

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.***Carlsbad Field Office**
OCD Artesia**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. CEDAR CANYON 22-15 FEDERAL COM 341
2. Name of Operator OXY USA INCORPORATED Contact: DAVID STEWART E-Mail: david_stewart@oxy.com		9. API Well No. 30-015-44055-00-X1
3a. Address 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521	3b. Phone No. (include area code) Ph: 432.685.5717	10. Field and Pool or Exploratory Area PIERCE CROSSING-BONE SPRING, E
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T24S R29E NENE 1107FNL 1022FEL 32.207199 N Lat, 103.967056 W Lon		11. County or Parish, State EDDY COUNTY, NM

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 APD
	☐ 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 recompleate 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 recompleation 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. respectfully requests approval for the following changes to the approved APD:

Amend casing/cementing program - Amend for surface casing setting depth and update production casing and liner setting depths.

Surface Casing

10-3/4" 40.5# J55 BTC new csg @ 0-546' 14-3/4" hole
SF Coll-7.6 SF Burst-1.54 SF Body Ten-2.89 SF Joint Ten-3.23

Production Casing - 7-5/8" new casing @ 0-9739'M, 9-7/8" hole

a. 7-5/8" 29.7# L-80 BTC new csg @ 0-7000'M
SF Coll-1.14 SF Burst-1.28 SF Body Ten-1.71 SF Joint Ten-1.86*- well has already been drilled. Actual casing setting depth & casing type is attached in the SR.*NM CONSERVATION
ARTESIA DISTRICT

MAR 08 2018

RECEIVED

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

Electronic Submission #368283 verified by the BLM Well Information System
For OXY USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/07/2017 (17PP0341SE)

Name (Printed/Typed) DAVID STEWART

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date

ACCEPTED FOR RECORD**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Accepted

Approved By Mustafa Haguel

Title

MAR 5 2018
Engineer

Date 3/05/2018

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

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 ****

Additional data for EC transaction #368283 that would not fit on the form

32. Additional remarks, continued

b. 7-5/8" 29.7# HCL-80 BTC new csg @ 7000-9739'M
SF Coll-1.18 SF Burst-1.43 SF Body Ten-3.19 SF Joint Ten-4.32
A DV tool will be run at +/- 3070' in case a contingency second stage is required for cement to reach surface. If cement circulates on 1st stage, cancellation cone will be dropped.

Production Liner
4-1/2" 13.5# P-110 DQX new csg @ 9639-16187'M 6-3/4" hole
SF Coll-1.99 SF Burst-1.21 SF Body Ten-2.01 SF Joint Ten-2.05

Surface - Circulate cement w/ 286sx Cl C cmt w/ accelerator, 14.8ppg 1.68 yield, 500# CS in 8.1hr, 50% Excess

Production - Circulate cement w/ 1052sx Poz/C cmt w/ retarder, 10.2ppg 3.05 yield, 500# CS in 15.07hr, 75% Excess followed by 163sx Cl H cmt w/ retarder, dispersant, salt, 13.2ppg 1.65 yield, 500# CS in 12.57hr, 20% Excess.

Contingency 2nd Stage - Circulate cement to surface w/ 481sx Cl C cmt w/ accelerator, retarder, 12.9ppg 1.85 yield, 500# CS in 12.44hr, 75% Excess followed by 182sx Cl C cmt, 14.8ppg 1.33 yield, 500# CS in 6.31hr, 125% Excess.

Liner - Cement w/ 639sx Cl H cmt w/ retarder, fluid loss additive, 13.2ppg 1.63 yield, 500# CS in 15.15hr, 15% Excess. TOC @ 9639'

Oxy Cedar Canyon 22-15 Federal Com 34H REV4 08Feb17 Proposal

Geodetic Report

(Def Plan)



