

RECEIVED: 11/03/2017	REVIEWER: mhm	TYPE: PLC	APP NO: DMAm173355177
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Geological & Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Applicant:** OXY USA INC**OGRID Number:** 16696**Well Name:** ANTELOPE RIDGE UNIT #3**API:** 30-025-21082**Pool:** ANTELOPE RIDGE MORROW (GAS)**Pool Code:** 70440

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW**

PLC-491

**1) TYPE OF APPLICATION:** Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

☐ NSL☐ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☐ DHC☐ CTB☒ PLC☐ PC☐ OLS☐ OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☐ Offset operators or lease holdersB. ☒ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☒ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐ Notice Complete
☐ Application  
 Content  
 Complete

- 3) CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note:** Statement must be completed by an individual with managerial and/or supervisory capacity.

TAYLOR STILLMAN

Print or Type Name

*Taylor Stillman*

Signature

11/03/2017

Date

713-366-5945

Phone Number

TAYLOR\_STILLMAN@OXY.COM

e-mail Address

## Antelope Ridge Unit CTB Production Data

**Antelope Ridge Unit #2 (30-025-20444)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	0	0	0	0	0
Apr-2017	0	0	0	0	0
May-2017	0	0	0	0	0
Jun-2017	0	0	0	0	0
Jul-2017	0	0	0	0	0
Aug-2017	0	0	0	0	0

**Antelope Ridge Unit #3 (30-025-21082)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	1	0	4720	152	3
Apr-2017	0	0	5042	157	0
May-2017	0	0	5626	163	0
Jun-2017	0	0	4706	188	0
Jul-2017	0	0	4951	152	0
Aug-2017	0	0	4869	160	0

**Antelope Ridge Unit #8 (30-025-26868)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	0	0	0	0	0
Apr-2017	0	0	8	0	0
May-2017	0	0	6	0	0
Jun-2017	0	0	0	0	0
Jul-2017	0	0	8	0	0
Aug-2017	0	0	7	0	0

**Antelope Ridge Unit #9 (30-025-28863)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	0	0	5008	162	0
Apr-2017	0	0	214	7	0
May-2017	0	0	5721	0	0
Jun-2017	0	0	0	0	0
Jul-2017	0	0	1	0	0
Aug-2017	0	0	1	0	0

**Antelope Ridge Unit #7 (30-025-27047)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	0	0	0	0	0
Apr-2017	0	0	7	7	0
May-2017	0	0	25	12.5	0
Jun-2017	0	0	10	10	0
Jul-2017	0	0	19	19	0
Aug-2017	0	0	0	0	0

**Antelope Ridge Unit #11 (30-025-37624)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	57	3	11765	619	3755
Apr-2017	0	0	0	0	0
May-2017	0	0	21	0	0
Jun-2017	71	7	312	31	2522
Jul-2017	0	0	5192	173	20937
Aug-2017	0	0	4978	226	21516

**Antelope Ridge Unit #12 (30-025-37625)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	21	1	16356	528	164
Apr-2017	40	1	16603	553	188
May-2017	43	1	15111	487	183
Jun-2017	6	0	9215	307	153
Jul-2017	5	0	19336	624	772
Aug-2017	70	2	17495	564	457

**Antelope Ridge Unit Interest Owner Notification**

OWNER NAME	ADDRESS	CITY	STATE	ZIP	Tracking
BARKER CUSTODIAN, LAURIE	118 RICHVIEW AVENUE	SOUTH HADLEY	MA	1075	7017 1450 0002 2915 3034
BARTON JR, ROY G	1919 N TURNER ST	HOBBS	NM	88240	7017 1450 0002 2915 3027
BROWN JR, CHANNING M	5612 PEBBLE BEACH	EL PASO	TX	79912	7017 1450 0002 2915 299C
BROWN, ROBERT H	P O BOX 1288	CANUTILLO	TX	79835	7017 1450 0002 2915 3003
ELLIOTT INDUSTRIES	PO BOX 1328	SANTA FE	NM	87504	7017 1450 0002 2915 294E
ELLIOTT-HALL COMPANY	P O BOX 1231	OGDEN	UT	84402	7017 1450 0002 2915 293E
ENDEAVOR ENERGY RESOURCES LP	110 N MARIENFELD SUITE 200	MIDLAND	TX	79701	7017 1450 0002 2915 2921
H HILTON & ALMA WOODS KADERLI	311 SHORTGRASS ROAD	EDMOND	OK	73003	7017 1450 0002 2915 296E
HOCHSTETTER LP	P O BOX 17728	FORT WORTH	TX	76102	7017 1450 0002 2915 2884
LAURITZEN, CHRIS	508 21ST ST SE	AUBURN	WA	98002	7017 1450 0002 2915 2914
LAURITZEN, FREDRICK	P O BOX 1312	SULTAN	WA	98294	7017 1450 0002 2915 2983
LUCILLE H PIPKIN TRUST	P O BOX 1174	ROSWELL	NM	88202	7017 1450 0002 2915 297E
LUNT, DAVID	P O BOX 1537	SANTA FE	NM	87504	7017 1450 0002 2915 2907
LUNT, LESLEY L	120 CR 4631	DUNLAY	TX	78861	7017 1450 0002 2915 2891
MICHAEL HARRISON MOORE 2006 TR	P O BOX 202652	DALLAS	TX	75320	7017 1450 0002 2915 2952
NOBLE ROYALTIES ACCESS FND VIII LP	PO BOX 660082	DALLAS	TX	75266	7017 1450 0002 2915 2877
NOBLE ROYALTIES ACCESS FUND VII	PO BOX 660082	DALLAS	TX	75266	7017 1450 0002 2915 286C
OAKWOOD MINERALS I LP	P O BOX 17728	FORT WORTH	TX	76102	7017 1450 0002 2915 2853
OGM PARTNERS I	P O BOX 17728	FORT WORTH	TX	76102	7017 1450 0002 2915 283E
RICHARD LYONS MOORE 2006 TRUST	16400 N DALLS PARKWAY SUITE 400	DALLAS	TX	75284	7017 1450 0002 2915 281E
ROCHESTER MINERALS LP	P O BOX 17728	FORT WORTH	TX	76102	7017 1450 0002 2915 2822
STATE OF NEW MEXICO	P O BOX 2308	SANTA FE	NM	87504	7014 1820 0000 2720 000E
TECKLA OIL CO LLC	P O BOX 3066	OCALA	FL	34478	7017 1450 0002 2915 305E
THOMAS, JUDITH KADERLI	12608 LAKESHORE CT NORTH	FORT WORTH	TX	76179	7017 1450 0002 2915 306E
WHITE STAR ROYALTY COMPANY	PO BOX 51108	MIDLAND	TX	79710	7017 1450 0002 2915 3072
WIGGINS, ANDREA COLLEEN	P O BOX 5305	AUSTIN	TX	78763	7017 1450 0002 2915 308E
WIGGINS, CHARLES R	P O BOX 10862	MIDLAND	TX	79702	7017 1450 0002 2915 309E
WINDOM ROYALTIES LLC	PO BOX 660082	DALLAS	TX	75266	7017 1450 0002 2915 3041

