782.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 173.912° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB=30'
TVD Reference Elevation: 2965.200 ft above MSL
Seabed / Ground Elevation: 2935.200 ft above MSL
Magnetic Declination: 6.896°
Total Gravity Field Strength: 998.4675mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47853.600 nT
Magnetic Dip Angle: 59.921°
Declination Date: November 18, 2019
Magnetic Declination Model: IFR1
North Reference: Grid North
Grid Convergence Used: 0.1728°
Total Corr Mag North->Grid North: 6.7232°
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	440838.58	641591.26	N 32 12 41.50 W 104	0 33 03
SHL	30.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	440838.58	641591.26	N 32 12 41.50 W 104	0 33 03
	60.80	0.16	295.59	60.80	-0.02	0.02	-0.04	0.52	440838.59	641591.22	N 32 12 41.50 W 104	0 33 03
	87.10	0.10	213.76	87.10	-0.02	0.02	-0.08	0.67	440838.59	641591.18	N 32 12 41.50 W 104	0 33 03
	120.20	0.11	209.77	120.20	0.05	-0.04	-0.12	0.04	440838.54	641591.14	N 32 12 41.50 W 104	0 33 03
	142.70	0.04	199.26	142.70	0.08	-0.06	-0.13	0.32	440838.51	641591.13	N 32 12 41.49 W 104	0 33 04
	172.10	0.10	174.92	172.10	0.08	-0.10	-0.13	0.22	440838.48	641591.13	N 32 12 41.49 W 104	0 33 04
	199.00	0.24	130.23	199.00	0.15	-0.16	-0.09	0.68	440838.42	641591.17	N 32 12 41.49 W 104	0 33 03
	226.10	0.21	125.34	226.10	0.22	-0.22	0.00	0.13	440838.35	641591.26	N 32 12 41.49 W 104	0 33 03
	253.40	0.25	134.81	253.40	0.30	-0.29	0.08	0.20	440838.28	641591.34	N 32 12 41.49 W 104	0 33 03
	284.90	0.32	145.61	284.90	0.43	-0.41	0.18	0.28	440838.16	641591.44	N 32 12 41.49 W 104	0 33 03
	316.40	0.33	140.58	316.40	0.58	-0.56	0.29	0.10	440838.02	641591.55	N 32 12 41.49 W 104	0 33 03
	348.00	0.30	158.14	348.00	0.74	-0.70	0.38	0.32	440837.87	641591.64	N 32 12 41.49 W 104	0 33 03
	379.50	0.23	157.44	379.50	0.88	-0.84	0.43	0.22	440837.74	641591.69	N 32 12 41.49 W 104	0 33 03
	411.00	0.21	122.18	411.00	0.98	-0.93	0.50	0.43	440837.65	641591.76	N 32 12 41.49 W 104	0 33 03
	442.50	0.28	153.22	442.50	1.08	-1.03	0.59	0.47	440837.55	641591.85	N 32 12 41.49 W 104	0 33 03
	474.00	0.37	191.73	474.00	1.25	-1.20	0.60	0.73	440837.38	641591.86	N 32 12 41.48 W 104	0 33 03
Last Gyro	492.00	0.38	192.31	492.00	1.37	-1.31	0.58	0.06	440837.26	641591.84	N 32 12 41.48 W 104	0 33 03
	572.00	0.78	232.28	571.99	1.90	-1.90	0.09	0.68	440836.67	641591.35	N 32 12 41.48 W 104	0 33 03
	630.00	0.15	233.50	629.99	2.15	-2.19	-0.28	1.09	440836.39	641590.98	N 32 12 41.47 W 104	0 33 04
	691.00	0.07	213.20	690.99	2.22	-2.27	-0.37	0.14	440836.31	641590.89	N 32 12 41.47 W 104	0 33 04
	748.00	0.05	272.24	747.99	2.24	-2.30	-0.41	0.11	440836.28	641590.85	N 32 12 41.47 W 104	0 33 04