Report Date: February 08, 2017 - 10:50 AM
Client: OXY
Field: NM Eddy County (NAD 83)
Structure / Slot: Oxy Cedar Canyon 22-15 Federal Com 34H / Oxy Cedar Canyon 22-15 Federal Com 34H
Well: Oxy Cedar Canyon 22-15 Federal Com 34H
Borehole: Original Borehole
UWI / API#: Unknown / Unknown
Survey Name: Oxy Cedar Canyon 22-15 Federal Com 34H REV4 08Feb17
Survey Date: February 08, 2017
Tort / AHD / DDI / ERD Ratio: 105.094 ° / 7015.928 ft / 6.075 / 0.699
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 12' 25.91816", W 103° 58' 1.40079"
Location Grid N/E Y/X: N 439306.320 ftUS, E 654623.430 ftUS
CRS Grid Convergence Angle: 0.1952 °
Grid Scale Factor: 0.99992379
Version / Patch: 2.10.220.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 5.668 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB=28.5'
TVD Reference Elevation: 2962.100 ft above MSL
Seabed / Ground Elevation: 2935.600 ft above MSL
Magnetic Declination: 7.161 °
Total Gravity Field Strength: 908.4697mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 48161.318 nT
Magnetic Dip Angle: 60.052 °
Declination Date: February 08, 2017
Magnetic Declination Model: HDGM 2016
North Reference: Grid North
Grid Convergence Used: 0.1952 °
Total Corr Mag North->Grid North: 6.9660 °
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 ° ' ")
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	100.00	0.00	104.43	100.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	200.00	0.00	104.43	200.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	300.00	0.00	104.43	300.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	400.00	0.00	104.43	400.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	500.00	0.00	104.43	500.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	600.00	0.00	104.43	600.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	700.00	0.00	104.43	700.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	800.00	0.00	104.43	800.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	900.00	0.00	104.43	900.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	1000.00	0.00	104.43	1000.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	1100.00	0.00	104.43	1100.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	1200.00	0.00	104.43	1200.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	1300.00	0.00	104.43	1300.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	1400.00	0.00	104.43	1400.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	1500.00	0.00	104.43	1500.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	1600.00	0.00	104.43	1600.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	1700.00	0.00	104.43	1700.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	1800.00	0.00	104.43	1800.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	1900.00	0.00	104.43	1900.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	2000.00	0.00	104.43	2000.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	2100.00	0.00	104.43	2100.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	2200.00	0.00	104.43	2200.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	2300.00	0.00	104.43	2300.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	2400.00	0.00	104.43	2400.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	2500.00	0.00	104.43	2500.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	2600.00	0.00	104.43	2600.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	2700.00	0.00	104.43	2700.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	2800.00	0.00	104.43	2800.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	2900.00	0.00	104.43	2900.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	3000.00	0.00	104.43	3000.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	3100.00	0.00	104.43	3100.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	3200.00	0.00	104.43	3200.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	3300.00	0.00	104.43	3300.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	3400.00	0.00	104.43	3400.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	3500.00	0.00	104.43	3500.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	3600.00	0.00	104.43	3600.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	3700.00	0.00	104.43	3700.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	3800.00	0.00	104.43	3800.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	3900.00	0.00	104.43	3900.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	4000.00	0.00	104.43	4000.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	4100.00	0.00	104.43	4100.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	4200.00	0.00	104.43	4200.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	4300.00	0.00	104.43	4300.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	4400.00	0.00	104.43	4400.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	4500.00	0.00	104.43	4500.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	4600.00	0.00	104.43	4600.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	4700.00	0.00	104.43	4700.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	4800.00	0.00	104.43	4800.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	4900.00	0.00	104.43	4900.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	5000.00	0.00	104.43	5000.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	5100.00	0.00	104.43	5100.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
