

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.*5. Lease Serial No.
NMNM19199

6. Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

IAN 31 2019

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

CAL-MON 35 FEDERAL 172H

2. Name of Operator

OXY USA INCORPORATED

Contact: SARAH CHAPMAN

E-Mail: SARAH_CHAPMAN@OXY.COM

9. API Well No.

30-015-45521-00-X1

3a. Address

5 GREENWAY PLAZA SUITE 110
HOUSTON, TX 77046-0521

3b. Phone No. (include area code)

Ph: 713-350-4997

10. Field and Pool or Exploratory Area
WILDCAT

11. County or Parish, State

EDDY COUNTY, NM

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

Sec 35 T23S R31E NWNE 275FNL 2458FEL
32.267426 N Lat, 103.748001 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	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

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 recompleat 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.

OXY USA Inc wishes to make the following changes to the original APD submitted:

1. Cal Mon 35 Federal 172H BHL is moving 250' east of initial permitted location.

2. Cal Mon 35 Federal 172H will now be completed in the Wolfcamp A formation, not the Wolfcamp XY.

New directional plan, drill plan (with highlighted changes noted), drill plot, C-102 and supplemental information is attached for your use.

All previous COAN will apply.

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

Electronic Submission #451198 verified by the BLM Well Information System

For OXY USA INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by MUSTAFA HAQUE on 01/22/2019 (19MH0019SE)

Name (Printed/Typed) DAVID STEWART

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date 01/21/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By MUSTAFA HAQUE

Title PETROLEUM ENGINEER

Date 01/23/2019

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 **

Rev. 2-12-19
2-20-19

District I
1623 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
District III
1000 Rio Grande Road, Artesia, 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 **NM OIL CONSERVATION**
Energy, Minerals & Natural Resources Department **ARTESIA DISTRICT**
OIL CONSERVATION DIVISION
1220 South St. Francis Dr. **JAN 31 2019**
Santa Fe, NM 87505

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

RECEIVED

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

WC-015-G085-23135

API Number 30-015-45921	Pool Code 20256	Pool Name Wildcat Wolfcamp
Property Code 314955	Property Name CAL-MON "35" FEDERAL	172H
OGRID No. 16096	Operator Name OXY USA INC.	Elevation 3462.4'

Surface Location

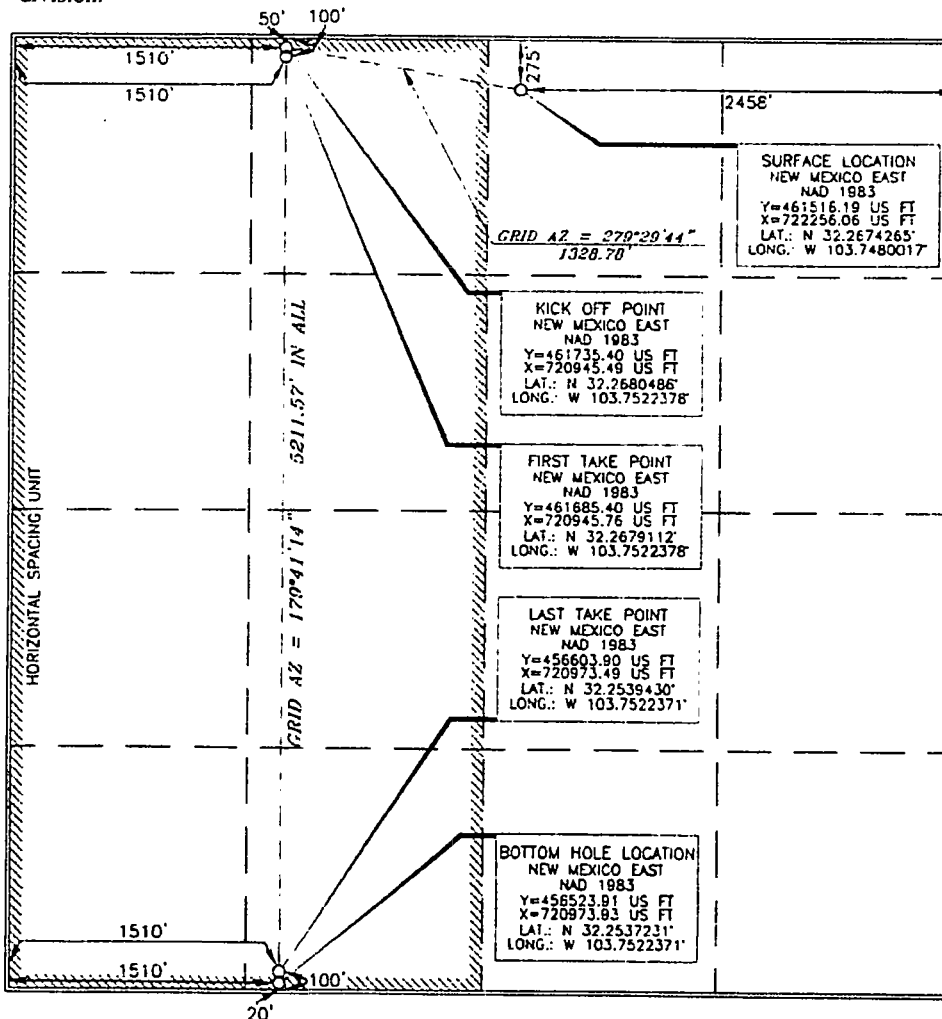
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	35	23 SOUTH	31 EAST, N.M.P.M.		275'	NORTH	2458'	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	23 SOUTH	31 EAST, N.M.P.M.		20'	SOUTH	1510'	WEST	EDDY

