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DISTRICT II-ARTESIA O.C.D.

Form 3160-4
(August 2007)

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. NMNM40659

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. NMNM138937

2. Name of Operator OXY USA INCORPORATED
Contact: SARAH E CHAPMAN
E-Mail: SARAH_CHAPMAN@OXY.COM

8. Lease Name and Well No. IRIDIUM MDP1 28-21 FEDERAL COM 11H

3. Address 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521

3a. Phone No. (include area code) Ph: 713-350-4997

9. API Well No. 30-015-45073-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWSW 430FSL 648FWL 32.269361 N Lat, 103.789196 W Lon Sec 28 T23S R31E Mer NMP
At top prod interval reported below SWSW 540FSL 452FWL 32.269670 N Lat, 103.789970 W Lon Sec 21 T23S R31E Mer NMP
At total depth NWNW 22FNL 308FWL 32.296723 N Lat, 103.790100 W Lon

10. Field and Pool, or Exploratory INGLE WELLS - BONE SPRING

11. Sec., T., R., M., or Block and Survey or Area Sec 28 T23S R31E Mer NMP

12. County or Parish EDDY

13. State NM

14. Date Spudded 07/21/2019

15. Date T.D. Reached 10/11/2018

16. Date Completed ☐ D & A ☒ Ready to Prod. 12/20/2018

17. Elevations (DF, KB, RT, GL)* 3370 GL

18. Total Depth: MD 19919 TVD 9762

19. Plug Back T.D.: MD 19866 TVD 9762

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUALLATEROLOG&N GAMMARAY

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 J-55	54.5	0	598		700	198	0	
12.250	9.875 L-80	43.5	0	4281		1456	435	0	
8.500	7.625 L-80	26.4	0	8049		606	195	0	
6.750	5.500 P-110	20.0	0	19907		1273	221	6320	

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 / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	BONE SPRING	9903	19557	9903 TO 19557	0.520	1200	ACTIVE
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
9903 TO 19557	5724936G SLICK WATER, 3000G 15% HCL ACID W/ 9818597# 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
12/23/2018	01/02/2019	24	→	3294.0	5775.0	10155.0			FLOWS FROM WELL
Choke Size	**Tbg. Press. Flwg.**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas:Oil Ratio**	**Well Status**	
58/128	SI	713.0	→	3294	5775	10155		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. SI**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas:Oil Ratio**	**Well Status**	
			→						

ACCEPTED FOR RECORD

JUN 2 2019

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #457955 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 6/20/2019

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	4201	5067	OIL, GAS, WATER	RUSTLER	432
CHERRY CANYON	5068	6292	OIL, GAS, WATER	SALADO	738
BRUSHY CANYON	6293	7967	OIL, GAS, WATER	CASTILE	2689
BONE SPRING	7968	8827	OIL, GAS, WATER	DELAWARE	4172
BONE SPRING 1ST	8828	9283	OIL, GAS, WATER	BELL CANYON	4201
BONE SPRING 2ND	9283	10862	OIL, GAS, WATER	CHERRY CANYON	5068
				BRUSHY CANYON	6293
				BONE SPRING	7968

32. Additional remarks (include plugging procedure):
LOG HEADERS, DIRECTIONAL SURVEY, AS-DRILLED C-102 PLAT AND WBD ARE ATTACHED

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 #457955 Verified by the BLM Well Information System.
For OXY USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 05/23/2019 (19DMH0076SE)

Name *(please print)* DAVID STEWART Title REGULATORY ADVISOR

Signature (Electronic Submission) Date 03/14/2019

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 fradulent statements or representations as to any matter within its jurisdiction.

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