	840.00	0.05	271.97	839.99	2.23	-2.29	-0.49	0.00	440836.28	641590.77	N 32 12 41.47 W 104	0 33 04
	930.00	0.05	220.60	929.99	2.25	-2.32	-0.56	0.05	440836.25	641590.70	N 32 12 41.47 W 104	0 33 04
	1021.00	0.11	156.39	1020.99	2.36	-2.43	-0.55	0.11	440836.14	641590.71	N 32 12 41.47 W 104	0 33 04
	1112.00	0.11	65.63	1111.99	2.42	-2.48	-0.43	0.17	440836.10	641590.83	N 32 12 41.47 W 104	0 33 04
	1203.00	0.83	150.62	1202.99	3.00	-3.02	-0.03	0.91	440835.56	641591.23	N 32 12 41.47 W 104	0 33 03
	1293.00	0.32	217.06	1292.98	3.78	-3.78	0.14	0.85	440834.79	641591.40	N 32 12 41.46 W 104	0 33 03
	1386.00	0.51	255.49	1385.98	4.03	-4.09	-0.42	0.35	440834.48	641590.84	N 32 12 41.45 W 104	0 33 04
	1476.00	0.48	232.71	1475.98	4.28	-4.42	-1.11	0.22	440834.15	641590.15	N 32 12 41.45 W 104	0 33 05
	1567.00	0.61	203.39	1566.97	4.90	-5.10	-1.60	0.33	440833.48	641589.66	N 32 12 41.44 W 104	0 33 05
	1659.00	0.97	237.23	1658.96	5.68	-5.97	-2.45	0.62	440832.61	641588.81	N 32 12 41.44 W 104	0 33 06
	1753.00	0.31	280.63	1752.96	5.96	-6.35	-3.37	0.82	440832.22	641587.89	N 32 12 41.43 W 104	0 33 07
	1848.00	0.56	297.20	1847.96	5.63	-6.09	-4.04	0.29	440832.48	641587.22	N 32 12 41.44 W 104	0 33 08
	1942.00	0.39	281.88	1941.95	5.28	-5.82	-4.76	0.22	440832.76	641586.50	N 32 12 41.44 W 104	0 33 09
	2037.00	0.64	296.56	2036.95	4.90	-5.51	-5.55	0.30	440833.06	641585.71	N 32 12 41.44 W 104	0 33 10
	2132.00	0.10	301.31	2131.95	4.56	-5.23	-6.09	0.57	440833.34	641585.17	N 32 12 41.44 W 104	0 33 10
	2226.00	0.02	40.54	2225.95	4.50	-5.18	-6.15	0.11	440833.40	641585.11	N 32 12 41.44 W 104	0 33 11
	2321.00	0.08	223.06	2320.95	4.53	-5.22	-6.19	0.11	440833.36	641585.07	N 32 12 41.44 W 104	0 33 11
	2415.00	0.06	329.18	2414.95	4.53	-5.22	-6.26	0.12	440833.36	641585.00	N 32 12 41.44 W 104	0 33 11
	2510.00	0.05	335.17	2509.95	4.44	-5.14	-6.30	0.01	440833.44	641584.96	N 32 12 41.44 W 104	0 33 11
	2604.00	0.13	271.55	2603.95	4.39	-5.10	-6.43	0.12	440833.48	641584.83	N 32 12 41.45 W 104	0 33 11
	2699.00	0.45	233.69	2698.94	4.56	-5.32	-6.83	0.38	440833.26	641584.43	N 32 12 41.44 W 104	0 33 11
	2794.00	0.48	238.19	2793.94	4.92	-5.75	-7.47	0.05	440832.83	641583.79	N 32 12 41.44 W 104	0 33 12
	2888.00	0.07	98.49	2887.94	5.11	-5.97	-7.75	0.57	440832.61	641583.51	N 32 12 41.44 W 104	0 33 12
	2983.00	0.83	114.47	2982.94	5.47	-6.26	-7.07	0.80	440832.32	641584.19	N 32 12 41.43 W 104	0 33 12
	3078.00	3.84	111.58	3077.85	7.30	-7.71	-3.48	3.17	440830.86	641587.78	N 32 12 41.42 W 104	0 33 07
	3172.00	6.44	110.05	3171.46	11.09	-10.68	4.40	2.77	440827.90	641595.66	N 32 12 41.39 W 104	0 32 98