Dedicated Acres 320	Joint or Infill	Consolidation Code	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.



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 undivided 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.

Signature required by the division

Sarah Chapman 1/1/19
Signature
Sarah Chapman
Printed Name
sarah-chapman@oxy.com
E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from reliable professional surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

ERRY J. AS
15079
Date of Survey **FEBRUARY 13, 2018**
Signature and Seal of Professional Surveyor

ERRY J. AS
Certificate Number 15079

WO# 170922WL-a (Rev. B) (KA)

RUP-2-12-19
2-20-19

**NM OIL CONSERVATION
ARTESIA DISTRICT**

Intent ☒ As Drilled ☐

JAN 31 2019

API #
30-015-45521

RECEIVED

Operator Name: OWB USA Inc.	Property Name: Cal Man 35 Federal	Well Number 172H
------------------------------------	--	-------------------------

Kick Off Point (KOP)

UL C	Section 35	Township 23S	Range 31E	Lot	Feet 50	From N/S NORTH	Feet 1510	From E/W WEST	County EDDY
Latitude 32.2680486					Longitude -103.7522378			NAD NAD83	

First Take Point (FTP)

UL C	Section 35	Township 23S	Range 31E	Lot	Feet 100	From N/S NORTH	Feet 1510	From E/W WEST	County EDDY
Latitude 32.2679112					Longitude -103.7522378			NAD NAD83	

Last Take Point (LTP)

UL N	Section 35	Township 23S	Range 31E	Lot	Feet 100	From N/S SOUTH	Feet 1510	From E/W WEST	County EDDY
Latitude 32.2539430					Longitude -103.7522371			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: Original Borehole Well: Oxy Cal-Mon 35 Federal 172H Field: NM Eddy County (NAD 83) Structure: Oxy Cal-Mon 35 Federal 172H

Gravity & Magnetic Parameters

Model: HDGM 2018 Dip: 68.89° Date: 18-Dec-2018
MagDec: 8.835° FS: 47894.171mT Gravity FS: 988.446mgn (8.80655 Based)

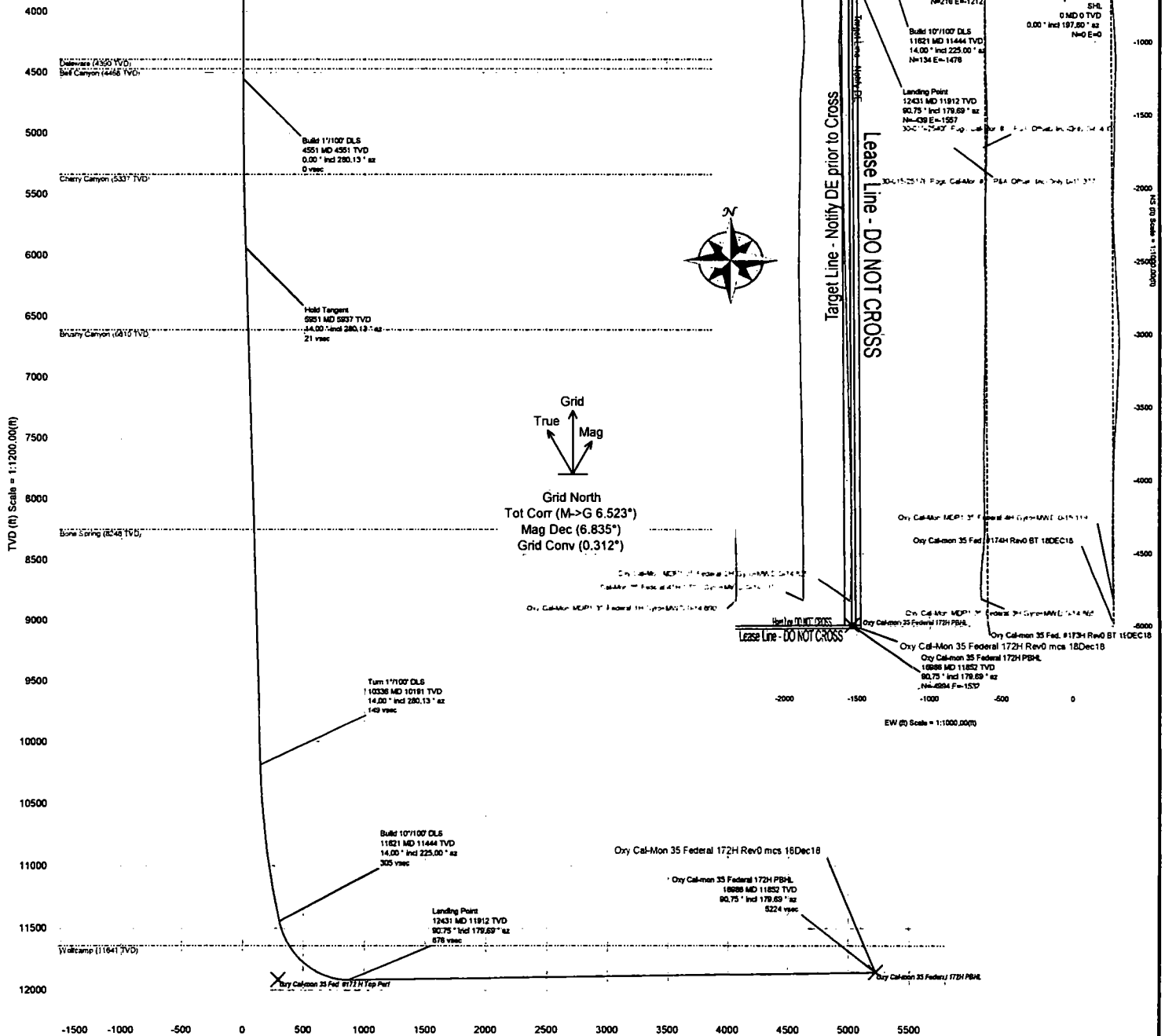
Surface Location NAD83 New Mexico State Plane, Eastern Zone, US Feet

