

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No
NMNM81586

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
CEDAR CANYON 23-24 FEDERAL 32H

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr
Other

2. Name of Operator
OXY USA INC.

Contact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com

3. Address P.O. BOX 50250
MIDLAND, TX 79710

3a. Phone No. (include area code)
Ph: 432-685-5936

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 22 T24S R29E Mer NMP
At surface NENE 520FNL 172FEL 32.208802 N Lat, 103.964305 W Lon
Sec 23 T24S R29E Mer NMP
At top prod interval reported below SWNW 1712FNL 365FWL 32.205558 N Lat, 103.962653 W Lon
Sec 24 T24S R29E Mer NMP
At total depth SENW 1641FNL 2482FWL 32.205557 N Lat, 103.938684 W Lon

10. Field and Pool, or Exploratory
PIERCE CROSSING BN SPRG,E

11. Sec., T., R., M., or Block and Survey
or Area Sec 22 T24S R29E Mer NMP

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
2944 GL

14. Date Spudded
06/19/2017

15. Date T.D. Reached
07/28/2017

16. Date Completed
☐ D & A ☒ Ready to Prod.
09/18/2017

18. Total Depth: MD 17665
TVD 10169

19. Plug Back T.D.: MD 17597
TVD 10169

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
MUD LOG

22. 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
14.750	10.750 J55	45.5	0	422		385	93	0	
9.875	7.625 L80	29.7	0	9495	3047	1600	611	0	
6.750	4.500 P110	13.5	9280	17650		790	232	9280	

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) 3RD BONE SPRING	10240	17475	10240 TO 17475	0.420	1480	ACTIVE
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
10240 TO 17475	9971136G SLICKWATER + 74970G 15% HCL ACID W/ 11458768# 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
09/20/2017	09/28/2017	24	→	4460.0	12220.0	11035.0			FLOWS FROM WELL
Choke Size	Tbg. Press Flwg	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
68/128	SI	1016.0	→	4460	12220	11035	2740	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 #395432 VERIFIED BY THE BLM WELL INFORMATION SYST

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Pending BLM approvals will
subsequently be reviewed
and scanned

SC 12-6-17

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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
BELL CANYON	3070	3893	OIL, GAS, WATER	RUSTLER	211
CHERRY CANYON	3894	5216	OIL, GAS, WATER	SALADO	877
BRUSHY CANYON	5217	6800	OIL, GAS, WATER	CASTILE	1431
BONE SPRING	6801	7867	OIL, GAS, WATER	DELAWARE	3020
1ST BONE SPRING	7868	8739	OIL, GAS, WATER	BELL CANYON	3070
2ND BONE SPRING	8740	9769	OIL, GAS, WATER	CHERRY CANYON	3894
3RD BONE SPRING	9770	10169	OIL, GAS, WATER	BRUSHY CANYON	5217
				BONE SPRING	6801

31. Formation (Log) Markers

32. Additional remarks (include plugging procedure):
52. FORMATION (LOG) MARKERS CONTD.

1ST BONE SPRING 7868'M
2ND BONE SPRING 8740'M
3RD BONE SPRING 9770'M

Logs were mailed 11/17/17.

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 #395432 Verified by the BLM Well Information System.
For OXY USA INC., sent to the Carlsbad**

Name (please print) DAVID STEWART

Title SR. REGULATORY ADVISOR

Signature (Electronic Submission)

Date 11/17/2017

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #395432 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

District II
811 S. First St., Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA Inc. P.O. BOX 50250 Midland, TX 79710		² OGRID Number 16696
⁴ API Number 30-015-44180		³ Reason for Filing Code/ Effective Date - NW
⁵ Pool Name Pierce Crossing Bone Spring, East	⁶ Pool Code 96473	
⁷ Property Code: 317748	⁸ Property Name: Cedar Canyon 23-24 Federal	⁹ Well Number: 32H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	22	24S	29E		520	North	172	East	Eddy

¹¹ Bottom Hole Location

Top Perf- 1712 FNL 365 FWL Bottom Perf- 1650 FNL 2292 FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	24	24S	29E		1641	North	2482	West	Eddy

¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 9/21/17	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
311333	BRIDGER TRANSPORTATION, LLC	O
151618	ENTERPRISE FIELD SERVICES LLC	G
NM OIL CONSERVATION ARTESIA DISTRICT NOV 27 2017		

IV. Well Completion Data

²¹ Spud Date 6/19/17	²² Ready Date 9/18/17	²³ TD 17665'M 10169'V	²⁴ PBT 17597'M 10169'V	²⁵ Perforations 17475-10240'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14-3/4"	10-3/4"	422'	385		✓
9-7/8"	7-5/8"	9495'	1600		✓
6-3/4"	4-1/2"	9280-17650'	790		✓

V. Well Test Data

³¹ Date New Oil 9/20/17	³² Gas Delivery Date 9/21/17	³³ Test Date 9/28/17	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure ---	³⁶ Csg. Pressure 1016
³⁷ Choke Size 68/128	³⁸ Oil 4460	³⁹ Water 11035	⁴⁰ Gas 12220		⁴¹ Test Method F

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:
Jana Mendiola

Title:
Regulatory Coordinator

E-mail Address:
janalyn_mendiola@oxy.com

Date:
11/17/17

Phone:
432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Raymond W. Podany
Geologist

11-30-2017

Pending BLM approvals will
subsequently be reviewed
and scanned