	3267.00	9.14	111.02	3265.58	16.87	-15.21	16.45	2.85	440823.36	641607.71	N 32 12 41.34 W 104	0 32 84
	3362.00	9.64	108.84	3359.30	23.66	-20.49	31.02	0.65	440818.09	641622.28	N 32 12 41.29 W 104	0 32 67
	3457.00	9.75	107.55	3452.95	30.24	-25.48	46.22	0.26	440813.10	641637.47	N 32 12 41.24 W 104	0 32 50
	3552.00	9.84	101.91	3546.56	35.97	-29.58	61.83	1.01	440808.99	641653.09	N 32 12 41.20 W 104	0 32 31
	3646.00	9.47	96.70	3639.23	40.17	-32.14	77.37	1.01	440806.44	641668.62	N 32 12 41.18 W 104	0 32 13
	3741.00	9.67	91.36	3732.91	42.93	-33.24	93.11	0.96	440805.33	641684.36	N 32 12 41.16 W 104	0 31 95
	3836.00	9.99	87.90	3826.52	44.54	-33.13	109.32	0.71	440805.45	641700.57	N 32 12 41.16 W 104	0 31 76
	3930.00	9.86	83.91	3919.11	45.11	-31.98	125.47	0.74	440806.60	641716.72	N 32 12 41.18 W 104	0 31 57
	4025.00	9.84	81.91	4012.71	44.82	-29.97	141.60	0.36	440808.60	641732.85	N 32 12 41.19 W 104	0 31 39
	4120.00	10.10	80.89	4106.28	44.10	-27.51	157.86	0.33	440811.07	641749.11	N 32 12 41.22 W 104	0 31 20
	4215.00	9.79	79.80	4199.85	43.08	-24.76	174.03	0.38	440813.81	641765.28	N 32 12 41.25 W 104	0 31 01
	4404.00	9.60	81.95	4386.15	41.39	-19.71	205.45	0.22	440818.87	641796.69	N 32 12 41.29 W 104	0 30 64
	4498.00	9.65	84.38	4478.83	41.19	-17.84	221.05	0.44	440820.74	641812.30	N 32 12 41.31 W 104	0 30 46
	4593.00	9.68	88.03	4572.48	41.82	-16.79	236.96	0.65	440821.79	641828.20	N 32 12 41.32 W 104	0 30 28
	4688.00	9.79	90.09	4666.11	43.27	-16.53	253.02	0.38	440822.05	641844.26	N 32 12 41.32 W 104	0 30 09
	4782.00	9.80	92.10	4758.74	45.27	-16.83	269.01	0.36	440821.75	641860.24	N 32 12 41.32 W 104	0 29 90
	4877.00	9.91	93.79	4852.34	47.82	-17.67	285.24	0.33	440820.91	641876.48	N 32 12 41.31 W 104	0 29 71
	4972.00	9.59	94.63	4945.97	50.69	-18.85	301.29	0.37	440819.73	641892.52	N 32 12 41.30 W 104	0 29 53
	5067.00	9.79	95.90	5039.62	53.84	-20.32	317.21	0.31	440818.26	641908.44	N 32 12 41.28 W 104	0 29 34
	5161.00	9.71	100.41	5132.26	57.75	-22.57	332.95	0.82	440816.01	641924.19	N 32 12 41.26 W 104	0 29 16
	5256.00	9.81	103.46	5225.88	62.74	-25.90	348.70	0.55	440812.68	641939.94	N 32 12 41.23 W 104	0 28 98
	5350.00	9.54	107.17	5318.55	68.49	-30.07	363.93	0.72	440808.51	641955.17	N 32 12 41.19 W 104	0 28 80
	5445.00	9.48	109.44	5412.24	74.97	-34.99	378.83	0.40	440803.59	641970.06	N 32 12 41.14 W 104	0 28 63
	5540.00	9.82	108.78	5505.90	81.75	-40.21	393.88	0.38	440798.37	641985.11	N 32 12 41.09 W 104	0 28 45
	5634.00	9.69	107.05	5598.54	88.23	-45.11	409.03	0.34	440793.47	642000.26	N 32 12 41.04 W 104	0 28 27
	5729.00	9.70	105.25	5692.18	94.28	-49.55	424.40	0.32	440789.03	642015.62	N 32 12 40.99 W 104	0 28 10
	5824.00	9.59	101.86	5785.84	99.64	-53.29	439.87					