Lat: N 32 18 2.74 Northing: 461516.181US Grid Conv: 0.3125°
Lon: W 103 44 52.81 Easting: 722256.061US Scale Fact: 0.99994658

Miscellaneous

Slot: Oxy Cal-Mon 35 Federal 172H TVD Ref: R023468.31 above MSL)
Plan: Oxy Cal-Mon 35 Federal 172H Rev0 mcs 18Dec18

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(°)S(°)	E(°)W(°)	DLS
SHA	0.00	0.00	197.80	0.00	0.00	0.00	0.00	0.00
Rustler	714.00	0.00	280.13	714.00	0.00	0.00	0.00	0.00
Salado	1030.00	0.00	280.13	1030.00	0.00	0.00	0.00	0.00
Castle	2901.00	0.00	280.13	2901.00	0.00	0.00	0.00	0.00
Delaware	4390.00	0.00	280.13	4390.00	0.00	0.00	0.00	0.00
Ball Canyon	4468.00	0.00	280.13	4468.00	0.00	0.00	0.00	0.00
Build 17100 DLS	4551.00	0.00	280.13	4551.00	0.00	0.00	0.00	0.00
Cherry Canyon	5338.49	7.88	280.13	5337.24	6.54	9.52	-53.32	1.00
Hold Tangent	5951.13	14.00	280.13	5937.24	20.54	28.93	-167.57	1.00
Brushy Canyon	6844.49	14.00	280.13	6810.00	40.76	58.43	-332.71	0.00
Bone Spring	8332.85	14.00	280.13	8248.00	90.05	131.25	-734.79	0.00
Turn 17100 DLS	10035.59	14.00	280.13	10191.43	148.52	216.46	-1211.84	0.00
Build 107100 DLS	11621.15	14.00	280.13	11444.06	305.31	133.50	-1478.00	1.00
Wellcamp	11836.01	32.72	195.80	11841.00	387.28	58.37	-1510.80	10.00
Landing Point	12430.82	90.75	179.89	11912.00	878.36	-438.88	-1556.97	10.00
Oxy Cal-Mon 35 Federal 172H PBHL	16986.02	90.75	179.89	11852.00	523.68	-6993.92	-1532.20	0.00



Vertical Section (ft) Azim = 197.06° Scale = 1:1200.00(ft) Origin = 0N-S, 0E-W

Oxy Cal-Mon 35 Federal 172H Rev0 mcs 18Dec18 Proposal Geodetic Report (Def Plan)