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: OXY USA INC

OPERATOR ADDRESS: 5 GREENWAY PLAZA SUITE 110 HOUSTON, TX 77046

APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingling)

LEASE TYPE: ☒ Fee ☒ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
SEE ATTACHED					

- (2) Are any wells producing at top allowances? ☐ Yes ☒ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.  
(4) Measurement type: ☒ Metering ☒ Other (Specify): ALLOCATION BY WELL TEST  
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Pool Name and Code.  
(2) Is all production from same source of supply? ☐ Yes ☐ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No  
(4) Measurement type: ☐ Metering ☐ Other (Specify)

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attach sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No  
(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.  
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Taylor Stillman

TITLE: Regulatory Engineer

DATE: 11/3/17

TYPE OR PRINT NAME: Taylor Stillman

TELEPHONE NO.: (713) 366-5945

E-MAIL ADDRESS: Taylor.Stillman@oxy.com

## **APPLICATION FOR POOL AND LEASE COMMINGLE, OFF-LEASE MEASUREMENT, SALES AND STORAGE**

### **Commingling proposal for Antelope Ridge Unit and Antelope Ridge #7**

OXY USA INC requests to commingle production for Antelope Ridge Unit wells and Antelope Ridge #7 into the Antelope Ridge Unit CTB. Antelope Ridge #7 will also be permitted for off-lease measurement, sales and storage.

Oil production will be and sent to oil storage tanks where it will be trucked to sales.

Gas production will be separated and send to one of two gas sales meters.

All water from the wells will be sent to Antelope Ridge Unit #4 salt water disposal well (SWD).

A detailed process description can be found below. The oil and gas meters will be calibrated on a regular basis per API, NMOCD and BLM specifications.

#### **Antelope Ridge Unit Battery:**

The Antelope Ridge Unit #8 will send production through 2-phase separators. The fluid stream will then be combined with fluid streams (oil and water) from the Antelope Ridge Unit #2 and Antelope Ridge Unit #3 wells. The combined streams will then flow to a 4' x 20' heater treater. After separation, oil will be sent to oil storage tanks. Gas from the heater treater will also be sent to the oil storage tanks to use as a gas blanket. Water from the treater will flow to water storage tanks prior to being sent to the Antelope Ridge Unit #4 Saltwater Disposal well.

The Antelope Ridge Unit #2 and #3 wells will share a 2-phase separator due to the marginal production of the #2 well. The vessel will be equipped with an orifice meter to measure gas. In order to obtain gas well tests for these wells, the #2 will be shut in while the #3 is tested.

The Antelope Ridge Unit #9, #11 and #12 are separated and metered on their individual wellpads prior to sending gas to the Antelope Ridge Unit CTB.

Since, the Antelope Ridge Unit #7 will be recompleted to test the Strawn formation, the well will have a dedicated test separator with turbine meters for oil and water (S/N\*) and an orifice meter for gas.

Gas production from the Antelope Ridge Unit #8 gas will be sold through Energy Transfer Company meter #59613 located at 32.41056, -103.6858. All other wells feeding the CTB will have gas sales through DCP meter #13112050 located at 32.25937127, -103.46428518.

#### **Additional Application Components:**

The flow of production is shown in detail on the enclosed facility diagram. Also enclosed is a map detailing the lease boundaries, well and battery locations.

The working interest, royalty interest and overriding royalty interest owners have been notified of this proposal by certified mail (see attached).