	5144.00	0.00	104.43	5144.00	0.00	0.00	0.00	0.00	439306.32	654623.43	N 32 12 25.92	W 103 58 1.40
Build 2"/100'	5200.00	1.12	104.43	5200.00	-0.08	-0.14	0.53	2.00	439306.18	654623.96	N 32 12 25.92	W 103 58 1.39
	5300.00	3.12	104.43	5299.92	-0.65	-1.06	4.11	2.00	439305.26	654627.54	N 32 12 25.91	W 103 58 1.35
	5400.00	5.12	104.43	5399.66	-1.74	-2.85	11.07	2.00	439303.47	654634.50	N 32 12 25.89	W 103 58 1.27
	5500.00	7.12	104.43	5499.08	-3.37	-5.51	21.39	2.00	439300.88	654644.82	N 32 12 25.88	W 103 58 1.15
	5600.00	9.12	104.43	5598.08	-5.52	-9.02	35.07	2.00	439297.30	654658.50	N 32 12 25.83	W 103 58 0.99
Hold 10" Inc	5644.00	10.00	104.43	5641.47	-6.63	-10.85	42.15	2.00	439295.48	654668.58	N 32 12 25.81	W 103 58 0.91
	5700.00	10.00	104.43	5686.61	-8.11	-13.27	51.57	0.00	439293.05	654674.99	N 32 12 25.79	W 103 58 0.80
	5800.00	10.00	104.43	5795.10	-10.76	-17.60	68.38	0.00	439288.73	654681.81	N 32 12 25.74	W 103 58 0.61
	5900.00	10.00	104.43	5893.58	-13.40	-21.92	85.20	0.00	439284.40	654708.62	N 32 12 25.70	W 103 58 0.41
	6000.00	10.00	104.43	5992.06	-16.05	-26.25	102.02	0.00	439280.07	654725.44	N 32 12 25.65	W 103 58 0.21
	6100.00	10.00	104.43	6090.54	-18.69	-30.58	118.84	0.00	439275.74	654742.26	N 32 12 25.61	W 103 58 0.02
	6200.00	10.00	104.43	6189.02	-21.34	-34.91	135.65	0.00	439271.42	654759.07	N 32 12 25.57	W 103 57 59.82
	6300.00	10.00	104.43	6287.50	-23.98	-39.23	152.47	0.00	439267.09	654775.89	N 32 12 25.52	W 103 57 58.63
	6400.00	10.00	104.43	6385.98	-26.63	-43.56	169.29	0.00	439262.76	654792.70	N 32 12 25.48	W 103 57 58.43
	6500.00	10.00	104.43	6484.46	-29.27	-47.89	186.10	0.00	439258.44	654809.52	N 32 12 25.44	W 103 57 58.24
	6600.00	10.00	104.43	6582.94	-31.92	-52.21	202.92	0.00	439254.11	654826.33	N 32 12 25.39	W 103 57 58.04
	6700.00	10.00	104.43	6681.42	-34.56	-56.54	219.74	0.00	439249.78	654843.15	N 32 12 25.35	W 103 57 58.85
	6800.00	10.00	104.43	6779.90	-37.21	-60.87	236.55	0.00	439245.46	654859.97	N 32 12 25.31	W 103 57 58.65
	6900.00	10.00	104.43	6878.38	-39.85	-65.20	253.37	0.00	439241.13	654876.78	N 32 12 25.26	W 103 57 58.45
	7000.00	10.00	104.43	6976.86	-42.50	-69.52	270.19	0.00	439236.80	654893.60	N 32 12 25.22	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 ° ' ")
	7600.00	10.00	104.43	7567.75	-58.37	-95.49	371.09	0.00	439210.84	854994.49	N 32 12 24.96	W 103 57 57.09
	7700.00	10.00	104.43	7666.23	-61.02	-99.81	387.91	0.00	439206.51	855011.31	N 32 12 24.92	W 103 57 56.89
	7800.00	10.00	104.43	7764.71	-63.66	-104.14	404.72	0.00	439202.19	855028.12	N 32 12 24.87	W 103 57 56.69
	7900.00	10.00	104.43	7863.19	-66.31	-108.47	421.54	0.00	439197.86	855044.94	N 32 12 24.83	W 103 57 56.50
	8000.00	10.00	104.43	7961.67	-68.95	-112.80	438.36	0.00	439193.53	855061.75	N 32 12 24.79	W 103 57 56.30
	8100.00	10.00	104.43	8060.15	-71.60	-117.12	455.18	0.00	439189.21	855078.57	N 32 12 24.74	W 103 57 56.11
	8200.00	10.00	104.43	8158.63	-74.24	-121.45	471.99	0.00	439184.88	855095.39	N 32 12 24.70	W 103 57 55.91
	8300.00	10.00	104.43	8257.11	-76.89	-125.78	488.81	0.00	439180.55	855112.20	N 32 12 24.66	W 103 57 55.72
	8400.00	10.00	104.43	8355.60	-79.53	-130.10	505.63	0.00	439176.23	855129.02	N 32 12 24.61	W 103 57 55.52
	8500.00	10.00	104.43	8454.08	-82.18	-134.43	522.44	0.00	439171.90	855145.83	N 32 12 24.57	W 103 57 55.33
	8600.00	10.00	104.43	8552.56	-84.82	-138.76	539.26	0.00	439167.57	855162.65	N 32 12 24.53	W 103 57 55.13
	8700.00	10.00	104.43	8651.04	-87.47	-143.09	556.08	0.00	439163.24	855179.48	N 32 12 24.48	W 103 57 54.93
Turn at 2°/100'	8738.00	10.00	104.43	8688.46	-88.47	-144.73	562.47	0.00	439161.60	855185.85	N 32 12 24.47	W 103 57 54.86
	8800.00	9.16	98.96	8749.60	-89.58	-146.84	572.55	2.00	439159.49	855196.94	N 32 12 24.45	W 103 57 54.74
	8900.00	8.01	87.93	8848.48	-89.09	-147.83	587.38	2.00	439158.50	855210.76	N 32 12 24.44	W 103 57 54.57
	9000.00	7.25	73.96	8947.60	-85.82	-145.83	600.41	2.00	439160.50	855223.79	N 32 12 24.45	W 103 57 54.42
	9100.00	6.99	57.90	9046.84	-79.76	-140.86	611.63	2.00	439165.47	855235.01	N 32 12 24.50	W 103 57 54.29
	9200.00	7.29	41.93	9146.08	-70.92	-132.91	621.02	2.00	439173.42	855244.40	N 32 12 24.58	W 103 57 54.18
	9300.00	8.08	28.15	9245.19	-59.31	-121.99	628.57	2.00	439184.34	855251.95	N 32 12 24.69	W 103 57 54.09
	9400.00	9.25	17.31	9344.05	-44.95	-108.12	634.28	2.00	439198.20	855257.68	N 32 12 24.83	W 103 57 54.02
Build and Turn	9455.14	10.00	12.50	9398.42	-35.86	-99.22	638.63	2.00	439207.11	855260.01	N 32 12 24.91	W 103 57 54.00
	9500.00	10.75	9.73	9442.54	-27.82	-91.30	638.18	2.00	439215.03	855261.56	N 32 12 24.99	W 103 57 53.98
	9600.00	12.48	4.76	9540.50	-7.72	-71.34	640.66	2.00	439234.99	855264.04	N 32 12 25.19	W 103 57 53.95
	9700.00	14.28	1.01	9637.78	15.39	-48.23	641.77	2.00	439258.09	855265.15	N 32 12 25.42	W 103 57 53.93
ICP, 25 ft Rat hole	9739.05	15.00	359.79	9675.56	25.21	-38.36	641.84	2.00	439267.96	855265.22	N 32 12 25.52	W 103 57 53.93
Build Curve with 9.53° DLS	9764.05	15.00	359.79	9699.71	31.65	-31.89	641.81	0.00	439274.43	855265.19	N 32 12 25.58	W 103 57 53.93
	9800.00	19.53	359.79	9734.03	42.26	-21.23	641.78	12.59	439285.09	855265.15	N 32 12 25.69	W 103 57 53.93