Comments	MD (ft)	Incl (°)	Azim (°)	Grid (ft)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
	6107.00	9.66	94.28	6064.76	111.85	-60.53	487.16	0.64	440778.05	642078.38	N 32 12 40.88 W 104	0 27.37	
	6202.00	9.78	92.66	6158.40	114.51	-61.50	503.16	0.31	440777.08	642094.38	N 32 12 40.87 W 104	0 27.18	
	6297.00	9.84	93.52	6252.04	117.07	-62.36	519.16	0.21	440776.22	642110.38	N 32 12 40.86 W 104	0 26.99	
	6391.00	9.86	95.56	6344.71	119.97	-63.61	534.87	0.36	440774.97	642126.08	N 32 12 40.85 W 104	0 26.81	
	6485.00	9.63	97.10	6437.38	123.36	-65.34	550.52	0.28	440773.24	642141.74	N 32 12 40.83 W 104	0 26.63	
	6580.00	9.70	96.56	6531.03	126.93	-67.24	566.36	0.12	440771.34	642157.57	N 32 12 40.81 W 104	0 26.44	
	6675.00	9.61	99.10	6624.69	130.76	-69.41	582.14	0.46	440769.17	642173.35	N 32 12 40.79 W 104	0 26.26	
	6770.00	9.68	101.20	6718.34	135.21	-72.21	597.80	0.38	440766.37	642189.01	N 32 12 40.76 W 104	0 26.08	
	6864.00	9.25	105.28	6811.06	140.31	-75.74	612.84	0.85	440762.84	642204.05	N 32 12 40.73 W 104	0 25.90	
	6959.00	9.21	108.16	6904.83	146.21	-80.12	627.43	0.49	440758.46	642218.64	N 32 12 40.68 W 104	0 25.73	
	7053.00	9.31	102.60	6997.61	151.74	-84.12	642.00	0.96	440754.46	642233.21	N 32 12 40.64 W 104	0 25.56	
	7148.00	9.42	102.76	7091.34	156.71	-87.52	657.08	0.12	440751.06	642248.29	N 32 12 40.61 W 104	0 25.39	
	7242.00	10.16	104.33	7183.98	162.09	-91.27	672.62	0.84	440747.31	642263.82	N 32 12 40.57 W 104	0 25.21	
	7337.00	9.42	103.34	7277.59	167.60	-95.14	688.30	0.80	440743.45	642279.50	N 32 12 40.53 W 104	0 25.03	
	7432.00	10.04	103.79	7371.22	173.00	-98.90	703.91	0.66	440739.68	642295.11	N 32 12 40.50 W 104	0 24.84	
	7526.00	10.10	103.78	7463.78	178.59	-102.82	719.87	0.06	440735.76	642311.07	N 32 12 40.46 W 104	0 24.66	
	7621.00	9.92	98.55	7557.33	183.49	-106.02	736.05	0.98	440732.56	642327.25	N 32 12 40.42 W 104	0 24.47	
	7715.00	9.93	93.67	7649.93	186.91	-107.74	752.15	0.89	440730.84	642343.35	N 32 12 40.41 W 104	0 24.28	
	7810.00	9.72	90.49	7743.53	189.21	-108.34	768.34	0.61	440730.25	642359.54	N 32 12 40.40 W 104	0 24.09	
	7905.00	9.96	87.77	7837.14	190.68	-108.09	784.57	0.55	440730.50	642375.77	N 32 12 40.40 W 104	0 23.91	
	7999.00	9.99	86.56	7929.72	191.61	-107.28	800.83	0.23	440731.30	642392.03	N 32 12 40.41 W 104	0 23.72	
	8094.00	10.18	88.08	8023.25	192.60	-106.51	817.45	0.34	440732.08	642408.64	N 32 12 40.42 W 104	0 23.52	
	8188.00	9.67	97.53	8115.85	195.06	-107.26	833.58	1.81	440731.32	642424.77	N 32 12 40.41 W 104	0 23.34	
	8283.00	9.55	103.61	8209.52	199.60	-110.16	849.15	1.08	440728.42	642440.34	N 32 12 40.38 W 104	0 23.15	
	8377.00	9.97	102.31	8302.16	204.79	-113.73	864.68	0.50	440724.85	642455.87	N 32 12 40.34 W 104	0 22.97	
	8472.00	10.33	104.21	8395.67	210.34	-117.58	880.97	0.52	440721.01	642472.16	N 32 12 40.31 W 104	0 22.78	