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) OXY USA INC requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

Commingling this production is the most effective means of producing the reserves. OXY USA INC understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

**ANTELOPE RIDGE UNIT CENTRAL TANK BATTERY WELL LIST****PA# 068289D****POOL: ANTELOPE RIDGE; ATOKA (GAS) - 70360**

Well	API	Pool Code	Pool	Location	BOPD	OIL GRAVITY	MSCFD	BTU	BWPD
✓ Antelope Ridge Unit #8	30-025-26868	70360	ANTELOPE RIDGE; ATOKA (GAS)	H-28-T23S-R34E	0	51.2	0.2	1071	0
✓ Antelope Ridge Unit #11	30-025-37624	70360	ANTELOPE RIDGE; ATOKA (GAS)	E-34-T23S-R34E	2	51.2	268	1071	587

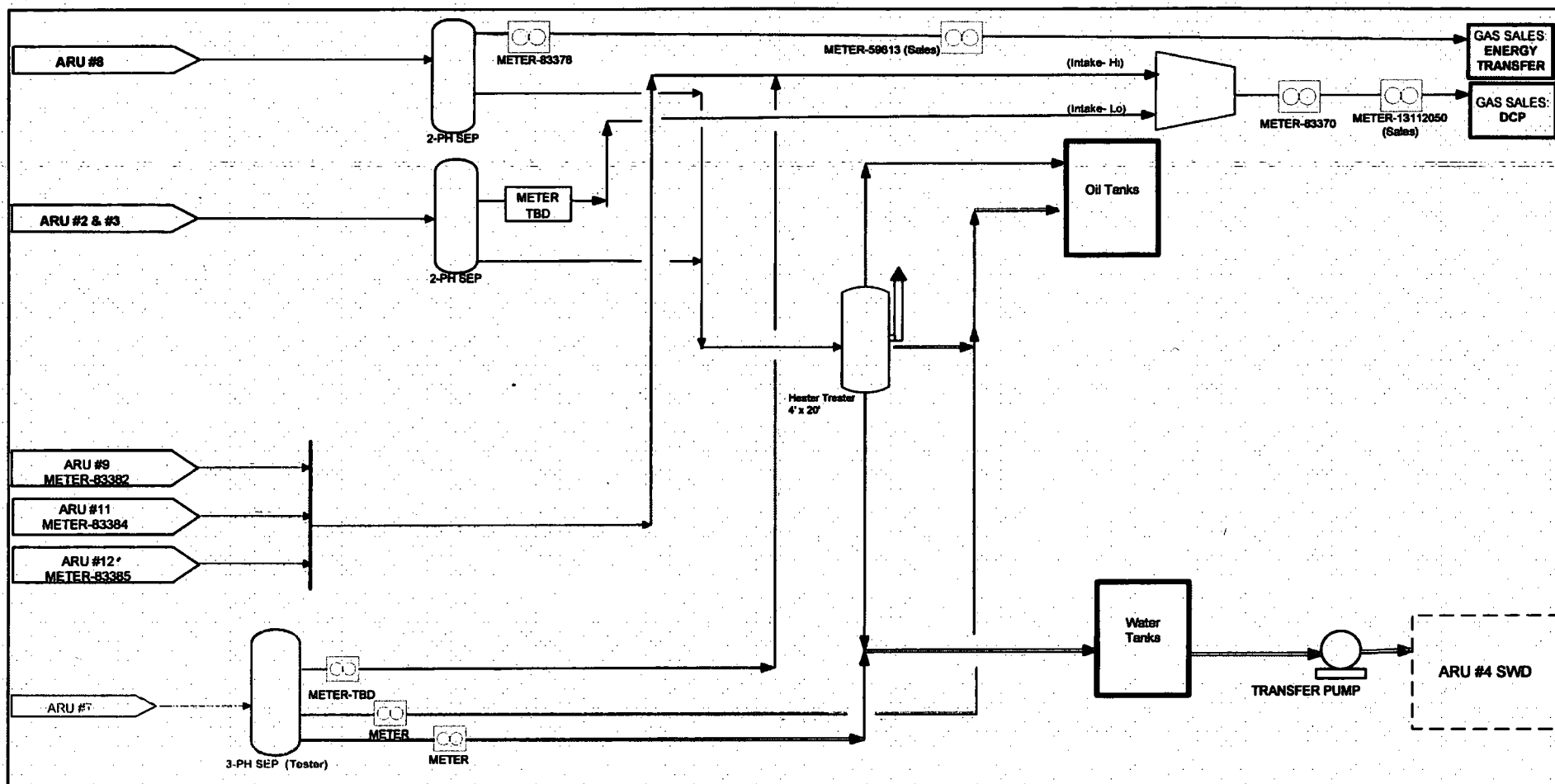
**PA# 068289C****POOL: ANTELOPE RIDGE; MORROW (GAS) - 70440**

Well	API	Pool Code	Pool	Location	BOPD	OIL GRAVITY	MSCFD	BTU	BWPD
✓ Antelope Ridge Unit #2	30-025-20444	70440	ANTELOPE RIDGE; MORROW (GAS)	B-04-T24S-R34E	0	51.2	0	1125	0
✓ Antelope Ridge Unit #3	30-025-21082	70440	ANTELOPE RIDGE; MORROW (GAS)	K-34-T23S-R34E	0	51.2	162	1071	0
✓ Antelope Ridge Unit #9	30-025-28863	70440	ANTELOPE RIDGE; MORROW (GAS)	P-33-T23S-R34E	0	51.2	71	1071	0
✓ Antelope Ridge Unit #12	30-025-37625	70440	ANTELOPE RIDGE; MORROW (GAS)	A-33-T23S-R34E	1	51.2	512	1071	10

**POOL: ANTELOPE RIDGE; STRAWN (GAS) - 70450**

Well	API	Pool Code	Pool	Location	BOPD	OIL GRAVITY	MSCFD	BTU	BWPD
Antelope Ridge Unit #7	30-025-27047	70450	ANTELOPE RIDGE; STRAWN (GAS)	G-27-T23S-R34E	2.5*		5*		50*

\*Risk-discounted expected production



REVISION BLOCK						ENGINEERING RECORD	
NO.	DATE	DESCRIPTION	BY	CHK	APP	BY	DATE
1	06/17		LDS			DRN:	
						DES:	
						CHK:	
						APP:	
						AFE:	