Report Date: December 18, 2018 - 08:08 PM
Client: OXY
Field: NM Eddy County (NAD 83)
Structure / Slot: Oxy Cal-Mon 35 Federal 172H / Oxy Cal-Mon 35 Federal 172H
Well: Oxy Cal-Mon 35 Federal 172H
Borehole: Original Borehole
UWI / API#: Unknown / Unknown
Survey Name: Oxy Cal-Mon 35 Federal 172H Rev0 mcs 18Dec18
Survey Date: December 18, 2018
Tort / AHD / DDI / ERD Ratio: 107.805 * / 6859.187 ft / 8.010 / 0.559
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 16' 2.73540", W 103° 44' 52.80816"
Location Grid N/E Y/X: N 481516.185 RUS, E 722256.080 ftUS
CRS Grid Convergence Angle: 0.3125 *
Grid Scale Factor: 0.99994858
Version / Patch: 2.10.753.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 197.596 * (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3488.900 ft above MSL
Seabed / Ground Elevation: 3462.400 ft above MSL
Magnetic Declination: 6.835 *
Total Gravity Field Strength: 988.4459mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47984.171 nT
Magnetic Dip Angle: 59.990 *
Declination Date: December 18, 2018
Magnetic Declination Model: HDGM 2018
North Reference: Grid North
Grid Convergence Used: 0.3125 *
Total Corr Mag North->Grid North: 6.5227 *
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL	0.00	0.00	197.60	0.00	0.00	0.00	0.00	N/A	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	100.00	0.00	280.13	100.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	200.00	0.00	280.13	200.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	300.00	0.00	280.13	300.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	400.00	0.00	280.13	400.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	500.00	0.00	280.13	500.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	600.00	0.00	280.13	600.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	700.00	0.00	280.13	700.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	800.00	0.00	280.13	800.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	900.00	0.00	280.13	900.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	1000.00	0.00	280.13	1000.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	1100.00	0.00	280.13	1100.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	1200.00	0.00	280.13	1200.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	1300.00	0.00	280.13	1300.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	1400.00	0.00	280.13	1400.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	1500.00	0.00	280.13	1500.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	1600.00	0.00	280.13	1600.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	1700.00	0.00	280.13	1700.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	1800.00	0.00	280.13	1800.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	1900.00	0.00	280.13	1800.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	2000.00	0.00	280.13	2000.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	2100.00	0.00	280.13	2100.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	2200.00	0.00	280.13	2200.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	2300.00	0.00	280.13	2300.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	2400.00	0.00	280.13	2400.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	2500.00	0.00	280.13	2500.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	2600.00	0.00	280.13	2600.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	2700.00	0.00	280.13	2700.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	2800.00	0.00	280.13	2800.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	2900.00	0.00	280.13	2900.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	3000.00	0.00	280.13	3000.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	3100.00	0.00	280.13	3100.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	3200.00	0.00	280.13	3200.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	3300.00	0.00	280.13	3300.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	3400.00	0.00	280.13	3400.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	3500.00	0.00	280.13	3500.