	9900.00	32.12	359.79	9823.86	85.50	22.24	641.62	12.59	439328.58	855265.00	N 32 12 26.12	W 103 57 53.93
	10000.00	44.71	359.79	9902.06	147.18	84.25	641.39	12.59	439390.56	855264.77	N 32 12 26.73	W 103 57 53.93
	10100.00	57.30	359.79	9964.87	224.33	161.80	641.10	12.59	439468.11	855264.48	N 32 12 27.50	W 103 57 53.93
	10200.00	69.89	359.79	10009.26	313.25	251.19	640.78	12.59	439557.49	855264.16	N 32 12 28.38	W 103 57 53.93
Hold to TD	10300.00	82.48	359.79	10033.09	409.65	348.10	640.42	12.59	439654.39	855263.80	N 32 12 29.34	W 103 57 53.93
	10360.28	90.07	359.79	10037.01	469.43	408.20	640.20	12.59	439714.49	855263.58	N 32 12 29.94	W 103 57 53.93
	10400.00	90.07	359.79	10036.97	508.95	447.93	640.05	0.00	439754.21	855263.43	N 32 12 30.33	W 103 57 53.93
	10500.00	90.07	359.79	10036.85	608.42	547.93	639.69	0.00	439854.20	855263.07	N 32 12 31.32	W 103 57 53.93
	10600.00	90.07	359.79	10036.74	707.90	647.92	639.32	0.00	439954.19	855262.70	N 32 12 32.31	W 103 57 53.93
	10700.00	90.07	359.79	10036.62	807.37	747.92	638.95	0.00	440054.19	855262.33	N 32 12 33.30	W 103 57 53.93
	10800.00	90.07	359.79	10036.51	906.85	847.92	638.58	0.00	440154.18	855261.96	N 32 12 34.29	W 103 57 53.93
	10900.00	90.07	359.79	10036.39	1006.32	947.92	638.22	0.00	440254.17	855261.60	N 32 12 35.28	W 103 57 53.94
	11000.00	90.07	359.79	10036.28	1105.79	1047.92	637.85	0.00	440354.16	855261.23	N 32 12 36.27	W 103 57 53.94
	11100.00	90.07	359.79	10036.16	1205.27	1147.92	637.48	0.00	440454.15	855260.86	N 32 12 37.26	W 103 57 53.94
	11200.00	90.07	359.79	10036.05	1304.74	1247.92	637.12	0.00	440554.14	855260.50	N 32 12 38.24	W 103 57 53.94
	11300.00	90.07	359.79	10035.93	1404.22	1347.92	636.75	0.00	440654.13	855260.13	N 32 12 39.23	W 103 57 53.94
	11400.00	90.07	359.79	10035.82	1503.69	1447.92	636.38	0.00	440754.13	855259.76	N 32 12 40.22	W 103 57 53.94
	11500.00	90.07	359.79	10035.70	1603.16	1547.92	636.01	0.00	440854.12	855259.40	N 32 12 41.21	W 103 57 53.94
	11600.00	90.07	359.79	10035.59	1702.64	1647.92	635.65	0.00	440954.11	855259.03	N 32 12 42.20	W 103 57 53.94
	11700.00	90.07	359.79	10035.47	1802.11	1747.92	635.28	0.00	441054.10	855258.66	N 32 12 43.19	W 103 57 53.94
	11800.00	90.07	359.79	10035.35	1901.59	1847.92	634.91	0.00	441154.09	855258.29	N 32 12 44.18	W 103 57 53.94
	11900.00	90.07	359.79	10035.24	2001.06	1947.91	634.55	0.00	441254.08	855257.93	N 32 12 45.17	W 103 57 53.94
	12000.00	90.07	359.79	10035.12	2100.54	2047.91	634.19	0.00	441354.07	855257.56	N 32 12 46.16	W 103 57 53.94
	12100.00	90.07	359.79	10035.00	2200.01	2147.91	633.81	0.00	441454.07	855257.19	N 32 12 47.15	W 103 57 53.94
	12200.00	90.07	359.79	10034.88	2299.48	2247.91	633.45	0.00	441554.06	855256.83	N 32 12 48.14	W 103 57 53.94
	12300.00	90.07	359.79	10034.77	2398.96	2347.91	633.08	0.00	441654.05	855256.46	N 32 12 49.13	W 103 57 53.94
	12400.00	90.07	359.79	10034.65	2498.43	2447.91	632.71	0.00	441754.04	855256.09	N 32 12 50.12	W 103 57 53.94
	12500.00	90.07	359.79	10034.53	2597.91	2547.91	632.34	0.00	441854.03	855255.72	N 32 12 51.11	W 103 57 53.94
	12600.00	90.07	359.79	10034.41	2697.38	2647.91	631.98	0.00	441954.02	855255.35	N 32 12 52.10	W 103 57 53.94
	12700.00	90.07	359.79	10034.29	2796.85	2747.91	631.61	0.00	442054.01	855254.99	N 32 12 53.09	W 103 57 53.94
	12800.00	90.07	359.79	10034.17	2896.33	2847.91	631.24	0.00	442154.01	855254.62	N 32 12 54.08	W 103 57 53.94
	12900.00	90.07	359.79	10034.05	2995.80	2947.91	630.88	0.00	442254.00	855254.26	N 32 12 55.07	W 103 57 53.94
	13000.00	90.07	359.79	10033.93	3095.28	3047.91	630.51	0.00	442353.99	855253.89	N 32 12 56.06	W 103 57 53.94
	13100.00	90.07	359.79	10033.81	3194.75	3147.91	630.14	0.00	442453.98	855253.52	N 32 12 57.05	W 103 57 53.94
	13200.00	90.07	359.79	10033.69	3294.22	3247.90	629.77	0.00	442553.97	855253.15	N 32 12 58.04	W 103 57 53.94
	13300.00	90.07	359.79	10033.57	3393.70	3347.90	629.41	0.00	442653.96	855252.78	N 32 12 59.02	W 103 57 53.94
	13400.00	90.07	359.79	10033.45	3493.17	3447.90	629.04	0.00	442753.95	855252.41	N 32 13 00.01	W 103 57 53.94
	13500.00	90.07	359.79	10033.33	3592.65	3547.90	628.67	0.00	442853.95	855252.05	N 32 13 01.00	W 103 57 53.94
	13600.00	90.07	359.79	10033.21	3692.12	3647.90	628.31	0.00	442953.94	855251.69	N 32 13 02.00	W 103 57 53.94
	13700.00	90.07	359.79	10033.09	3791.59	3747.90	627.94	0.00	443053.93	855251.32	N 32 13 03.00	W 103 57 53.94
	13800.00	90.07	359.79	10032.97	3891.07	3847.90	627.57	0.00	443153.92	855250.95	N 32 13 04.00	W 103 57 53.94
	13900.00	90.07	359.79	10032.85	3990.54	3947.90	627.20	0.00	443253.91	855250.59	N 32 13 05.00	W 103 57 53.94
	14000.00	90.07	359.79	10032.73	4090.02	4047.90	626.84	0.00	443353.90	855250.22	N 32 13 06.00	W 103 57 53.94
	14100.00	90.07	359.79	10032.60	4189.49	4147.90	626.47	0.00	443453.89	855249.85	N 32 13 07.00	W 103 57 53.94
	14200.00	90.07	359.79	10032.48	4288.97	4247.90	626.10	0.00	443553.88	855249.48	N 32 13 08.00	W 103 57 53.94
	14300.00	90.07	359.79	10032.36	4388.44	4347.90	625.74	0.00	443653.88	855249.12	N 32 13 09.00	W 103 57 53.94
	14400.00	90.07	359.79	10032.24	4487.91	4447.90	625.37	0.00	443753.87	855248.75	N 32 13 10.00	W 103 57 53.94
	14500.00	90.07	359.79	10032.11	4587.39	4547.90	625.00	0.00	443853.86	855248.38	N 32 13 11.00	W 103 57 53.94
	14600.00	90.07	359.79	10031.99	4							