**PROCESS FLOW DIAGRAM  
ANTELOPE RIDGE UNIT BATTERY- PROPOSED**

**ANTELOPE RIDGE  
LEA COUNTY, NEW MEXICO**

The map displays the following land parcels and features:

- Top Left (Yellow):** VB22280, NMNM 092199, NMNM 068821.
- Top Center (Orange):** NMLC 0067715, ANTELOPE RIDGE 08, T23S R34E.
- Top Right (Pink):** ANTELOPE RIDGE 07, NMLC 0071949, T23S R34E.
- Middle Left (White):** E058962, E019371, E058982, E058291, NMNM 0002335B, NMNL 0061374A.
- Middle Center (Light Blue):** K02803, K021493, ANTELOPE RIDGE 09, ANTELOPE RIDGE 02, NMNM 0021422, NMNM 0007199B, NMNM 0045352, NMNM 0007199B, NMNM 0007199C, NMNM 100594, NMNM 013642, NMNM 0554252, NMNM 013642.
- Middle Right (Light Green):** OG203, ANTELOPE RIDGE 12, ANTELOPE RIDGE 11, E080783, ANTELOPE RIDGE 03, E080783, OG203, E080783, NMNM 0327106, NMNM 0002377, NMNM 113417, NMNM 113417.
- Bottom (White):** K011243, L070402, L038822, NMNM 113417.

- Wells

 Antelope Ridge CTB



## Antelope Ridge Unit CTB Production Data

**Antelope Ridge Unit #2 (30-025-20444)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	0	0	0	0	0
Apr-2017	0	0	0	0	0
May-2017	0	0	0	0	0
Jun-2017	0	0	0	0	0
Jul-2017	0	0	0	0	0
Aug-2017	0	0	0	0	0

**Antelope Ridge Unit #3 (30-025-21082)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	1	0	4720	152	3
Apr-2017	0	0	5042	157	0
May-2017	0	0	5626	163	0
Jun-2017	0	0	4706	188	0
Jul-2017	0	0	4951	152	0
Aug-2017	0	0	4869	160	0

**Antelope Ridge Unit #8 (30-025-26868)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	0	0	0	0	0
Apr-2017	0	0	8	0	0
May-2017	0	0	6	0	0
Jun-2017	0	0	0	0	0
Jul-2017	0	0	8	0	0
Aug-2017	0	0	7	0	0

**Antelope Ridge Unit #9 (30-025-28863)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	0	0	5008	162	0
Apr-2017	0	0	214	7	0
May-2017	0	0	5721	0	0
Jun-2017	0	0	0	0	0
Jul-2017	0	0	1	0	0
Aug-2017	0	0	1	0	0

**Antelope Ridge Unit #7 (30-025-27047)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	0	0	0	0	0
Apr-2017	0	0	7	7	0
May-2017	0	0	25	12.5	0
Jun-2017	0	0	10	10	0
Jul-2017	0	0	19	19	0
Aug-2017	0	0	0	0	0

**Antelope Ridge Unit #11 (30-025-37624)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	57	3	11765	619	3755
Apr-2017	0	0	0	0	0
May-2017	0	0	21	0	0
Jun-2017	71	7	312	31	2522
Jul-2017	0	0	5192	173	20937
Aug-2017	0	0	4978	226	21516

**Antelope Ridge Unit #12 (30-025-37625)**

Month	Oil (bbls)	Average Daily Volume (bbls)	Gas (MCF)	Average Daily Volume (MCF)	Water (bbls)
Mar-2017	21	1	16356	528	164
Apr-2017	40	1	16603	553	188
May-2017	43	1	15111	487	183
Jun-2017	6	0	9215	307	153
Jul-2017	5	0	19336	624	772
Aug-2017	70	2	17495	564	457



**OXY USA WTP Limited Partnership / OXY  
USA INC / OCCIDENTAL PERMIAN LTD**  
A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046  
P.O. Box 4294, Houston, Texas 77210-4294  
Direct: 713.366.5945  
Taylor\_Stillman@oxy.com

November 3, 2017

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

**Re: Application for Pool Lease Commingling for the Antelope Ridge Central Tank Battery**

**To Whom It May Concern:**

This is to advise you that OXY USA INC is filing a Pool Lease Commingle application for the Antelope Ridge CTB. A copy of the application submitted to the New Mexico Oil Conservation Division is attached.

Any objections or requests for a hearing regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe Office within 20 Days from the date of this letter.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) OXY USA WTP LP requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

For questions regarding this application, please contact Taylor Stillman at (713) 366-5945.