	8566.00	10.74	103.71	8488.09	216.23	-121.72	897.65	0.45	440716.87	642488.83	N 32 12 40.26 W 104	0 22.59	
	8661.00	10.60	97.23	8581.45	221.24	-124.92	914.92	1.27	440713.67	642506.10	N 32 12 40.23 W 104	0 22.39	
	8756.00	10.63	91.04	8674.82	224.35	-126.18	932.35	1.20	440712.41	642523.53	N 32 12 40.22 W 104	0 22.19	
	8850.00	10.26	91.13	8767.27	226.47	-126.50	949.38	0.39	440712.09	642540.57	N 32 12 40.22 W 104	0 21.99	
	8945.00	10.14	90.98	8860.76	228.58	-126.81	966.20	0.13	440711.78	642557.38	N 32 12 40.21 W 104	0 21.79	
	9040.00	10.14	92.61	8954.28	230.86	-127.33	982.92	0.30	440711.25	642574.10	N 32 12 40.21 W 104	0 21.60	
	9134.00	10.43	94.25	9046.77	233.64	-128.34	999.67	0.44	440710.25	642590.85	N 32 12 40.20 W 104	0 21.40	
	9229.00	10.35	92.93	9140.21	236.52	-129.41	1016.77	0.26	440709.17	642607.95	N 32 12 40.18 W 104	0 21.20	
	9300.00	10.11	93.23	9210.08	238.53	-130.09	1029.36	0.35	440708.50	642620.54	N 32 12 40.18 W 104	0 21.06	
	9405.00	7.54	97.44	9313.83	241.63	-131.50	1045.39	2.52	440707.08	642636.57	N 32 12 40.16 W 104	0 20.87	
	9499.00	12.63	122.06	9406.39	249.43	-137.76	1060.24	6.98	440700.82	642651.41	N 32 12 40.10 W 104	0 20.70	
	9594.00	22.10	138.17	9497.01	270.41	-156.64	1081.01	11.09	440681.94	642672.19	N 32 12 39.91 W 104	0 20.46	
	9689.00	27.14	148.88	9583.39	304.59	-188.55	1104.16	7.07	440650.04	642695.33	N 32 12 39.60 W 104	0 20.19	
	9784.00	36.65	160.46	9664.03	351.95	-233.96	1124.91	11.86	440604.63	642716.08	N 32 12 39.15 W 104	0 19.95	
	9878.00	47.57	164.90	9733.67	413.70	-294.09	1143.39	12.04	440544.51	642734.55	N 32 12 38.55 W 104	0 19.74	
	9973.00	57.78	165.56	9791.20	488.28	-367.05	1162.59	10.76	440471.55	642753.76	N 32 12 37.83 W 104	0 19.52	
Wolfcamp Intersection Lease Line Crossed	10044.43	63.88	167.17	9826.00	550.08	-427.64	1177.26	8.76	440410.97	642768.43	N 32 12 37.23 W 104	0 19.35	
	10058.00	65.03	167.45	9831.85	562.24	-439.58	1179.95	8.76	440399.03	642771.12	N 32 12 37.11 W 104	0 19.32	
	10068.00	65.89	167.66	9836.00	571.28	-448.46	1181.91	8.76	440390.15	642773.08	N 32 12 37.02 W 104	0 19.29	
	10163.00	77.37	170.41	9865.90	660.96	-536.83	1198.96	12.39	440301.79	642790.12	N 32 12 36.15 W 104	0 19.10	
100' FNL Crossed	10166.00	77.77	170.57	9866.54	663.89	-539.72	1199.45	14.19	440298.90	642790.61	N 32 12 36.12 W 104	0 19.09	
Exit Target Box	10251.00	89.02	174.94	9876.31	748.15	-623.33	1210.04	14.19	440215.29	642801.20	N 32 12 35.29 W 104	0 18.97	
	10257.00	89.82	175.24	9876.37	754.15	-629.31	1210.55	14.19	440209.32	642801.72	N 32 12 35.23 W 104	0 18.97	
	10350.00	91.13	178.39	9875.60	847.01	-722.15	1215.72	3.67	440116.48	642806.88	N 32 12 34.31 W 104	0 18.91	
	10436.00	89.20	178.38	9875.35	932.74	-808.11	1218.14	2.24	440030.53	642809.31	N 32 12 33.46 W 104	0 18.88	