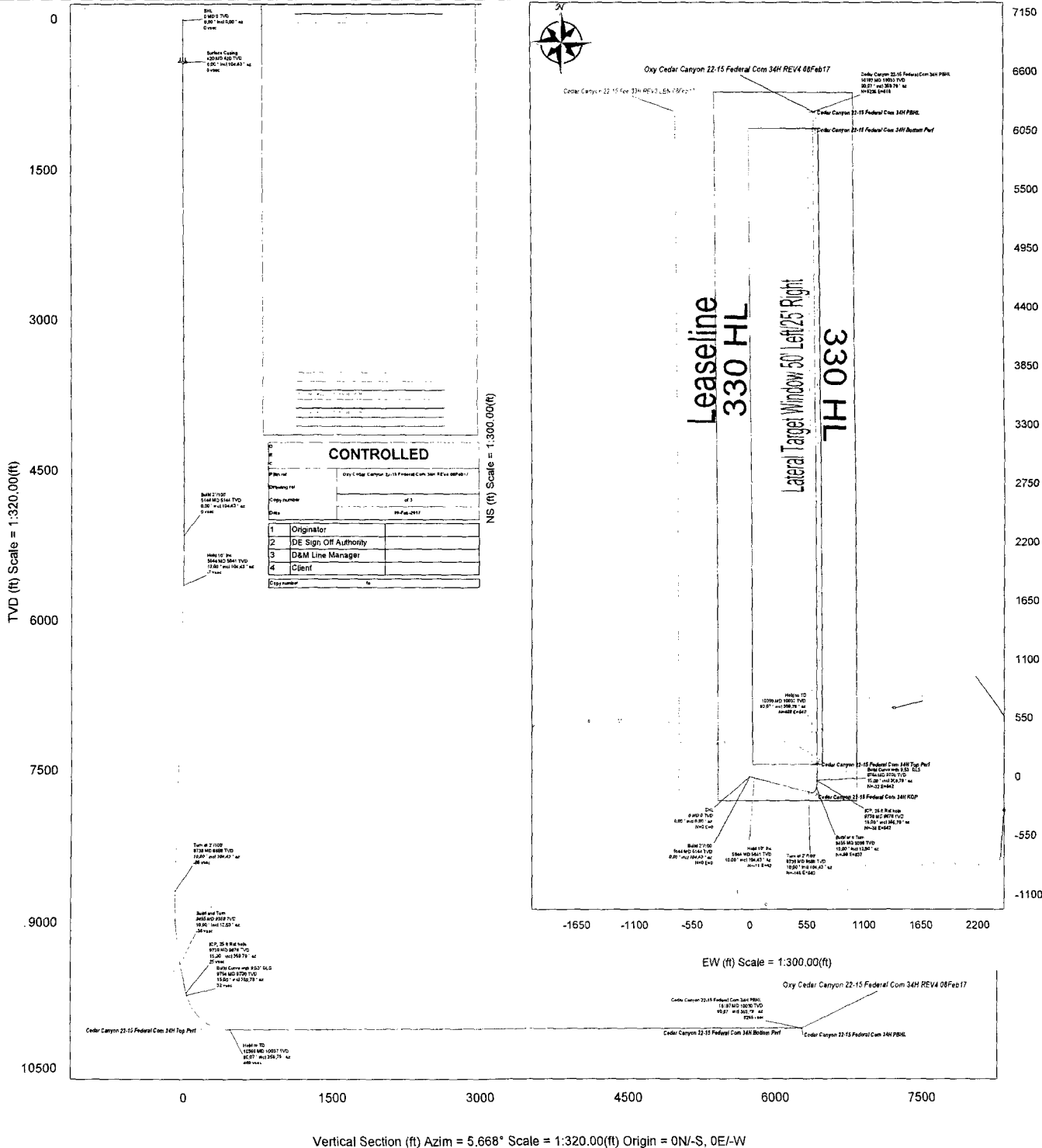
Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS ("/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
		1	0.000	26.500	1/100.000	30.000	30.000		NAL_MWD_PLUS_0.5_DEG- Depth Only		Original Borehole / Oxy Cedar Canyon 22-15 Federal Com 34H REV4 08Feb17	
		1	26.500	16187.055	1/100.000	30.000	30.000		NAL_MWD_PLUS_0.5_DEG		Original Borehole / Oxy Cedar Canyon 22-15 Federal Com 34H	

Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Cedar Canyon 22-15 Federal Com 34H	NM Eddy County (NAD 83)	Oxy Cedar Canyon 22-15 Federal Com 34H
Gravity & Magnetic Parameters	Surface Location	Miscellaneous	
Model: HDGM 2016 Dip: 60.052° Date: 08-Feb-2017	MADE3 New Mexico State Park, Eastern Zone, US Feet	Oxy Cedar Canyon	
MagDec: 7.161° FS: 48161.315N Gravity FS: 999.47mg (9.80665 Based)	Lat: N 32 12 25.82 Northing: 439306.321US Grid Conv: 0.1652°	Str: 22-15 Federal	TVD Ref: RKB=26.5'(2662.1ft above MSL)
	Lon: W 103 58 1.40 Easting: 654623.431US Scale Fact: 0.9992379	Plan: 507.336m	Plan: Oxy Cedar Canyon 22-15 Federal Com 34H REV4 08Feb17

Critical Points														
Comments	Survey Mtd	Interval (ft)	Altitude (ft)	Depth (ft)	VS (ft)	US (ft)	EW (ft)	Latitude (deg)	Longitude (deg)	Easting (ft)	Northing (ft)	Alt. S. (ft)	Point Type	Local Elev. (ft)
SHL	0.00	0.00	0.00	0.00	-2962.10	0.00	0.00	N 32 12 25 918 W 103 58	1.401	654623.43	439306.32	0.00	104.43	
Rustler	196.00	0.00	104.43	196.00	-2766.10	0.00	0.00	N 32 12 25 918 W 103 58	1.401	654623.43	439306.32	0.00	104.43	
Surface Casing	420.00	0.00	104.43	420.00	-2542.10	0.00	0.00	N 32 12 25 918 W 103 58	1.401	654623.43	439306.32	0.00	104.43	
Silado	723.00	0.00	104.43	723.00	-2239.10	0.00	0.00	N 32 12 25 918 W 103 58	1.401	654623.43	439306.32	0.00	104.43	
Lamar/Delaware	3004.00	0.00	104.43	3004.00	-41.90	0.00	0.00	N 32 12 26 918 W 103 58	1.401	654623.43	439306.32	0.00	104.43	
Bel Canyon	3057.00	0.00	104.43	3057.00	94.90	0.00	0.00	N 32 12 26 918 W 103 58	1.401	654623.43	439306.32	0.00	104.43	
Cherry Canyon	3766.00	0.00	104.43	3766.00	803.90	0.00	0.00	N 32 12 25 918 W 103 58	1.401	654623.43	439306.32	0.00	104.43	
Blind 2" 100	5144.00	0.00	104.43	5144.00	2181.90	0.00	0.00	N 32 12 26 918 W 103 58	1.401	654623.43	439306.32	0.00	104.43	
Blushy Canyon	5173.00	0.00	104.43	5173.00	2210.90	-0.02	0.04	N 32 12 26 918 W 103 58	1.401	654623.43	439306.32	0.00	104.43	
Hold 10" inc	5644.00	10.00	104.43	5644.00	2676.37	-6.63	-10.85	42 15 N 32 12 28 809 W 103 58	0.911	654605.58	439296.48	2.00	0.00	
Bona Spring	6736.13	10.00	104.43	6771.00	3754.90	25.76	-58.10	225 81 N 32 12 28 918 W 103 58	0.511	654605.58	439296.48	2.00	0.00	
1st BS Sand	7811.46	10.00	104.43	7776.00	4813.90	63.96	-104.64	406 58 N 32 12 24 869 W 103 57	56.672	655030.05	439201.65	0.00	0.00	
2nd BS Sand	8044.00	10.00	104.43	8000.00	5042.90	70.11	-114.70	441 76 N 32 12 24 768 W 103 57	56.217	655059.15	439191.63	0.00	0.00	
3rd BS Sand	8161.15	10.00	104.43	8171.00	5079.60	64.38	-138.03	636 43 N 32 12 24 634 W 103 57	55.163	655159.82	439169.30	0.00	0.00	
Turn at 2" 100	8739.00	10.00	104.43	8789.00	5726.36	88.47	-144.73	562 47 N 32 12 24 467 W 103 57	54.860	655186.85	439161.60	0.00	116.58	
4th BS Sand	9203.00	7.82	85.27	8865.00	5906.90	-88.02	-147.06	592 23 N 32 12 24 437 W 103 57	54.037	655213.01	439150.07	2.00	-61.97	
Harney	9465.14	10.00	12.50	9398.42	6431.32	35.86	-99.22	636 63 N 32 12 24 915 W 103 57	53.995	655260.01	439207.11	2.00	-35.14	
ICP 25 ft Rail hole	9739.00	15.00	359.79	9875.58	6713.46	25.21	-38.36	641 84 N 32 12 25 617 W 103 57	53.932	655260.22	439207.96	2.00	0.00	
Build Curve with 9.5" DLS	9764.00	15.00	359.79	9895.71	6737.61	31.65	-31.89	641 81 N 32 12 25 581 W 103 57	53.932	655264.16	439207.43	0.00	0.00	
3rd BS Sand	9779.96	17.00	359.79	9715.00	6722.90	36.01	-27.51	641 00 N 32 12 25 624 W 103 57	53.932	655262.18	439207.01	12.55	0.00	
Hold in TD	10360.28	50.67	359.79	10037.01	7074.91	450.42	-468.20	640 20 N 32 12 29 036 W 103 57	53.034	655263.58	439274.48	12.55	0.00	
Cedar Canyon 22-15 Federal Com 34H PBHL	10187.06	90.07	359.79	10030.00	7067.90	6265.57	6234.94	618 87 N 32 12 27 593 W 103 57	53.950	655242.19	440540.77	0.00	0.00	