Respectfully,

**OXY USA WTP LP**  
Taylor Stillman  
Regulatory Engineer  
Taylor\_Stillman@oxy.com

**Antelope Ridge Central Tank Battery**  
Interest Owner Notification - Tracking Numbers

<b>OWNER NAME</b>	<b>Certified Tracking Number</b>
BARKER CUSTODIAN, LAURIE	7017 1450 0002 2915 3034
BARTON JR, ROY G	7017 1450 0002 2915 3027
BROWN JR, CHANNING M	7017 1450 0002 2915 2990
BROWN, ROBERT H	7017 1450 0002 2915 3003
ELLIOTT INDUSTRIES	7017 1450 0002 2915 2945
ELLIOTT-HALL COMPANY	7017 1450 0002 2915 2938
ENDEAVOR ENERGY RESOURCES LP	7017 1450 0002 2915 2921
H HILTON & ALMA WOODS KADERLI TRST	7017 1450 0002 2915 2969
HOCHSTETTER LP	7017 1450 0002 2915 2884
LAURITZEN, CHRIS	7017 1450 0002 2915 2914
LAURITZEN, FREDRICK	7017 1450 0002 2915 2983
LUCILLE H PIPKIN TRUST	7017 1450 0002 2915 2976
LUNT, DAVID	7017 1450 0002 2915 2907
LUNT, LESLEY L	7017 1450 0002 2915 2891
MICHAEL HARRISON MOORE 2006 TRUST	7017 1450 0002 2915 2952
NOBLE ROYALTIES ACCESS FND VIII LP	7017 1450 0002 2915 2877
NOBLE ROYALTIES ACCESS FUND VII LP	7017 1450 0002 2915 2860
OAKWOOD MINERALS I LP	7017 1450 0002 2915 2853
OGM PARTNERS I	7017 1450 0002 2915 2839
RICHARD LYONS MOORE 2006 TRUST	7017 1450 0002 2915 2815
ROCHESTER MINERALS LP	7017 1450 0002 2915 2822
TECKLA OIL CO LLC	7017 1450 0002 2915 3058
THOMAS, JUDITH KADERLI	7017 1450 0002 2915 3065
WHITE STAR ROYALTY COMPANY	7017 1450 0002 2915 3072
WIGGINS, ANDREA COLLEEN	7017 1450 0002 2915 3089
WIGGINS, CHARLES R	7017 1450 0002 2915 3096
WINDOM ROYALTIES LLC	7017 1450 0002 2915 3041

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT  
HOBBS OFFICE O. C. C.

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

MSOCC Order No. R-3050

Operator <b>Shell Oil Company (Western Division)</b>			Lease <b>MAR 31 11 40 AM '66</b>		Well No. <b>2</b>
Unit Letter <b>b</b>	Section <b>4</b>	Township <b>24S</b>	Range <b>34E</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>north</b> line and <b>1650</b> feet from the <b>east</b> line					
Ground Level Elev. <b>3548</b>	Producing Formation <b>HORROW</b>		Foot <b>Antelope Ridge-HORROW Gas Pool</b>		Dedicated Acreage: <b>320</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Original Signed By

**J. D. DUREN J. D. Duren**

Name

**Staff Exploitation Engineer**

Position

**Shell Oil Company**

Company

**March 28, 1966**

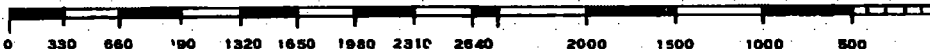
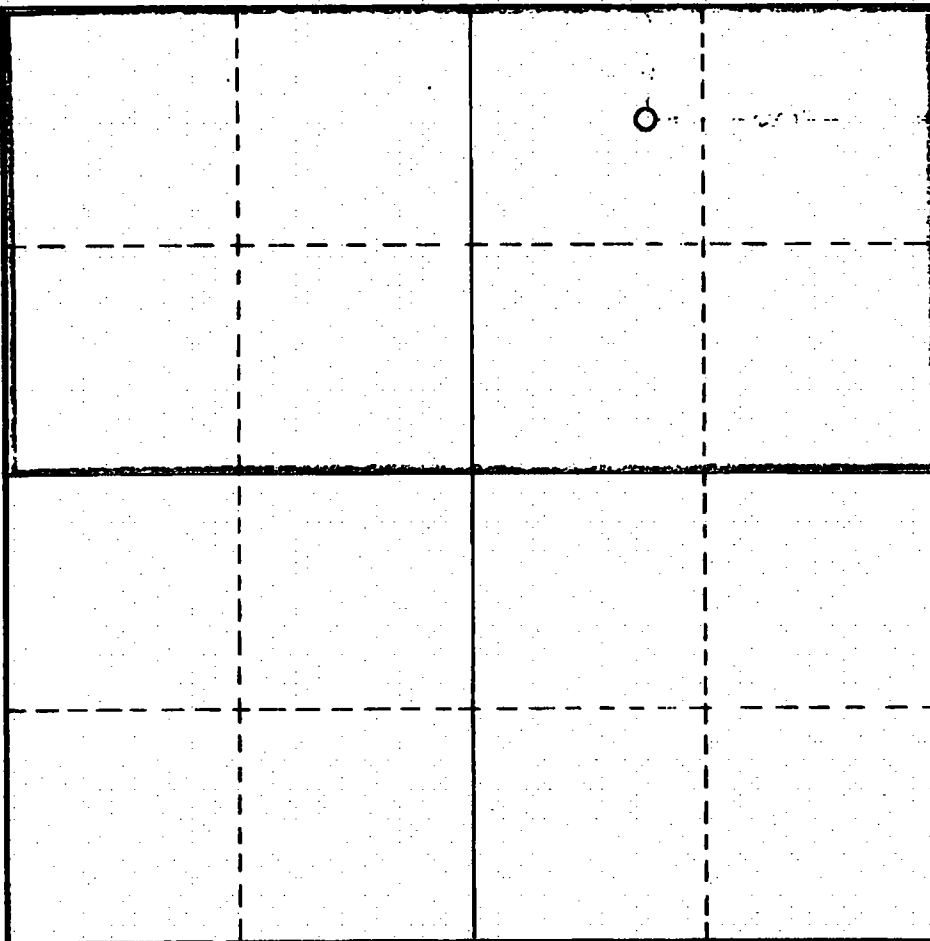
Date

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

Date Surveyed

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.



