

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION
ARTESIA DISTRICT
OCD Artesia 2018
APR 18 2018
RECEIVEDFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM946511a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
OXY USA INCORPORATED Contact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com8. Lease Name and Well No.
CEDAR CANYON 27-28 FEDERAL 43H3. Address 5 GREENWAY PLAZA SUITE 110
HOUSTON, TX 77046-05213a. Phone No. (include area code)
Ph: 432-685-59369. API Well No.
30-015-44437-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 29 T24S R29E Mer NMP

At surface SESE 1275FSL 465FEL 32.184571 N Lat, 103.999563 W Lon

Sec 28 T24S R29E Mer NMP

At top prod interval reported below NWSW 2201FSL 414FWL 32.187272 N Lat, 103.996979 W Lon

Sec 27 T24S R29E Mer NMP

At total depth NESE 2247FSL 198FEL 32.187256 N Lat, 103.964449 W Lon

10. Field and Pool, or Exploratory
PURPLE SAGE-WOLFCAMP (GAS)11. Sec., T., R., M., or Block and Survey
or Area Sec 29 T24S R29E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
09/28/201715. Date T.D. Reached
11/25/201716. Date Completed
☐ D & A ☒ Ready to Prod.
01/03/201817. Elevations (DF, KB, RT, GL)*
2937 GL18. Total Depth: MD 20270
TVD 1009719. Plug Back T.D.: MD 20207
TVD 1009620. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
MUDLOG22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	765		965	231	0	
12.250	9.625 L80	53.5	0	9485	2937	3387	1154	0	
8.500	5.500 P110	20.0	0	20257		2312	558	8485	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10286	20110	10286 TO 20110	0.420	1960	ACTIVE - Wolfcamp
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10286 TO 20110	12375468G SLICK WATER + 51618G 7.5% HCL ACID W/ 15046240# SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/05/2018	01/30/2018	24	→	4593.0	8481.0	8635.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
52/128	SI	1410.0	→	4593	8481	8635	1847	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #409265 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED OFFICE

Reclamation Due: 7/3/2018

APR 12 2018
BUREAU OF LAND MANAGEMENT
SILVER SPRING, MD

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
BELL CANYON	2929	3789	OIL, GAS, WATER	RUSTLER	308
CHERRY CANYON	3790	5057	OIL, GAS, WATER	SALADO	735
BRUSHY CANYON	5058	6690	OIL, GAS, WATER	CASTILE	1360
BONE SPRING	6691	7621	OIL, GAS, WATER	DELAWARE	2882
BONE SPRING 1ST	7622	8445	OIL, GAS, WATER	BELL CANYON	2929
BONE SPRING 2ND	8446	9484	OIL, GAS, WATER	CHERRY CANYON	3790
BONE SPRING 3RD	9485	10003	OIL, GAS, WATER	BRUSHY CANYON	5058
WOLFCAMP	10004		OIL, GAS, WATER	BONE SPRING	6691

32. Additional remarks (include plugging procedure):

52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRING 7622'M
2ND BONE SPRING 8446'M
3RD BONE SPRING 9485'M
WOLFCAMP 10004'M

Logs were mailed 3/26/18.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #409265 Verified by the BLM Well Information System.
For OXY USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 03/27/2018 (18DW0110SE)

Name (please print) DAVID STEWART

Title REGULATORY ADVISOR

Signature _____ (Electronic Submission)

Date 03/26/2018

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #409265 that would not fit on the form

32. Additional remarks, continued

Log Header, Directional Survey, As-Drilled Amended C-102 plat & WBD are attached.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

NM OIL CONSERVATION
ARTESTA DISTRICT

APR 18 2018

Form C-102

Revised August 1, 2011

RECEIVED Submit one copy to appropriate District Office

☒ AMENDED REPORT
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-44437		Pool Code 98220	Pool Name PURPLE SAGE WOLFCAMP
Property Code 319584	Property Name CEDAR CANYON "27-28" FEDERAL		Well Number 43H
OGRID No. 16696	Operator Name OXY USA INC.		Elevation 2937.0'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	29	24 SOUTH	29 EAST, N.M.P.M.		1275'	SOUTH	465'	EAST	EDDY