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	3600.00	0.00	280.13	3600.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	3700.00	0.00	280.13	3700.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	3800.00	0.00	280.13	3800.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	3900.00	0.00	280.13	3800.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	4000.00	0.00	280.13	4000.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	4100.00	0.00	280.13	4100.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	4200.00	0.00	280.13	4200.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	4300.00	0.00	280.13	4300.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
	4400.00	0.00	280.13	4400.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
4500.00	0.00	280.13	4500.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81		
Build 1"/100'	4551.00	0.00	280.13	4551.00	0.00	0.00	0.00	0.00	461518.19	722256.08	N 32 16 2.74 W 103 44 52.81	
DLS	4650.00	0.49	280.13	4600.00	0.03	0.04	-0.21	1.00	461516.22	722255.85	N 32 16 2.74 W 103 44 52.81	
	4700.00	1.49	280.13	4699.98	0.25	0.34	-1.91	1.00	461516.53	722254.15	N 32 16 2.74 W 103 44 52.83	
	4800.00	2.49	280.13	4799.92	0.70	0.95	-5.33	1.00	461517.14	722250.73	N 32 16 2.75 W 103 44 52.87	
	4900.00	3.49	280.13	4899.78	1.38	1.87	-10.48	1.00	461518.05	722245.60	N 32 16 2.75 W 103 44 52.93	
	5000.00	4.49	280.13	4999.54	2.29	3.09	-17.31	1.00	461519.28	722238.75	N 32 16 2.77 W 103 44 53.01	
	5100.00	5.49	280.13	5099.16	3.42	4.62	-25.87	1.00	461520.81	722230.19	N 32 16 2.78 W 103 44 53.11	
	5200.00	6.49	280.13	5198.81	4.77	6.46	-36.15	1.00	461522.64	722219.82	N 32 16 2.80 W 103 44 53.23	
	5300.00	7.49	280.13	5297.87	6.35	8.60	-48.13	1.00	461524.76	722207.94	N 32 16 2.82 W 103 44 53.37	
	5400.00	8.49	280.13	5396.90	8.16	11.04	-61.81	1.00	461527.22	722194.25	N 32 16 2.85 W 103 44 53.53	
	5500.00	9.49	280.13	5495.67	10.19	13.79	-77.19	1.00	461529.87	722178.87	N 32 16 2.88 W 103 44 53.70	
	5600.00	10.49	280.13	5594.15	12.45	16.84	-94.27	1.00	461533.02	722161.80	N 32 16 2.91 W 103 44 53.90	
	5700.00	11.49	280.13	5692.31	14.93	20.19	-113.03	1.00	461536.37	722143.03	N 32 16 2.94 W 103 44 54.12	
	5800.00	12.49	280.13	5790.13	17.63	23.84	-133.48	1.00	461540.03	722122.58	N 32 16 2.98 W 103 44 54.36	
	5900.00	13.49	280.13	5887.57	20.55	27.80	-155.81	1.00	461543.98	722100.46	N 32 16 3.02 W 103 44 54.62	
	5951.13	14.00	280.13	5937.24	22.13	29.93	-167.57	1.00	461546.12	722088.50	N 32 16 3.04 W 103 44 54.76	
	6000.00	14.00	280.13	5984.65	23.66	32.01	-179.21	0.00	461548.19	722076.86	N 32 16 3.06 W 103 44 54.89	
	6100.00	14.00	280.13	6081.68	26.81	36.27	-203.03	0.00	461552.45	722053.04	N 32 16 3.11 W 103 44 55.17	
	6200.00	14.00	280.13	6178.71	29.95	40.52	-226.85	0.00	461556.70	722029.23	N 32 16 3.15 W 103 44 55.45	
	6300.00	14.00	280.13	6275.74	33.10	44.77	-250.66	0.00	461560.96	722005.41	N 32 16 3.19 W 103 44 55.72	
	6400.00	14.00	280.13	6372.77	36.24	49.03	-274.48	0.00	461565.21	721981.59	N 32 16 3.24 W 103 44 56.00	
	6500.00	14.00	280.13	6469.80	39.39	53.28	-298.30	0.00	461569.46	721957.78	N 32 16 3.28 W 103 44 56.28	
	6600.00	14.00	280.13	6566.83	42.53	57.54	-322.12	0.00	461573.72	721933.96	N 32 16 3.32 W 103 44 56.55	
	6700.00	14.00	280.13	6663.86	45.68	61.79	-345.93	0.00	461577.97	721910.14	N 32 16 3.37 W 103 44 56.83	
	6800.00	14.00	280.13	6760.89	48.82	66.05	-369.75	0.00	461582.23	721886.33	N 32 16 3.41 W 103 44 57.11	
	6900.00	14.00	280.13	6857.92	51.97	70.30	-393.57	0.00	461586.48	721862.51	N 32 16 3.45 W 103 44 57.39	
	7000.00	14.00	280.13	6954.94	55.11	74.55	-417.39	0.00	461590.73	721838.70	N 32 16 3.50 W 103 44 57.66	
	7100.00	14.00	280.13	7051.97	58.26	78.81	-441.20	0.00	461594.99	721814.88	N 32 16 3.54 W 103 44 57.94	
	7200.00	14.00	280.13	7149.00	61.40	83.06	-465.02	0.00	461599.24	721791.08	N 32 16 3.58 W 103 44 58.22	
	7300.00	14.00	280.13	7246.03	64.55	87.32	-488.84	0.00	461603.50	721767.25	N 32 16 3.63 W 103 44 58.49	
	7400.00	14.00	280.13	7343.06	67.69	91.57	-512.66	0.00	461607.75	721743		

