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Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 10 2018
OCD 2018
ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
DISTRICT OF ARTESIA O.C.D.

5. Lease Serial No.
NMNM89819

1a. 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 INC

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

8. Lease Name and Well No.
PATTON MDP1-18 FEDERAL 1H

3. Address
MIDLAND, TX 79710

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

9. API Well No.
30-015-44317-00-S1

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

At surface SWSW 609FSL 712FWL 32.226265 N Lat, 103.823362 W Lon
Sec 7 T24S R31E Mer NMP

At top prod interval reported below NWNW 347FNL 444FWL 32.223657 N Lat, 103.824244 W Lon
Sec 18 T24S R31E Mer NMP

At total depth SWSW 209FSL 462FWL 32.210562 N Lat, 103.824256 W Lon
Sec 18 T24S R31E Mer NMP

10. Field and Pool, or Exploratory
COTTONWOOD DRAW-BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 7 T24S R31E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
10/18/2017

15. Date T.D. Reached
12/18/2017

16. Date Completed
 D & A Ready to Prod.
02/21/2018

17. Elevations (DF, KB, RT, GL)*
3531 GL

18. Total Depth: MD 14880 TVD 10054

19. Plug Back T.D.: MD 14815 TVD 10055

20. Depth Bridge Plug Set: MD TVD

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

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
17.500	13.375 J55	54.5	0	632		815	191	0	
12.250	9.625 L80	47.0	0	4306		1446	434	0	
8.500	5.500 P110	20.0	0	14865		2759	747	430	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	9744	9744						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING 2ND	10127	14723	10127 TO 14723	0.370	880	ACTIVE
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
10127 TO 14723	7098798G SLICK WATER + 23016G 7.5% HCL ACID W/ 8835695# 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
02/22/2018	02/25/2018	24	→	1396.0	2438.0	2689.0			GAS DIFF
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
52/128	SI	780.0	→	1396	2438	2689	1746	POV	

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			→						

ACCEPTED FOR RECORD
JUN 10 2018
Bureau of Land Management
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #421458 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

Reclamation Due: 8/21/2018

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	4257	5185	OIL, GAS, WATER	RUSTLER	660
CHERRY CANYON	5186	6419	OIL, GAS, WATER	SALADO	952
BRUSHY CANYON	6420	8176	OIL, GAS, WATER	CASTILE	2842
BONE SPRING	8177	9129	OIL, GAS, WATER	DELAWARE	4227
BONE SPRING 1ST	9130	9880	OIL, GAS, WATER	BELL CANYON	4257
BONE SPRING 2ND	9881	10055	OIL, GAS, WATER	CHERRY CANYON	5186
				BRUSHY CANYON	6420
				BONE SPRING	8177

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

1ST BONE SPRING 9130' MD
2ND BONE SPRING 9881' MD

Logs were mailed 5/25/18.

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 #421458 Verified by the BLM Well Information System.

For OXY USA INC, sent to the Carlsbad

Committed to AFMSS for processing by DUNCAN WHITLOCK on 05/25/2018 (18DW0158SE)

Name (please print) DAVID STEWART

Title SR REGULATORY ADVISOR

Signature (Electronic Submission)

Date 05/24/2018

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 ****

Additional data for transaction #421458 that would not fit on the form

32. Additional remarks, continued

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