District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1806 Rio Branco Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☒ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 AFI Number 30-025-21082		2 Pool Code 70440		3 Pool Name Antelope Ridge (Morrow)	
4 Property Code 002818		5 Property Name Antelope Ridge Unit			6 Well Number 3
7 OGRID No. 004537		8 Operator Name Citation Oil & Gas Corp.			9 Elevation 3468' GR

**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
K	34	23S	34E		1980	South	1650	West	Lea

**11 Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	34	23S	34E		1980	South	1650	West	Lea

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code U	15 Order No. MC-1947 dated 6/16/1971; however, Devonian is PB
---------------------------	--------------------	----------------------------	------------------------------------------------------------------

**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**

				<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
				Signature 	
				Printed Name Debra Harris	
				Title Prod./Reg. Coordinator	
				Date April 10, 2001	
				<b>18 SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual 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	
				Signature and Seal of Professional Surveyor:	
				Certificate Number	

**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 Bravos 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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-025-27047</b>	<sup>2</sup> Pool Code <b>70450</b>	<sup>3</sup> Pool Name <b>Antelope Ridge Strawn (Gas)</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Antelope Ridge Unit</b>	<sup>6</sup> Well Number <b>7</b>
<sup>7</sup> OGRID No. <b>16696</b>	<sup>8</sup> Operator Name <b>Oxy USA Inc.</b>	<sup>9</sup> Elevation <b>3471'</b>

**" Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>G</b>	<b>27</b>	<b>23S</b>	<b>34E</b>		<b>1650</b>	<b>North</b>	<b>1980</b>	<b>east</b>	<b>Lea</b>

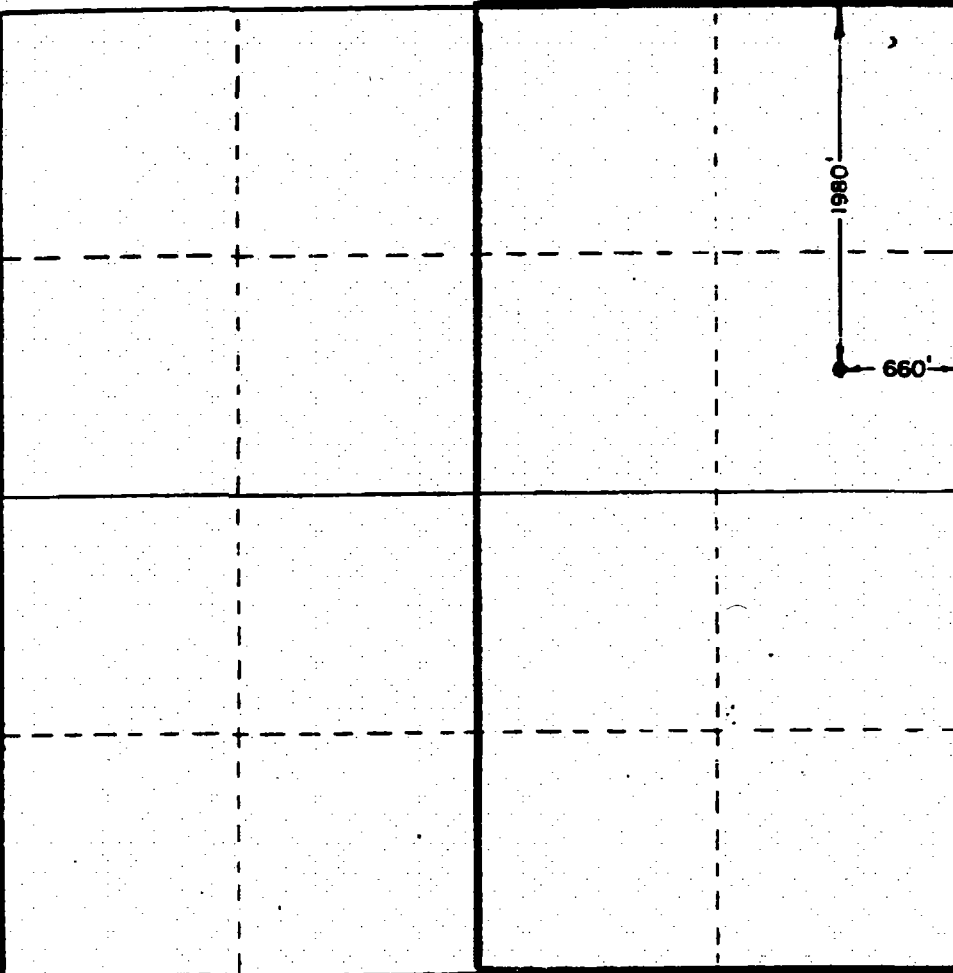
**" Bottom Hole Location If Different From Surface**

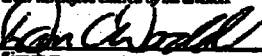
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>10</sup> Dedicated Acres <b>320</b>	<sup>11</sup> Joint or Infill <b>N</b>	<sup>12</sup> Consolidation Code	<sup>13</sup> Order No.
---------------------------------------------	-------------------------------------------	----------------------------------	-------------------------

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.

	<b>" OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has 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 heretofore entered by the division. Signature <u><i>David Stewart</i></u> Date <u>08/17</u> Printed Name <u>David Stewart Sr. Reg. Ado.</u> E-mail Address <u>david.stewart@oxy.com</u>	
	<b>"SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual 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 _____ Signature and Seal of Professional Surveyor _____ Certificate Number _____	

Shell Oil Co.		Antelope Ridge Unit		8
H	28	23 South	34 East	Leo
Actual well location (if known):				
1980	feet from the North	line and	660	feet from the East
Ground level: 3475.4	Producing Formation: <u>Morrow/Atoka</u>		Well ID: <u>320</u>	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, force-pooling, etc?</p> <p><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No    If answer is "yes," type of consolidation <u>communization</u></p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated (fill on reverse side of this form if necessary.)</p> <p>No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.</p>				
				CERTIFICATION
				<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>A. J. Jure</u> Senior Engr. Tech. Shell Oil Company 4-7-80</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>March 27, 1980</p> <p><u>John W. West</u> Certificate No. <u>JOHN W. WEST 678</u> <u>PATRICK A. ROMERO 663</u> <u>Ronald J. Eidson 3239</u></p>
<div style="display: flex; justify-content: space-between;"><div>0 330 660 990 1320 1650 1980 2310 2640</div><div>2000 1800 1600 1400 1200 1000 800 600 400 200 0</div></div>				