Grid
True
Mag

Grid North
Tot Cor (M->G 6.966")
Mag Dec (7.161")
Grid Conv (0.195")



OXY USA Inc. - Cedar Canyon 22-15 Fed Com 34H
SUNDRY

Oxy respectfully requests a dispensation from the approved permit as follows:

- **Change casing program**
 - a. Deepen surface casing to 546'
 - b. Update production casing/liners set points due to change in directional plans

Hole Size (in)	Casing Interval		Csg. Size (in)	Weight (lbs)	Grade	Conn.	Buoyant			
	From (ft)	To (ft)					SF Collapse	SF Burst	SF Tension	Joint SF Tension
14.75	0	546	10.75	40.5	J55	BTC	7.59	1.54	2.89	3.23
9.875	0	7000	7.625	29.7	L80	BTC	1.14	1.28	1.71	1.86
9.875	7000	9739	7.625	29.7	HCL80	BTC	1.18	1.43	3.19	4.32
6.75	9639	16187	4.5	13.5	P-110	DQX	1.99	1.21	2.01	2.05

- **Change cementing program**
 - a. Update surface and production slurries
 - b. Due to changing casing set points, the planned cement volumes were adjusted

Casing	# Sks	Wt. lb/ gal	Yld ft3/ sack	H2O gal/sk	500# Comp. Strength (hours)	Slurry Description
Surface	286	14.2	1.678	7.59	8:10	Class C Cement, Accelerator
Production	1052	10.2	3.05	15.63	15:07	Pozzolan Cement, Retarder
Casing	163	13.2	1.65	8.45	12:57	Class H Cement, Retarder, Dispersant, Salt
DV/ECP Tool @ 3070' (We request the option to cancel the second stage if cement is circulated to surface during the first stage of cement operations)						
2nd Stage	481	12.9	1.85	9.86	12:44	Class C Cement, Accelerator, Retarder
Production	182	14.8	1.33	6.34	6:31	Class C Cement
Casing						
Production	639	13.2	1.631	8.37	15:15	Class H Cement, Retarder, Fluid Loss Additive
Liner						

Casing String	Lead To (ft)	Lead From (ft)	Tail To (ft)	Tail From (ft)	% Excess Lead	% Excess Tail
Surface	N/A	N/A	0	546		50%
Production Casing	0	8739	8739	9739	75%	20%
2nd Stage Production Casing	0	2570	2570	3070	75%	125%
Production Liner	N/A	N/A	9639	16187		15%

Company Personnel

Name	Title	Office Phone	Mobile Phone
Randy Neel	Drilling Engineer	713-215-7987	713-517-5544
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

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.
NMNM88137

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 27. If Unit or CA/Agreement, Name and/or No.
NMNM1373411. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
CEDAR CANYON 22-15 FEDERAL COM 3412. Name of Operator
OXY USA INCORPORATED
Contact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com9. API Well No.
30-015-44055-00-S13a. Address
5 GREENWAY PLAZA SUITE 110
HOUSTON, TX 77046-05213b. Phone No. (include area code)
Ph: 432-685-593610. Field and Pool or Exploratory Area
PIERCE CROSSING-BONE SPRING, E
UNKNOWN

