

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**HOBBS OCD**

AUG 28 2019 Copy

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM55953

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.  
NMNM137096X

2. Name of Operator  
OXY USA INCORPORATED  
 Contact: LESLIE REEVES  
 E-Mail: LESLIE\_REEVES@OXY.COM

8. Lease Name and Well No.  
MESA VERDE BS UNIT 23H

3. Address P O BOX 4294  
HOUSTON, TX 77210-4294  
 3a. Phone No. (include area code)  
 Ph: 713-497-2492

9. API Well No.  
30-025-44560-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 Sec 16 T24S R32E Mer NMP  
 At surface SWSW 250FSL 1255FWL 32.210952 N Lat, 103.684129 W Lon  
 Sec 16 T24S R32E Mer NMP  
 At top prod interval reported below SESW 161FSL 1279FWL 32.210710 N Lat, 103.684050 W Lon  
 Sec 9 T24S R32E Mer NMP  
 At total depth NWNW 21FNL 1209FWL 32.239240 N Lat, 103.684080 W Lon

10. Field and Pool, or Exploratory  
MESA VERDE-BONE SPRING

11. Sec., T., R., M., or Block and Survey  
or Area Sec 16 T24S R32E Mer NMP

12. County or Parish  
LEA  
 13. State  
NM

14. Date Spudded  
06/08/2018  
 15. Date T.D. Reached  
09/10/2018  
 16. Date Completed  
 D & A  Ready to Prod.  
 11/20/2018

17. Elevations (DF, KB, RT, GL)\*  
3568 GL

18. Total Depth: MD 21115 TVD 10812  
 19. Plug Back T.D.: MD 21076 TVD 10811  
 20. Depth Bridge Plug Set: MD TVD

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

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	970		1254	302	0	
12.250	9.625 L80	43.5	0	4741		1705	555	0	
8.500	5.500 P110	20.0	0	21114		2965	901	330	

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	10526	10526						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING 2ND	10648	21001	10648 TO 21001	0.000	1224	ACTIVE
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
10648 TO 21001	393740 BBLs SLICK WATER & 167 BBLs 7.5% HCL ACID W/ 20430838# SAND

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/01/2018	02/11/2019	24	→	2693.0	3778.0	6706.0			

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
60/128	SI	720.0	→	2693	3778	6706	1403		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
			→						

ACCEPTED FOR RECORD  
 AUG 28 2019  
 Bureau of Land Management  
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #455380 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* BLM REVISED \*\*

Reclamation Due: 5/20/2019

KZ

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	4733	5596	OIL, GAS, WATER	RUSTLER	899
CHERRY CANYON	5597	6887	OIL, GAS, WATER	SALADO	1226
BRUSHY CANYON	6888	8564	OIL, GAS, WATER	CASTILE	3267
BONE SPRING	8565	9695	OIL, GAS, WATER	DELAWARE	4704
BONE SPRING 1ST	9696	10231	OIL, GAS, WATER	BELL CANYON	4733
BONE SPRING 2ND	10232	10862	OIL, GAS, WATER	CHERRY CANYON	5597
				BRUSHY CANYON	6888
				BONE SPRING	8565

32. Additional remarks (include plugging procedure):

LOG HEADER, 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 #455380 Verified by the BLM Well Information System.  
For OXY USA INCORPORATED, sent to the Hobbs  
Committed to AFMSS for processing by DEBORAH HAM on 07/16/2019 (19DMH0133SE)

Name (please print) LESLIE REEVES Title REGULATORY ADVISOR

Signature \_\_\_\_\_ (Electronic Submission) Date 02/20/2019

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

District I  
1625 N French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-6720  
District II  
111 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Bravo Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

AMENDED REPORT  
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44500	Pool Code 96229	Pool Name Mesa Verde Bone Springs
Property Code 30828	Property Name MESA VERDE BONE SPRING UNIT	Well Number 23H
OGRID No 16696	Operator Name OXY USA INC.	Elevation 3568.2'

