

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNM OIL COOPERATION
ARTESIA DISTRICT

MAR 08 2018

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM85893

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
CEDAR CANYON 21-22 FEDERAL COM 32H9. API Well No.
30-015-44176-00-S110. Field and Pool, or Exploratory
WOLFCAMP
11. ~~PURPLE SAGE WOLFCAMP (GAS)~~
~~UNKNOWN~~ M., or Block and Survey
or Area Sec 21 T24S R29E Mer NMP12. County or Parish
EDDY13. State
NM17. Elevations (DF, KB, RT, GL)*
2931 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other2. Name of Operator
OXY USA INCORPORATEDContact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com3. Address 5 GREENWAY PLAZA SUITE 110
HOUSTON, TX 77046-05213a. Phone No. (include area code)
Ph: 432-685-59364. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 21 T24S R29E Mer NMP
At surface SWNW 1794FNL 141FWL 32.205326 N Lat, 103.997549 W Lon
Sec 21 T24S R29E Mer NMP
At top prod interval reported below SWNW 1752FNL 394FWL 32.205584 N Lat, 103.996903 W Lon
Sec 22 T24S R29E Mer NMP
At total depth SENE 1685FNL 162FEL 32.205560 N Lat, 103.964335 W Lon14. Date Spudded
08/09/201715. Date T.D. Reached
10/09/201716. Date Completed
☐ D & A ☒ Ready to Prod.
11/27/201718. Total Depth: MD
TVD 19940
997919. Plug Back T.D.: MD
TVD 19883
997920. 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	451		580	139	0	
12.250	9.625 L80	47.0	0	9260	2947	2707	928	0	
8.500	5.500 P110	20.0	0	9878		2619	601	8270	
8.500	5.000 P110	18.0	9878	19936		2619	601	8270	

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) BONE SPRING 3RD	9920	19771	9920 TO 19771	0.420	1960	ACTIVE
B)						
C)						
D)						

26. Perforation Record

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

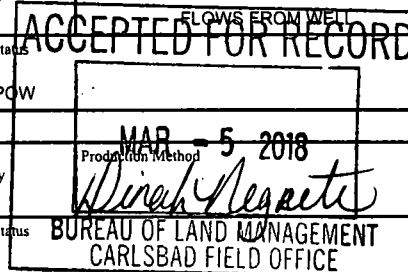
Depth Interval	Amount and Type of Material
9920 TO 19771	14912352G SLICKWATER + 51282G 7.5% HCL ACID W/14744080# SAND

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
11/28/2017	12/07/2017	24	→	4081.0	10520.0	12415.0			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
72/128	SI	825.0	→	4081	10520	12415	2578	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	
	SI		→						



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

ELECTRONIC SUBMISSION #402975 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due 5/28/2018

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	2900	3602	OIL, GAS, WATER	RUSTLER	410
CHERRY CANYON	3603	5089	OIL, GAS, WATER	SALADO	420
BRUSHY CANYON	5090	6599	OIL, GAS, WATER	CASTILE	1310
BONE SPRING	6600	7509	OIL, GAS, WATER	DELAWARE	2840
BONE SPRING 1ST	7510	8349	OIL, GAS, WATER	BELL CANYON	2900
BONE SPRING 2ND	8350	9519	OIL, GAS, WATER	CHERRY CANYON	3603
BONE SPRING 3RD	9520	9979	OIL, GAS, WATER	BRUSHY CANYON	5090
				BONE SPRING	6600

32. Additional remarks (include plugging procedure):

52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRING 7510'M
2ND BONE SPRING 8350'M
3RD BONE SPRING 9520'M

Logs were mailed 2/2/18.

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 #402975 Verified by the BLM Well Information System.
For OXY USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 02/14/2018 (18DMH0039SE)

Name (please print) DAVID STEWART

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date 02/01/2018

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 ****

Additional data for transaction #402975 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., BOBBS, NM 88240
Phone: (575) 393-0181 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 RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3480 Fax: (505) 478-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

RECEIVED

AMENDED REPORT
(As-Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-44176	Pool Code 96473	Pool Name Pierce Crossing Bone Spring, East
Property Code 317654	Property Name CEDAR CANYON 21-22 FEDERAL COM	Well Number 32H
GRID No. 16696	Operator Name OXY USA INC.	Elevation 2931.4'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	21	24-S	29-E		1794	NORTH	141	WEST	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
H	22	24-S	29-E		1794 1685	NORTH	141 162	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320	Y		BP- 1686 FNL 331 FEL TP- 1752 FNL 394 FNL

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

<u>SURFACE LOCATION</u> Y=438594.1 N X=645194.2 E LAT.=32.205326° N LONG.=103.997549° W	<u>KICK OFF POINT</u> Y=438687.1 N X=645103.7 E LAT.=32.205583° N LONG.=103.997841° W	<u>TOP PERF.</u> Y=438688.6 N X=645393.7 E LAT.=32.205584° N LONG.=103.996903° W	<u>BOTTOM PERF.</u> Y=438712.9 N X=655307.1 E LAT.=32.205562° N LONG.=103.964852° W
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Diagram labels: K.P.-1700' FNL & 50' FWL, T.P.-1752' FNL & 394' FWL, GRID AZ. - 89°51'27" HORZ. DIST. - 10365.3, PRODUCING AREA, PROJECT AREA, GRID AZ. - 315°45'58" HORZ. DIST. - 129.8, B.P.-1686 FNL & 331 FEL, SECTION 21, SECTION 22.

POINT LEGEND			
1	Y=439060.4 N X=845055.4 E	4	Y=437758.6 N X=855649.6 E
2	Y=439088.4 N X=850350.6 E	5	Y=437761.6 N X=850353.2 E
3	Y=439085.7 N X=855646.1 E	6	Y=437733.9 N X=845049.4 E

PROPOSED BOTTOM HOLE LOCATION
Y=438712.8 N
X=655467.1 E
LAT.=32.205560° N
LONG.=103.964335° W

* ALL COORDINATES ARE NAD 83 NME VALUES

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

2/1/18
Signature _____ Date _____
Jana Mendiola
Printed Name _____
janimendiola@oxy.com
E-mail Address _____

SURVEYOR CERTIFICATION

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

JULY 27, 2016

Date of Survey

Signature & Seal of Professional Surveyor

CHAD L. HARCROW
NEW MEXICO
LICENSED PROFESSIONAL SURVEYOR
17777
10/13/16
Certificate No. CHAD HARCROW 17777
W.O. #16-804 DRAWN BY: AM