16				<p><b>17 OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has 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 therefore entered by the division.</i></p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">               Signature           </div> <div style="text-align: center;">             October 24, 2006              Date           </div> </div> <div style="border-top: 1px solid black; padding-top: 5px;">             Dan C. Dodd              Printed Name           </div>
				<p><b>18 SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="border-top: 1px solid black; padding-top: 5px;">             Date of Survey           </div> <div style="border-top: 1px solid black; padding-top: 5px;">             Signature and Seal of Professional Surveyor:           </div> <div style="border-top: 1px solid black; padding-top: 5px;">             Certificate Number           </div>

128'

66'



District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-0720

District II  
1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720

District III  
1000 Rio Brasos Rd., Amec, 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

Form C-102  
Permit 20444

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-37624	2. Pool Code 70440	3. Pool Name ANTELOPE RIDGE;MORROW (GAS)
4. Property Code 301997	5. Property Name ANTELOPE RIDGE UNIT	6. Well No. 011
7. OGRID No. 233545	8. Operator Name BOLD ENERGY, L.P.	9. Elevation 3474

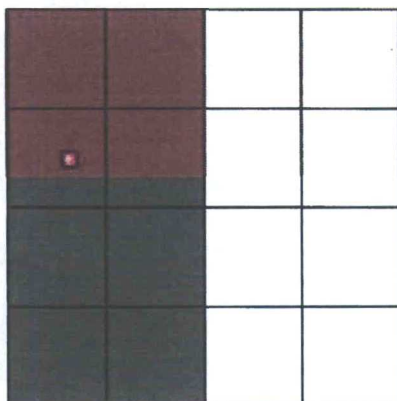
10. Surface Location

UL - Lot E	Section 34	Township 23S	Range 34E	Lot Idn	Feet From 1980	N/S Line N	Feet From 810	E/W Line W	County LEA
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

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 complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has 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 heretofore entered by the division.*

E-Signed By: Peggy Kerr  
Title: Vice President  
Date: 1/6/2006

SURVEYOR CERTIFICATION

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

Surveyed By: Ronald Eidson  
Date of Survey: 12/19/2005  
Certificate Number: 3239

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-0720

**District II**  
1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 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**

Form C-102  
Permit 20807

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-37625	2. Pool Code 70440	3. Pool Name ANTELOPE RIDGE;MORROW (GAS)
4. Property Code 301997	5. Property Name ANTELOPE RIDGE UNIT	6. Well No. 012
7. OGRID No. 233545	8. Operator Name BOLD ENERGY, L.P.	9. Elevation 3484

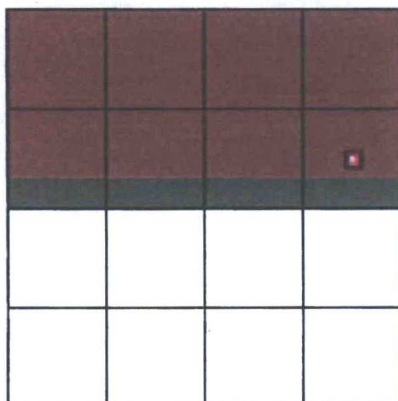
**10. Surface Location**

UL - Lot H	Section 33	Township 23S	Range 34E	Lot Idn	Feet From 1980	N/S Line N	Feet From 660	E/W Line E	County LEA
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

**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 complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has 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 heretofore entered by the division.*

E-Signed By: Peggy Kerr  
Title: Vice President  
Date: 1/7/2006

**SURVEYOR CERTIFICATION**

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

Surveyed By: Ronald Eidson  
Date of Survey: 12/19/2005  
Certificate Number: 3239

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMLC071949

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
ANTELOPE RIDGE UNIT 7

9. API Well No.  
30-025-27047

10. Field and Pool or Exploratory Area  
ANTELOPE RIDGE STRAWN

11. County or Parish, State  
LEA COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

2. Name of Operator  
OXY USA INC. Contact: DAVID STEWART  
E-Mail: david\_stewart@oxy.com

3a. Address  
P.O. BOX 50250  
MIDLAND, TX 79710  
3b. Phone No. (include area code)  
Ph: 432-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 27 T23S R34E SWNE 1650FNL 1980FEL  
32.278347 N Lat, 103.455765 W Lon

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

1. Pull Tubing and insert pump. Send tubing for scanner

2. Install CIBP @ 12070' isolating Atoka perms @ 12079-12626'. 25 sacks of class H cement on top of CIBP. WOCE Tag

3. Perforate Strawn at approximately 11983-12026'.

4. Cleanout well with BHA.

5. RIH with 10K packer and set above new perforations and do stimulation with 100 gal/hr acid

6. Produce with natural flow to the flow back unit.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #384240 verified by the BLM Well Information System For OXY USA INC., sent to the Hobbs Committed to AFMSS for processing by MUSTAFA HAQUE on 10/05/2017 ()	
Name (Printed/Typed) DAVID STEWART	Title SR. REGULATORY ADVISOR
Signature (Electronic Submission)	Date 08/09/2017
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By <u>MUSTAFA HAQUE</u>	Title <u>PETROLEUM ENGINEER</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Date <u>10-05-2017</u>
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.	Office <u>BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE</u>

**Additional data for EC transaction #384240 that would not fit on the form**

**32. Additional remarks, continued**

7. Produce to the facility after 4 days.

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 Bravos 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-27047	<sup>2</sup> Pool Code 70450	<sup>3</sup> Pool Name Antelope Ridge Strawn (Gas)
<sup>4</sup> Property Code	<sup>5</sup> Property Name Antelope Ridge Unit	<sup>6</sup> Well Number 7
<sup>7</sup> OGRID No. 16696	<sup>8</sup> Operator Name OXY USA Inc.	<sup>9</sup> Elevation 3471'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	27	23S	34E		1650	North	1980	east	Lea

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill N	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	------------------------------------	----------------------------------	-------------------------

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.