Surface Location

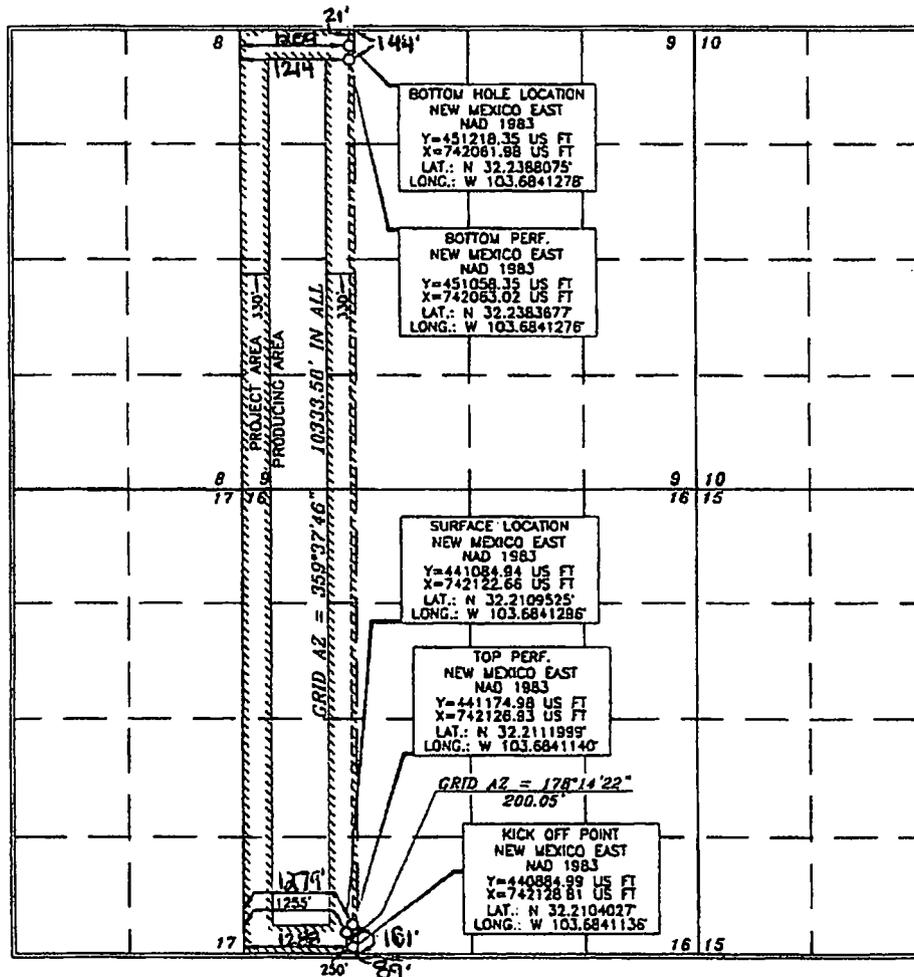
UL or lot no	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
M	16	24 SOUTH	32 EAST, N.M.P.M.		250'	SOUTH	1255'	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
D	9	24 SOUTH	32 EAST, N.M.P.M.		21	NORTH	1209	WEST	LEA

Dedicated Acres: 320  
Joint or Infill: Y  
Consolidation Code:  
Order No: TP/FTP: 161' FSL 1279' FWL  
BP/LTP: 144' FNL 1214' FWL

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.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief, and that the operations either under a working interest or mineral interest in the land including the proposed bottom hole location or that a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order.

Authorized by the division

Signature: Leslie Reeves 11/19/18  
Date

Printed Name: LESLIE REEVES

Printed Name: LESLIE - REEVES@OXY.COM  
E-mail Address

SURVEYOR CERTIFICATION

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

Date of Survey: JUNE 27, 2017

Signature and Seal: [Signature]  
Professional Surveyor

Certificate Number: 15079

Intent  As Drilled

API # 30-025-44560		
Operator Name: OXY USA INC.	Property Name: MESA VERDE BONE SPRING UNIT	Well Number 23H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	16	24S	32E		89	FSL	1288	FWL	LEA
Latitude 32.21051					Longitude -103.68403				NAD NAD83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	16	24S	32E		161	FSL	1279	FWL	LEA
Latitude 32.21071					Longitude -103.68405				NAD NAD83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	9	24S	32E		144	FNL	1214	FWL	LEA
Latitude 32.23890					Longitude -103.68406				NAD NAD83

Is this well the defining well for the Horizontal Spacing Unit?

Is this well an infill well?

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018