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 ° ° °)
	7600.00	14.00	280.13	7537.12	73.98	100.08	-560.29	0.00	461616.26	721695.80	N 32 16 3.76	W 103 44 59.32
	7700.00	14.00	280.13	7634.15	77.13	104.33	-584.11	0.00	461620.51	721671.98	N 32 16 3.80	W 103 44 59.60
	7800.00	14.00	280.13	7731.18	80.27	108.59	-607.93	0.00	461624.77	721648.17	N 32 16 3.84	W 103 44 59.88
	7900.00	14.00	280.13	7828.21	83.42	112.84	-631.74	0.00	461629.02	721624.35	N 32 16 3.89	W 103 45 0.16
	8000.00	14.00	280.13	7925.23	86.57	117.10	-655.56	0.00	461633.28	721600.53	N 32 16 3.93	W 103 45 0.43
	8100.00	14.00	280.13	8022.26	89.71	121.35	-679.38	0.00	461637.53	721576.72	N 32 16 3.97	W 103 45 0.71
	8200.00	14.00	280.13	8119.29	92.86	125.61	-703.20	0.00	461641.78	721552.90	N 32 16 4.02	W 103 45 0.99
	8300.00	14.00	280.13	8216.32	96.00	129.86	-727.01	0.00	461646.04	721529.09	N 32 16 4.06	W 103 45 1.26
	8400.00	14.00	280.13	8313.35	99.15	134.11	-750.83	0.00	461650.29	721505.27	N 32 16 4.10	W 103 45 1.54
	8500.00	14.00	280.13	8410.38	102.29	138.37	-774.65	0.00	461654.55	721481.45	N 32 16 4.15	W 103 45 1.82
	8600.00	14.00	280.13	8507.41	105.44	142.62	-798.47	0.00	461658.80	721457.64	N 32 16 4.19	W 103 45 2.10
	8700.00	14.00	280.13	8604.44	108.58	146.88	-822.28	0.00	461663.05	721433.82	N 32 16 4.23	W 103 45 2.37
	8800.00	14.00	280.13	8701.47	111.73	151.13	-846.10	0.00	461667.31	721410.01	N 32 16 4.28	W 103 45 2.65
	8900.00	14.00	280.13	8798.50	114.87	155.39	-869.92	0.00	461671.56	721386.19	N 32 16 4.32	W 103 45 2.93
	9000.00	14.00	280.13	8895.52	118.02	159.64	-893.74	0.00	461675.82	721362.37	N 32 16 4.36	W 103 45 3.20
	9100.00	14.00	280.13	8992.55	121.16	163.89	-917.55	0.00	461680.07	721338.56	N 32 16 4.41	W 103 45 3.48
	9200.00	14.00	280.13	9089.58	124.31	168.15	-941.37	0.00	461684.32	721314.74	N 32 16 4.45	W 103 45 3.76
	9300.00	14.00	280.13	9186.61	127.45	172.40	-965.19	0.00	461688.58	721290.92	N 32 16 4.49	W 103 45 4.04
	9400.00	14.00	280.13	9283.64	130.60	176.66	-989.01	0.00	461692.83	721267.11	N 32 16 4.54	W 103 45 4.31
	9500.00	14.00	280.13	9380.67	133.74	180.91	-1012.82	0.00	461697.09	721243.29	N 32 16 4.58	W 103 45 4.59
	9600.00	14.00	280.13	9477.70	136.89	185.17	-1036.64	0.00	461701.34	721219.48	N 32 16 4.62	W 103 45 4.87
	9700.00	14.00	280.13	9574.73	140.03	189.42	-1060.46	0.00	461705.59	721195.66	N 32 16 4.67	W 103 45 5.14
	9800.00	14.00	280.13	9671.76	143.18	193.67	-1084.28	0.00	461709.85	721171.84	N 32 16 4.71	W 103 45 5.42
	9900.00	14.00	280.13	9768.79	146.32	197.93	-1108.09	0.00	461714.10	721148.03	N 32 16 4.75	W 103 45 5.70
	10000.00	14.00	280.13	9865.81	149.47	202.18	-1131.91	0.00	461718.36	721124.21	N 32 16 4.80	W 103 45 5.98
	10100.00	14.00	280.13	9962.84	152.61	206.44	-1155.73	0.00	461722.61	721100.40	N 32 16 4.84	W 103 45 6.25
	10200.00	14.00	280.13	10059.87	155.76	210.69	-1179.55	0.00	461726.86	721076.58	N 32 16 4.88	W 103 45 6.53
	10300.00	14.00	280.13	10156.90	158.90	214.95	-1203.36	0.00	461731.12	721052.76	N 32 16 4.93	W 103 45 6.81
Turn 1°/100'												
DLS	10335.59	14.00	280.13	10191.43	160.02	216.46	-1211.84	0.00	461732.83	721044.29	N 32 16 4.94	W 103 45 6.91
	10400.00	13.72	277.70	10253.97	162.35	218.85	-1227.08	1.00	461735.03	721029.05	N 32 16 4.97	W 103 45 7.08
	10500.00	13.34	273.76	10351.20	167.14	221.20	-1250.35	1.00	461737.37	721005.78	N 32 16 4.99	W 103 45 7.35
	10600.00	13.02	269.60	10448.56	173.38	221.88	-1273.12	1.00	461738.05	720983.01	N 32 16 5.00	W 103 45 7.62
	10700.00	12.77	265.26	10546.05	181.06	220.89	-1295.39	1.00	461737.06	720960.74	N 32 16 4.99	W 103 45 7.88
	10800.00	12.59	260.78	10643.61	190.18	218.23	-1317.16	1.00	461734.40	720938.97	N 32 16 4.97	W 103 45 8.13
	10900.00	12.49	256.19	10741.23	200.73	213.90	-1338.42	1.00	461730.07	720917.72	N 32 16 4.92	W 103 45 8.38
	11000.00	12.47	251.56	10838.87	212.71	207.90	-1359.16	1.00	461724.08	720896.98	N 32 16 4.87	W 103 45 8.62
	11100.00	12.52	246.95	10936.50	226.12	200.24	-1379.37	1.00	461716.42	720876.76	N 32 16 4.79	W 103 45 8.86
	11200.00	12.66	242.40	11034.10	240.96	190.92	-1399.06	1.00	461707.10	720857.08	N 32 16 4.70	W 103 45 9.09