	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and that this organization either owns a working interest or interest mineral interest in the land including the proposed bottom hole location or has 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 heretofore entered by the division.</p> <p>Signature: <i>David Stewart</i> Date: 08/17</p> <p>Printed Name: David Stewart Sr. Reg. Adm.</p> <p>E-mail Address: david.stewart@oxy.com</p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>

OXY USA Inc. - Current  
Antelope Ridge Unit #7  
API No. 30-025-27047

WC = 11,460'  
Penn = 11,784'  
Des Moines = 11,882'  
Atoka = 12,073'  
Morrow = 12,892'

20" hole @ 465'  
16" csg @ 465'  
w/ 850sx-TOC-Surf-Circ

14-3/4" hole @ 5060'  
10-3/4" csg @ 5060'  
DVT @ 1138'  
w/ 1950sx-TOC-Surf-Circ

9-1/2" hole @ 11650'  
7-5/8" csg @ 11650'  
w/ 800 sx-TOC-4570'-Calc

6-1/2" hole @ 13574'  
5" liner @ 11435-13574'  
w/ 285sx-TOC-11435'-Circ

CIBP @ 12900' w/ 35' cmt to 12865'  
DB Pkr @ 13140'

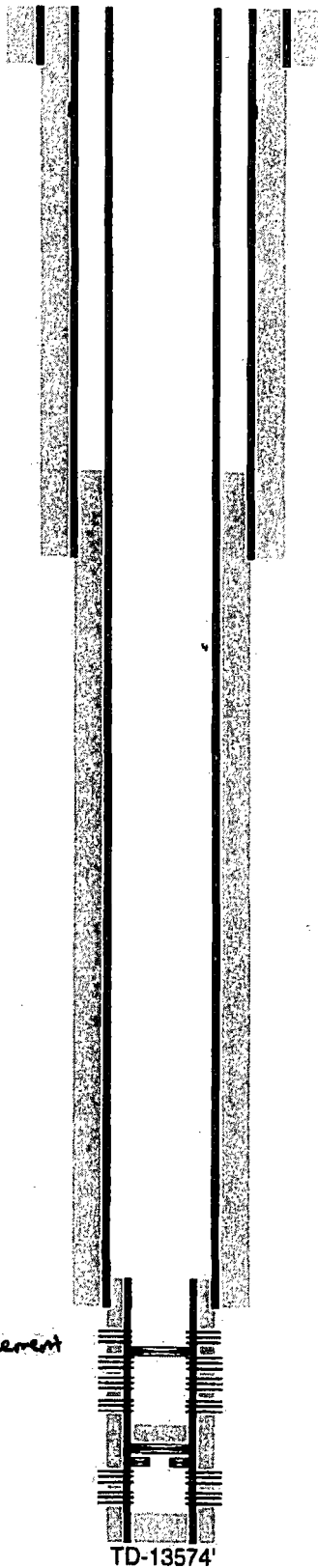
PB-13485'

Perfs @ 12079-12626'

Perfs @ 13183-13413'

TD-13574'

OXY USA Inc. - Proposed  
Antelope Ridge Unit #7  
API No. 30-025-27047



20" hole @ 465'  
16" csg @ 465'  
w/ 850sx-TOC-Surf-Circ

14-3/4" hole @ 5060'  
10-3/4" csg @ 5060'  
DVT @ 1138'  
w/ 1950sx-TOC-Surf-Circ

9-1/2" hole @ 11650'  
7-5/8" csg @ 11650'  
w/ 800 sx-TOC-4570'-Calc

6-1/2" hole @ 13574'  
5" liner @ 11435-13574'  
w/ 285sx-TOC-11435'-Circ

*CIBP @ 12070' & 25 sacks of Class H cement  
on 10' of CIBP. w/c & Tag.*

CIBP @ 12900' w/ 35' cmt to 12865'  
DB Pkr @ 13140'

PB-13485'

*Perfs @ 11983-12026'*

Perfs @ 12079-12626'

Perfs @ 13183-13413'

TD-13574'

Antelope Ridge Unit 7  
30-025-27047  
Oxy USA  
Conditions of Approval

**Notify BLM at 575-361-2822 (Eddy County) or 575-393-3612 (Lea County) a minimum of 24 hours prior to commencing work.**

**Work to be completed by January 05, 2019.**

1. Must conduct a casing integrity test before perforating and fracturing. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure. Notify BLM if test fails.
2. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
3. Surface disturbance beyond the originally approved pad must have prior approval.
4. Closed loop system required.
5. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
6. Operator to have H2S monitoring equipment on location.
7. A minimum of a 2000 (2M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
8. **Subsequent sundry required detailing work done, a C-102 form, and completion report for the new formations. Operator to include well bore schematic of current well condition when work is complete.**



**9. See attached for General Plugback Guidelines**

**MHH 10052017**

**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**Permanent Abandonment of Production Zone Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plug back operations shall commence within ninety (90) days from this approval. If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.
2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612
3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.
5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.  
In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement.  
**Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**  
Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.
6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date work was completed. If plugging back to a new zone submit a Completion Report, form 3160-4 with the Subsequent Report.
7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.