Bottom Hole Location If Different From Surface

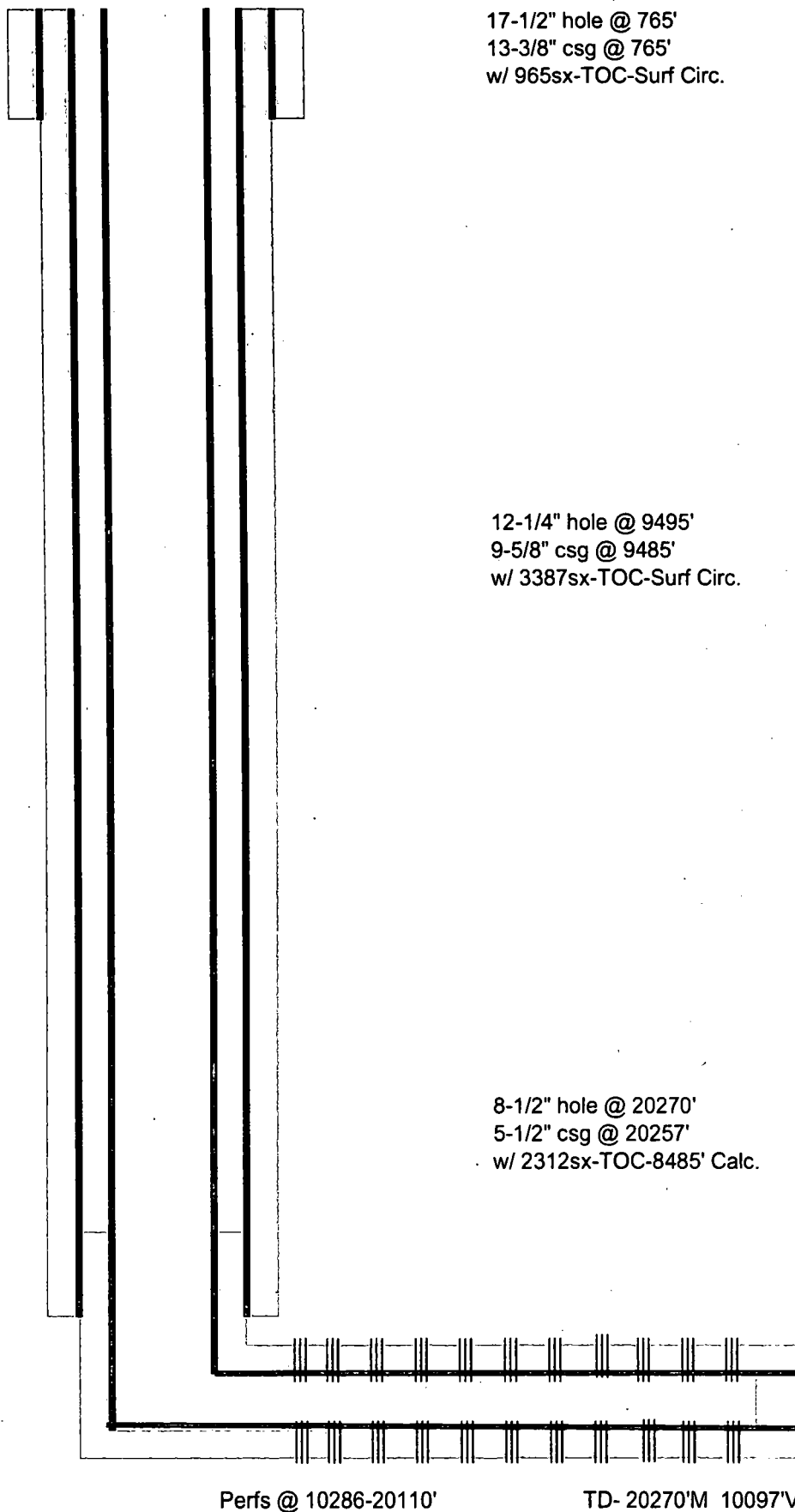
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	27	24 SOUTH	29 EAST, N.M.P.M.		2247'	SOUTH	198'	EAST	EDDY

Dedicated Acres 640	Joint or Infill Y	Consolidation Code	Order No TP: 2201 FSL 414 FWL, BP: 2250 FSL, 358 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.

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the 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 heretofore entered by the division.</p> <p>Signature: <u>Sarah Mitchell</u> Date: <u>12/27/17</u></p> <p>Printed Name: <u>Sarah Mitchell</u></p> <p>E-mail Address: <u>sarah_mitchell@oxy.com</u></p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from the most recent of aerial surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: <u>APRIL 22, 2016</u></p> <p>Signature and Seal of Professional Surveyor: <u>Tony J. Asch</u> Certificate Number: <u>15079</u></p> <p>WOP# 160422WL-a-XY (Rev. B) (NA)</p>

OXY USA Inc.
Cedar Canyon 27-28 Federal 43H
API No. 30-015-44437



COLUMBI ELOGGING

Scale: 5" / 100'
Measured Depth Log

Well Name 30015444370000_CedarCanyon27-28FedCom43H_ML_5INHORIZ_R1

Location 1275' FSL x 465' FEL Section 29, T24-S, R-29E

State New Mexico

County Eddy

Country USA

Rig Number H & P 636

API Number 30015444370000

Field Cedar Canyon

Geographic Region Permian

Drilling Completed 11/25/2017

Spud Date 10/20/2017

Latitude Coordinates N32.1845719°
W103.9995837°

Ground Elevation 2937'

K.B. Elevation 2963.5'

Logged Interval 9496' To 20270'

Total Depth 20270'

Formation Wolfcamp Y Sand

Type of Drilling Fluid OBM