	10527.00	88.08	179.80	9877.51	1023.34	-899.07	1219.59	4.99	439939.58	642810.75	N 32 12 32.56 W 104	0 18.87	
	10619.00	91.77	182.46	9877.63	1114.59	-991.03	1217.78	1.94	439847.63	642808.94	N 32 12 31.65 W 104	0 18.90	
	10712.00	90.35	183.31	9875.91	1206.43	-1083.89	1213.10	1.78	439754.77	642804.26	N 32 12 30.73 W 104	0 18.95	
Enter Target Box	10797.00	89.55	181.24	9875.98	1290.53	-1168.82	1209.73	2.61	439669.85	642800.89	N 32 12 29.89 W 104	0 19.00	
	10805.00	89.48	181.04	9876.05	1298.46	-1176.82	1209.57	2.61	439661.85	642800.73	N 32 12 29.81 W 104	0 19.00	
	10898.00	89.40	180.99	9876.96	1390.74	-1269.80	1207.92	0.10	439568.88	642799.08	N 32 12 28.89 W 104	0 19.02	
	10992.00	90.58	182.20	9876.97	1483.90	-1363.76	1205.30	1.80	439474.93	642796.46	N 32 12 27.96 W 104	0 19.05	
	11087.00	90.38	181.82	9876.18	1577.95	-1458.70	1201.97	0.45	439380.00	642793.13	N 32 12 27.03 W 104	0 19.10	
	11182.00	88.89	181.55	9876.78	1672.07	-1553.65	1199.18	1.59	439285.05	642790.34	N 32 12 26.09 W 104	0 19.13	
	11370.00	91.11	181.76	9876.78	1858.34	-1741.56	1193.75	1.19	439097.16	642784.91	N 32 12 24.23 W 104	0 19.20	
	11464.00	89.72	181.37	9876.10	1951.50	-1835.52	1191.18	1.54	439003.21	642782.34	N 32 12 23.30 W 104	0 19.23	
	11559.00	90.49	181.87	9875.93	2045.64	-1930.48	1188.50	0.97	438908.25	642779.66	N 32 12 22.36 W 104	0 19.27	
	11748.00	90.12	181.90	9874.92	2232.81	-2119.38	1182.28	0.20	438719.37	642773.44	N 32 12 20.49 W 104	0 19.35	
	11842.00	90.71	184.16	9874.24	2325.61	-2213.24	1177.31	2.48	438625.52	642768.47	N 32 12 19.56 W 104	0 19.41	
	11937.00	89.74	181.79	9873.87	2419.42	-2308.10	1172.38	2.70	438530.66	642763.54	N 32 12 18.52 W 104	0 19.47	
	12032.00	89.75	181.88	9874.29	2513.51	-2403.05	1169.34	0.10	438435.72	642760.50	N 32 12 17.68 W 104	0 19.51	
	12127.00	90.98	181.49	9873.69	2607.63	-2498.00	1166.55	1.36	438340.78	642757.71	N 32 12 16.74 W 104	0 19.54	
	12222.00	90.69	180.53	9872.30	2701.90	-2592.98	1164.87	1.06	438245.81	642756.04	N 32 12 15.80 W 104	0 19.57	
	12317.00	90.75	181.53	9871.11	2796.15	-2687.95	1163.16	1.05	438150.84	642754.33	N 32 12 14.86 W 104	0 19.59	
	12506.00	89.78	181.27	9870.23	2983.54	-2876.89	1158.55	0.53	437961.92	642749.71	N 32 12 12.99 W 104	0 19.65	
	12696.00	90.58	181.69	9869.64	3171.88	-3066.83	1153.64	0.48	437772.00	642744.80	N 32 12 11.11 W 104	0 19.72	
	12790.00	89.73	180.29	9869.38	3265.16	-3160.81	1152.01	1.74	437678.02	642743.18	N 32 12 10.18 W 104	0 19.74	
	12953.00	89.10	178.40	9871.05	3427.41	-3323.78	1153.88	1.22	437515.06	642745.04	N 32 12 8.57 W 104	0 19.72	
	13075.00	90.03	180.80	9871.97	3548.80	-3445.77	1154.73	2.11	437393.09	642745.89	N 32 12 7.36 W 104	0 19.72	
	13169.00	89.48	177.69	9872.38	3642.38	-3539.74	1155.97	3.36	437299.12	642747.13	N 32 12 6.43 W 104	0 19.70	
	13264.00	90.20	178.74	9872.64	3737.11	-3634.70	1158.9						