	11300.00	12.87	237.97	11131.63	257.21	179.94	-1418.20	1.00	461696.12	720837.93	N 32 16 4.59	W 103 45 9.31
	11400.00	13.15	233.71	11229.07	274.88	167.31	-1436.81	1.00	461683.48	720819.33	N 32 16 4.47	W 103 45 9.53
	11500.00	13.50	229.64	11326.38	293.94	153.02	-1454.87	1.00	461669.19	720801.27	N 32 16 4.33	W 103 45 9.74
	11600.00	13.91	225.79	11423.54	314.45	137.08	-1472.37	1.00	461653.26	720783.77	N 32 16 4.17	W 103 45 9.94
Build 10°/100'												
DLS	11621.15	14.00	225.00	11444.06	318.96	133.50	-1476.00	1.00	461649.68	720780.14	N 32 16 4.14	W 103 45 9.99
	11700.00	20.27	208.44	11519.42	340.87	114.72	-1489.27	10.00	461630.89	720766.87	N 32 16 3.95	W 103 45 10.14
	11800.00	29.33	198.17	11610.15	382.48	76.12	-1505.19	10.00	461592.30	720750.95	N 32 16 3.57	W 103 45 10.33
	11900.00	38.82	192.52	11692.90	438.33	22.11	-1519.86	10.00	461538.29	720736.48	N 32 16 3.04	W 103 45 10.50
	12000.00	48.50	188.82	11765.17	506.74	-45.66	-1532.23	10.00	461470.52	720723.91	N 32 16 2.37	W 103 45 10.65
	12100.00	58.26	183.81	11824.77	585.61	-125.15	-1542.52	10.00	461391.05	720713.62	N 32 16 1.58	W 103 45 10.78
	12200.00	68.06	183.81	11869.67	672.58	-213.92	-1550.22	10.00	461302.27	720705.92	N 32 16 0.70	W 103 45 10.87
	12300.00	77.89	182.00	11899.11	764.95	-308.30	-1555.10	10.00	461206.91	720701.05	N 32 16 0.00	W 103 45 10.94
	12400.00	87.74	180.22	11911.60	859.96	-408.37	-1557.00	10.00	461107.84	720699.15	N 32 15 58.78	W 103 45 10.96
	12430.82	87.74	179.69	11912.00	869.13	-438.98	-1556.87	10.00	461077.23	720699.17	N 32 15 58.48	W 103 45 10.97
	12500.00	87.74	179.69	11911.08	865.14	-508.35	-1556.05	0.00	461007.86	720699.55	N 32 15 57.79	W 103 45 10.97
	12600.00	87.74	179.69	11909.77	1050.29	-608.34	-1556.05	0.00	460907.88	720700.09	N 32 15 56.80	W 103 45 10.97
	12700.00	87.74	179.69	11908.45	1145.44	-708.33	-1555.51	0.00	460807.89	720700.64	N 32 15 55.81	W 103 45 10.97
	12800.00	87.74	179.69	11907.13	1240.58	-808.32	-1554.97	0.00	460707.91	720701.18	N 32 15 54.82	W 103 45 10.97
	12900.00	87.74	179.69	11905.82	1335.73	-908.31	-1554.42	0.00	460607.82	720701.72	N 32 15 53.83	W 103 45 10.97
	13000.00	87.74	179.69	11904.50	1430.88	-1008.30	-1553.88	0.00	460507.64	720702.27	N 32 15 52.84	W 103 45 10.97
	13100.00	87.74	179.69	11903.18	1526.02	-1108.29	-1553.33	0.00	460407.65	720702.81	N 32 15 51.85	W 103 45 10.97
	13200.00	87.74	179.69	11901.86	1621.17	-1208.28	-1552.79	0.00	460307.67	720703.36	N 32 15 50.86	W 103 45 10.97
	13300.00	87.74	179.69	11900.55	1716.32	-1308.27	-1552.25	0.00	460207.69	720703.90	N 32 15 49.87	W 103 45 10.97
	13400.00	87.74	179.69	11899.23	1811.46	-1408.26	-1551.70	0.00	460107.69	720704.44	N 32 15 48.88	W 103 45 10.97
	13500.00	87.74	179.69	11897.91	1906.61	-1508.25	-1551.16	0.00	460008.02	720704.99	N 32 15 47.89	W 103 45 10.97
	13600.00	87.74	179.69	11896.60	2001.76	-1608.24	-1550.61	0.00	459908.03	720705.53	N 32 15 46.91	W 103 45 10.97
	13700.00	87.74	179.69	11895.28	2096.90	-1708.23	-1550.07	0.00	459808.05	720706.07	N 32 15 45.92	W 103 45 10.97
	13800.00	87.74	179.69	11893.96	2192.05	-1808.22	-1549.53	0.00	459708.06	720706.62	N 32 15 44.93	W 103 45 10.97
	13900.00	87.74	179.69	11892.65	2287.20	-1908.21	-1548.98	0.00	459608.08	720707.16	N 32 15 43.94	W 103 45 10.97
	14000.00	87.74	179.69	11891.33	2382.35	-2008.20	-1548.44	0.00	459508.09	720707.71	N 32 15 42.95	W 103 45 10.97
	14100.00	87.74	179.69	11890.01	2477.49	-2108.19	-1547.90	0.00	459408.11	720708.25	N 32 15 41.96	W 103 45 10.97
	14200.00	87.74	179.69	11888.69	2572.64	-2208.18	-1547.35	0.00	459308.13	720708.79	N 32 15 40.97	W 103 45 10.97
	14300.00	87.74	179.69	11887.38	2667.79	-2308.17	-1546.81	0.00	459208.14	720709.34	N 32 15 39.98	W 103 45 10.97
	14400.00	87.74	179.69	11886.06	2762.93	-2408.16	-1546.26	0.00	459108.16	720709.88	N 32 15 38.99	W 103 45 10.97
	14500.00	87.74	179.69	11884.74	2858.08	-2508.15	-1545.72	0.00	459008.17	720710.43	N 32 15 38.00	W 103 45 10.97
	14600.00	87.74	179.69	11883.43	2953.23	-2608.14	-1545.18	0.00	458908.19	720710.97	N 32 15 37.01	W 103 45 10.97
	14700.00	87.74	179.69	11882.11	3048.37	-2708.13	-1544.63	0.00	458808.20	720711.51	N 32	