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

Sec 22 T24S R29E NENE 1107FNL 1022FEL
32.207199 N Lat, 103.967055 W Lon

11. County or Parish, State

EDDY COUNTY, NM

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	Drilling Operations
	☐ 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 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 recompleat 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 14-3/4" hole 3/8/17, drill to 451' 3/8/17. RIH & set 10-3/4" 45.5# J-55 BTC csg @ 441', pump 40BFW spacer then cmt w/ 560sx (168bbl) PPC w/ additives 14.2ppg 1.68 yield, no cement to surface. 3/9/17 Notified BLM Rep. Jim Hughes of no cmt to surf & obtained approval to perform cement top job. RIH w/ 1" & tag cmt @ 51', cmt w/ 65sx (15bbl) PPC, 14.8ppg 1.32 yield, circ 48sx (11bbl) cmt to surface, WOC. Install well head night cap and prepare rig for skid to Cedar Canyon 22-15 Federal 34H.

Accepted for record - NMOC

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

Electronic Submission #370426 verified by the BLM Well Information System
For OXY USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 03/23/2017 (17DLM1051SE)

Name (Printed/Typed) DAVID STEWART

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date 03/20/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>ACCEPTED</u>	ZOTA STEVENS Title PET	Date 05/05/2017
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 ****

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.
NMNM88137

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 27. If Unit or CA/Agreement, Name and/or No.
NMNM137341

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
CEDAR CANYON 22-15 FEDERAL COM 34H2. Name of Operator
OXY USA INCORPORATEDContact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com9. API Well No.
30-015-44055-00-S13a. Address
5 GREENWAY PLAZA SUITE 110
HOUSTON, TX 77046-05213b. Phone No. (include area code)
Ph: 432-685-593610. Field and Pool or Exploratory Area
PIERCE CROSSING-BONE SPRING, E
UNKNOWN

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

Sec 22 T24S R29E NENE 1107FNL 1022FEL
32.207199 N Lat, 103.967055 W Lon

11. County or Parish, State

EDDY COUNTY, NM

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 Drilling Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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.

3/17/17 Skid rig from Cedar Canyon 22-15 Fee 33H to Cedar Canyon 22-15 Federal Com 34H. RU BOP, test @ 250# low 5000# high, test 10-3/4" casing to 1500# for 30 min, good test. RIH & drill new formation to 461', perform FIT test to EMW=20.5ppg, good test. 3/18/17 drill 9-7/8" hole to 9490', 3/22/17. RIH & set 7-5/8" 29.7# L80 csg @ 9481', DVT @ 3076', ACP @ 3090' pump 20BFW spacer then cmt w/ 1190sx (652bbl) PPC w/ additives 10.2ppg 3.07 yield followed by 160sx (47bbl) PPC w/ additives 13.2ppg 1.65 yield, circ 151sx (83bbl) cmt to surface, inflate ACP to 2600#, drop cancellation plug, pressure up to 2400# & close DVT, WOC. Install pack-off, test to 5000# for 15 min, good test. RIH & tag DVT, drill out DVT, RIH & tag cmt @ 9398', test 7-5/8" casing to 4217# for 30 min, good test. Drill new formation to 9500', perform leak-off test (LOT) EMW=14.2ppg, 2255psi, good test.

SC 3-8-18
Accepted for record - NMOC

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #371271 verified by the BLM Well Information System For OXY USA INCORPORATED, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 03/29/2017 (17DLM1151SE)	
Name (Printed/Typed) DAVID STEWART	Title REGULATORY ADVISOR
Signature (Electronic Submission)	Date 03/28/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>ACCEPTED</i>	ZOTA STEVENS Title PET	Date 05/19/2017
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 ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM88137
2. Name of Operator OXY USA INCORPORATED		6. If Indian, Allottee or Tribe Name
Contact: JANA MENDIOLA E-Mail: janalyn_mendiola@oxy.com		7. If Unit or CA/Agreement, Name and/or No. NMNM137341
3a. Address 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521	3b. Phone No. (include area code) Ph: 432-685-5936	8. Well Name and No. CEDAR CANYON 22-15 FEDERAL COM 341
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T24S R29E NENE 1107FNL 1022FEL 32.207199 N Lat, 103.967055 W Lon		9. API Well No. 30-015-44055-00-S1
		10. Field and Pool or Exploratory Area PIERCE CROSSING-BONE SPRING, E UNKNOWN
		11. County or Parish, State EDDY COUNTY, NM

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3/25/17 Drill 6-3/4" hole to 16100'M 9970'V 3/31/17. RIH w/ 4-1/2" 13.5# P110 liner csg @ 16091', TOL @ 9355'. Pump 40BFW spacer then cmt w/ 660sx (192bbl) PPC w/ additives 13.2ppg 1.63 yield, full returns throughout job, observed 20bbl cmt off liner top, TOC @ 9355'. Install wellhead, test to 7000#, good test. Install night cap, ND BOP. RD Rel Rig 4/2/17.

3-8-18
Accepted for record - NMOC

14. I hereby certify that the foregoing is true and correct. Electronic Submission #372112 verified by the BLM Well Information System For OXY USA INCORPORATED, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 04/06/2017 (17DLM1316SE)	
Name (Printed/Typed) DAVID STEWART	Title REGULATORY ADVISOR
Signature (Electronic Submission)	Date 04/05/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>ACCEPTED</u>	(BLM Approver Not Specified)	Date 06/26/2017
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.

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