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 ° ' '')
	16861.00	90.04	180.65	9865.46	7314.04	-7230.77	1169.67	0.88	433608.39	642760.84	N 32 11 29.91 W 104	0 19.68
	16956.00	90.38	180.90	9865.12	7408.36	-7325.76	1168.39	0.44	433513.41	642759.55	N 32 11 28.97 W 104	0 19.69
	17145.00	89.34	181.04	9865.58	7595.93	-7514.73	1165.19	0.56	433324.45	642756.35	N 32 11 27.10 W 104	0 19.74
	17240.00	89.78	180.76	9866.31	7690.22	-7609.72	1163.70	0.55	433229.48	642754.86	N 32 11 26.16 W 104	0 19.76
	17429.00	90.01	181.58	9866.65	7877.70	-7798.68	1159.84	0.45	433040.53	642751.00	N 32 11 24.29 W 104	0 19.81
	17523.00	90.04	182.37	9866.17	7970.77	-7892.62	1156.60	0.84	432946.60	642747.76	N 32 11 23.36 W 104	0 19.85
	17618.00	90.50	181.85	9866.17	8064.80	-7987.55	1153.10	0.73	432851.67	642744.27	N 32 11 22.42 W 104	0 19.90
	17712.00	89.22	181.31	9866.39	8157.96	-8081.52	1150.51	1.48	432757.72	642741.67	N 32 11 21.49 W 104	0 19.93
	17814.00	90.55	181.92	9866.60	8259.03	-8183.47	1147.83	1.43	432655.77	642738.80	N 32 11 20.48 W 104	0 19.97
	17902.00	90.29	181.47	9865.95	8346.22	-8271.43	1145.03	0.59	432567.82	642736.20	N 32 11 19.61 W 104	0 20.00
	17997.00	89.49	181.41	9866.14	8440.40	-8366.40	1142.64	0.84	432472.86	642733.81	N 32 11 18.67 W 104	0 20.03
	18091.00	89.20	180.21	9867.21	8533.71	-8460.38	1141.31	1.31	432378.88	642732.48	N 32 11 17.74 W 104	0 20.05
	18186.00	89.17	178.93	9868.56	8628.24	-8555.37	1142.03	1.35	432283.90	642733.19	N 32 11 16.80 W 104	0 20.05
	18281.00	88.93	179.05	9870.14	8722.85	-8650.34	1143.70	0.28	432188.94	642734.87	N 32 11 15.86 W 104	0 20.03
	18375.00	88.97	179.31	9871.86	8816.44	-8744.32	1145.05	0.28	432094.97	642736.21	N 32 11 14.93 W 104	0 20.02
	18470.00	89.42	178.93	9873.20	8911.04	-8839.29	1146.51	0.62	432000.00	642737.67	N 32 11 13.99 W 104	0 20.00
	18560.00	89.18	178.26	9875.52	9100.39	-9029.22	1151.16	0.37	431810.09	642742.33	N 32 11 12.12 W 104	0 19.96
	18754.00	90.57	179.17	9875.72	9194.05	-9123.19	1153.27	1.77	431716.12	642744.44	N 32 11 11.19 W 104	0 19.93
	18849.00	89.46	178.81	9875.70	9288.68	-9218.18	1154.95	1.23	431621.15	642746.11	N 32 11 10.25 W 104	0 19.92
	18943.00	90.79	179.40	9875.49	9382.29	-9312.16	1156.41	1.55	431527.17	642747.58	N 32 11 9.32 W 104	0 19.90
	19038.00	89.92	178.79	9874.90	9476.90	-9407.15	1157.92	1.12	431432.19	642749.08	N 32 11 8.38 W 104	0 19.89
	19133.00	89.54	178.82	9875.35	9571.55	-9502.13	1159.90	0.40	431337.22	642751.06	N 32 11 7.44 W 104	0 19.87
	19322.00	90.61	179.30	9875.10	9759.70	-9691.11	1162.14	0.77	431148.26	642753.30	N 32 11 5.57 W 104	0 19.85
	19416.00	90.42	179.30	9874.26	9853.24	-9785.10	1162.86	0.59	431054.27	642754.03	N 32 11 4.64 W 104	0 19.85
	19511.00	89.83	179.28	9874.05	9947.82	-9880.09	1164.04	0.62	430959.29	642755.20	N 32 11 3.70 W 104	0 19.84
	19700.00	89.75	179.16	9874.74	10136.00	-10069.08	1166.45	0.04	430770.32	642757.61	N 32 11 1.83 W 104	0 19.81
	19889.00	89.40	179.16	9876.15	10324.18	-10258.05	1169.05	0.19	430581.36	642760.22	N 32 10 59.96 W 104	0 19.79
	19984.00	89.65	178.71	9876.93	10418.82	-10353.03	1170.82	0.54	430486.38	642761.98	N 32 10 59.02 W 104	0 19.77
	20079.00	90.43	179.82	9876.87	10513.40	-10448.02	1172.04	1.43	430391.40	642763.20	N 32 10 58.08 W 104	0 19.76
	20269.00	89.38	180.77	9877.18	10702.22	-10638.02	1171.06	0.75	430201.43	642762.22	N 32 10 56.20 W 104	0 19.78
	20364.00	89.67	181.11	9877.97	10796.50	-10733.00	1169.50	0.47	430106.45	642760.66	N 32 10 55.26 W 104	0 19.80
330' FSL												
Crossed	20368.00	89.66	181.07	9877.99	10800.47	-10737.00	1169.42	1.02	430102.45	642760.59	N 32 10 55.22 W 104	0 19.80
Final MWD	20458.00	89.44	180.18	9878.70	10889.85	-10826.99	1168.44	1.02	430012.47	642759.61	N 32 10 54.33 W 104	0 19.82
Proj to TD	20489.00	89.44	180.18	9879.00	10920.66	-10857.99	1168.34	0.00	429981.47	642759.51	N 32 10 54.02 W 104	0 19.82