Comments	MD (ft)	Incl (°)	Azlm 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 (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type		Borehole / Survey		
	1	0.000	26.500	1/100.000	30.000	30.000		SLB_UNKNOWN-Depth Only		Original Borehole / Oxy Cal-Mon 35 Federal 172H Rev0 mcs		
	1	26.500	16986.022	1/100.000	30.000	30.000		SLB_UNKNOWN		Original Borehole / Oxy Cal-Mon 35 Federal 172H Rev0 mcs		

Oxy USA Inc. - Cal-Mon 35 Fed 172H

Changes are highlighted in yellow. There were no changes to the BOPE.

1. Geologic Formations

TVD of target	11912	Pilot Hole Depth	N/A
MD at TD:	10986	Deepest Expected fresh water:	714'

2. Casing Program

Hole Size (in)	Casing Interval		Csg. Size (in)	Weight (lbs)	Grade	Conn.	SF	SF Burst	Buoyant Body SF	Buoyant Joint SF
	From (ft)	To (ft)					Collapse		Tension	Tension
14.75	0	764	10.75	40.5	J-55	BTC	1.125	1.2	1.4	1.4
9.875	0	11521	7.625	26.4	L-80 HC	BTC	1.125	1.2	1.4	1.4
6.75	0	11894	5.5	20	P-110	DQX	1.125	1.2	1.4	1.4
6.75	11894	16986	4.5	13.5	P-110	DQX	1.125	1.2	1.4	1.4
SF Values will meet or Exceed										

3. Cementing Program

Casing String	# Sks	Wt. (lb/gal)	Yld (ft ³ /sack)	H2O (gal/sk)	500# Comp. Strength (hours)	Slurry Description
Surface (Lead)	N/A	N/A	N/A	N/A	N/A	N/A
Surface (Tail)	626	14.8	1.33	6.365	5:26	Class C Cement, Accelerator
Intermediate 1st Stage (Lead)	618	10.2	2.58	11.568	6:59	Pozzolan Cement, Retarder
Intermediate 1st Stage (Tail)	167	13.2	1.61	7.804	7:11	Class H Cement, Retarder, Dispersant, Salt
DV/ECP Tool @ 4440 (We request the option to cancel the second stage if cement is circulated to surface during the first stage of cement)						
Intermediate 2nd Stage (Lead)	N/A	N/A	N/A	N/A	N/A	N/A
Intermediate 2nd Stage (Tail)	1053	13.6	1.67	8.765	7:32	Class C Cement, Accelerator, Retarder
Production (Lead)	N/A	N/A	N/A	N/A	N/A	N/A
Production (Tail)	680	13.2	1.38	6.686	3:39	Class H Cement, Retarder, Dispersant, Salt

Casing String	Top (ft)	Bottom (ft)	% Excess
Surface (Lead)	N/A	N/A	N/A
Surface (Tail)	0	764	100%
Intermediate 1st Stage (Lead)	4340	10521	20%
Intermediate 1st Stage (Tail)	10521	11521	20%
Intermediate 2nd Stage (Lead)	N/A	N/A	N/A
Intermediate 2nd Stage (Tail)	0	4440	100%
Production (Lead)	N/A	N/A	N/A
Production (Tail)	11021	16986	20%

Oxy USA Inc. - Cal-Mon 35 Fed 172H

4. Mud Program

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From (ft)	To (ft)				
0	764	Water-Based Mud	8.6-8.8	40-60	N/C
764		Saturated Brine-Based or Oil-Based Mud	8.0-10.0	35-45	N/C
		Water-Based or Oil-Based Mud	9.5-12.0	38-50	N/C

5. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	
Abnormal Temperature	No
BH Temperature at deepest TVD	

Total estimated cuttings volume: 1422.4 bbls.

Attachments

 x Directional Plan

6. Company Personnel

Name	Title	Office Phone	Mobile Phone
Price Maxwell	Drilling Engineer	713-552-8744	830-370-6326
Diego Tellez	Drilling Engineer Supervisor	713-350-4602	713-303-4932
Simon Benavides	Drilling Superintendent	713-522-8652	281-684-6897
John Willis	Drilling Manager	713-366-5556	713-259-1417