

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.
NMNM45236

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 INCORPORATED Contact: APRIL SANTOS
E-Mail: APRIL_HOOD@OXY.COM

3. Address: 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521 3a. Phone No. (include area code) Ph: 713-366-5771

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NENE 276FNL 564FEL 32.267423 N Lat, 103.776031 W Lon
At top prod interval reported below SESE 265FSL 373FEL 32.268457 N Lat, 103.775436 W Lon
At total depth NENE 23FNL 385FEL 32.296726 N Lat, 103.777545 W Lon

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. IRIDIUM MDP1 28-21 FEDERAL COM 176H

9. API Well No. 30-015-45334-00-S1

10. Field and Pool, or Exploratory WC-025 G-08 S233135D-WOLFCAMP

11. Sec., T., R., M., or Block and Survey or Area Sec 33 T23S R31E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 08/29/2019 15. Date T.D. Reached 11/14/2019 16. Date Completed D & A Ready to Prod. 01/22/2020

17. Elevations (DF, KB, RT, GL)* 3403 GL

18. Total Depth: MD 22700 TVD 11758 19. Plug Back T.D.: MD 22626 TVD 11761 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	558		715	173	0	
12.250	9.625 HCL-80	40.0	0	4393		1402	420	0	
8.750	7.625 HCL-50	26.4	0	10997		1467	748	0	
6.750	5.500 P-110	20.0	0	22678		882	215	8703	

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) WOLFCAMP	12408	22587				
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12408 TO 22587	FRAC'D WITH 435720 BBLS SLICKWATER, 25536408 LBS SAND AND 4800 BBLS HCL 7.5% ACID

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
01/23/2020	02/04/2020	24	→	4227.0	10815.0	5188.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
33/128	SI	2279.0	→	4227	10815	5188	2559	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 #512039 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	4293	5209	OIL, GAS, WATER	RUSTLER	490
CHERRY CANYON	5209	6460	OIL, GAS, WATER	SALADO	840
BRUSHY CANYON	6460	8063	OIL, GAS, WATER	CASTILE	2780
BONE SPRINGS	8063	9159	OIL, GAS, WATER	LAMAR	4268
BONE SPRING 1ST	9159	9727	OIL, GAS, WATER	BELL CANYON	4293
BONE SPRING 2ND	9727	11012	OIL, GAS, WATER	CHERRY CANYON	5209
BONE SPRING 3RD	11012	11490	OIL, GAS, WATER	BRUSHY CANYON	6460
WOLFCAMP	11490		OIL, GAS, WATER	BONE SPRINGS	8063

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

1ST BONE SPRINGS - 9159'M
2ND BONE SPRINGS - 9727'M
3RD BONE SPRINGS - 11012'M
WOLFCAMP - 11490'M

LOGS ATTACHED IN EDOCS 4/21/2020.

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 #512039 Verified by the BLM Well Information System.
For OXY USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by TANJA BACA on 12/15/2020 (21TAB0006SE)**

Name (please print) APRIL SANTOS Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 04/22/2020

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 #512039 that would not fit on the form

32. Additional remarks, continued

LOG HEADER, DIRECTIONAL SURVEY, AS-DRILLED AMENDED C-102 PLAT & WBD ARE ATTACHED

Tubing exception sundry filed

Revisions to Operator-Submitted EC Data for Well Completion #512039

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM45236	NMNM45236
Agreement:		
Operator:	OXY USA INC. 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521 Ph: 713-215-7000	OXY USA INCORPORATED 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046-0521 Ph: 713.350.4816
Admin Contact:	APRIL SANTOS REGULATORY SPECIALIST E-Mail: APRIL_HOOD@OXY.COM Ph: 713-366-5771	APRIL SANTOS REGULATORY SPECIALIST E-Mail: APRIL_HOOD@OXY.COM Ph: 713-366-5771
Tech Contact:	APRIL SANTOS REGULATORY SPECIALIST E-Mail: APRIL_HOOD@OXY.COM Ph: 713-366-5771	APRIL SANTOS REGULATORY SPECIALIST E-Mail: APRIL_HOOD@OXY.COM Ph: 713-366-5771
Well Name: Number:	IRIDIUM MDP1 28-21 FEDERAL COM 176H	IRIDIUM MDP1 28-21 FEDERAL COM 176H
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 33 T23S R31E Mer NMP	Sec 33 T23S R31E Mer NMP
Surf Loc:	NENE 276FNL 564FEL 32.267423 N Lat, 103.776031 W Lon	NENE 276FNL 564FEL 32.267423 N Lat, 103.776031 W Lon
Field/Pool:	WILDCAT WOLFCAMP	WC-025 G-08 S233135D-WOLFCAMP
Logs Run:	GAMMA RAY	GAMMARAY
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRINGS 1ST BONE SPRINGS 2ND BONE SPRINGS 3RD BONE SPRINGS WOLFCAMP	BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRINGS BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD WOLFCAMP
Markers:	RUSTLER SALADO CASTILLE LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPINGS	RUSTLER SALADO CASTILE LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRINGS

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 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) 476-3470 Fax:(505) 476-3462

**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

CONDITIONS

Action 15321

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
OXY USA INC P.O. Box 4294 Houston, TX772104294	16696	15321	C-105

OCD Reviewer	Condition
abustamante	None