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 Salt Flat CC 20-29 Federal Com 38H Gyro+MWD 0-20489'MD
	1	30.000	30.000	Act Stns	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Salt Flat CC 20-29 Federal Com 38H Gyro+MWD 0-20489'MD
	1	30.000	572.000	Act Stns	26.400	26.400	GYD_GC+DROP+OH	Original Borehole / Oxy Salt Flat CC 20-29 Federal Com 38H Gyro+MWD 0-20489'MD
	1	572.000	20489.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Original Borehole / Oxy Salt Flat CC 20-29 Federal Com 38H Gyro+MWD 0-20489'MD

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Cabinet Secretary

Adrienne E. Sandoval, Director
Oil Conservation Division



November 21, 2019

Ms. Jana Mendiola
janalyn_mendiola@oxy.com

NON-STANDARD LOCATION

Administrative Order NSL-7951

Oxy USA, Inc. [OGRID 16696]
Salt Flat CC 20 29 Federal Com Well No. 38H
API No. 30-015-PENDING

Proposed Location

	Footages	Unit/Lot	Sec.	Twsp	Range	County
Surface	435 FSL & 1835 FWL	N	17	24S	29E	Eddy
First Take Point	100 FNL & 2310 FEL	B	20	24S	29E	Eddy
Last Take Point	330 FSL & 2309 FEL	O	29	24S	29E	Eddy
Terminus	20 FSL & 2310 FEL	O	29	24S	29E	Eddy

Proposed Horizontal Gas Units

Description	Acres	Pool	Pool Code
E2 of Section 20 E2 of Section 29	640	Purple Sage; Wolfcamp (GAS)	98220

Reference is made to your application received on October 21, 2019.

You have requested to complete this horizontal well as a gas well described above in the referenced pool or formation. This well is governed by special rules (R-14262) for the Purple Sage; Wolfcamp (Gas) Pool of and provides for 320-acre units, with wells located at least 330 feet from a unit outer boundary.

This well's completed interval is as close as 100 feet to the northern edge of the horizontal spacing unit. Encroachment will impact the following tracts.

Section 17, encroachment to the SE/4

Administrative Order NSL-7951

Oxy USA, Inc.

November 21, 2019

Page 2 of 2

The Division understands you have given notice of this application to all operators or owners who are "affected persons," as defined in 19.15.2.7(A)(8) NMAC, in all adjoining units towards which the proposed location encroaches.

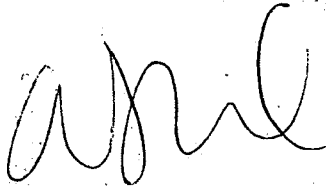
The Division understands you seek this unorthodox location as an efficient spacing of your horizontal wells, thereby preventing waste within the Wolfcamp formation underlying the E2 of Section 20 and Section 29.

Your application has been filed under 19.15.16.15(C)(6) NMAC, 19.15.15.13 NMAC and 19.15.4.12 (A)(2) NMAC.

Per 19.15.15.13(B) NMAC, Division approves this unorthodox location.

The above approvals are subject to your following all other applicable Division rules.

Jurisdiction of this case is retained for the entry of further orders as Division deems necessary.



ADRIENNE E. SANDOVAL
Division Director

AES/lrl

cc: Oil Conservation Division – Artesia District Office
Bureau of Land Management – Carlsbad Field Office