

RECEIVED: 11/03/2017	REVIEWER: MAM	TYPE: PLC	APP NO: DMA173355177
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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 holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	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 300E
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 298E
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 295E
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 285E
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 282E
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 307E
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 Commingled)

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 allowables? 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 attached 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)3166-5945
 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

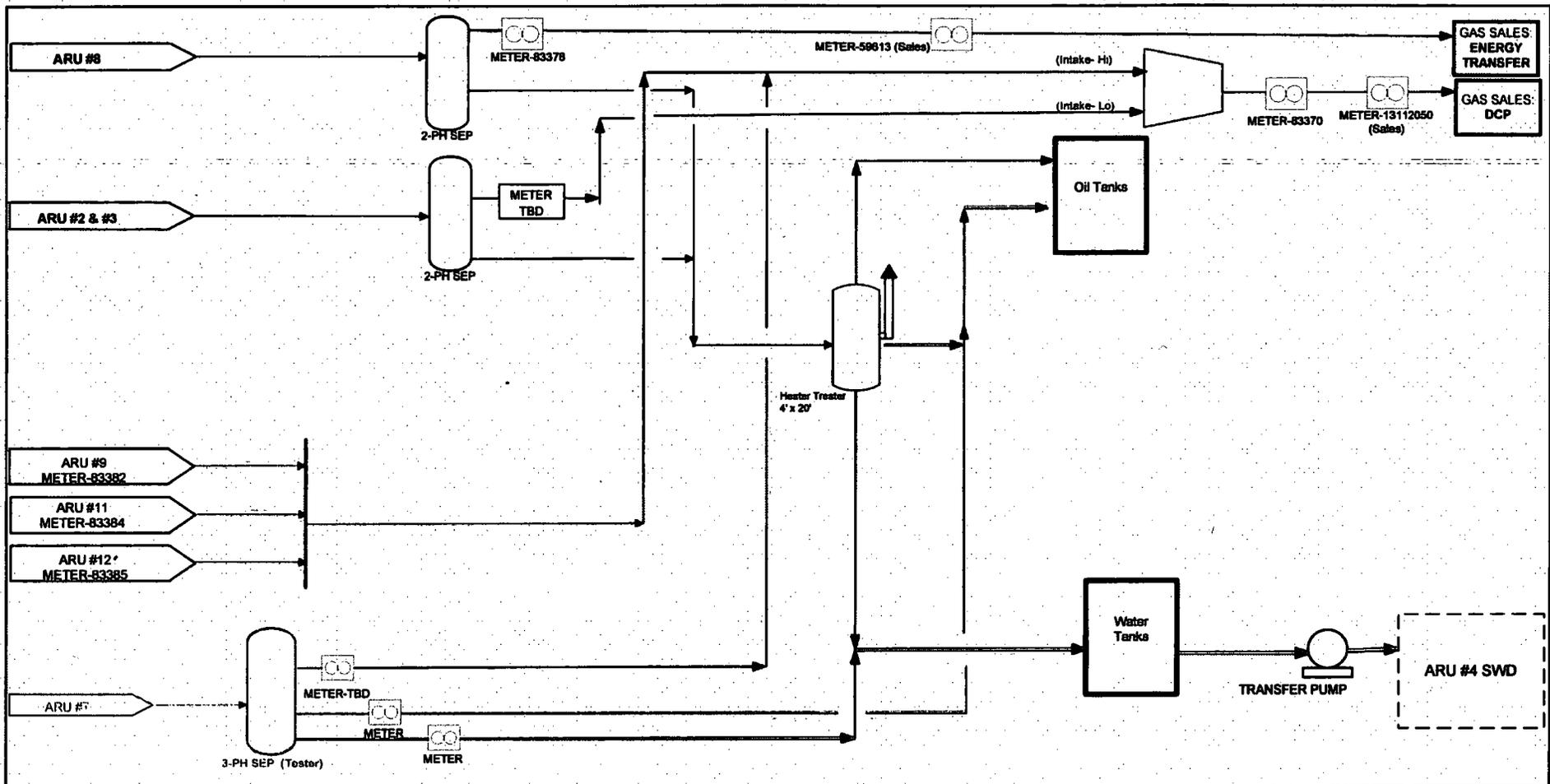
POOL: ANTELOPE RIDGE; MORROW (GAS) - 70440

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

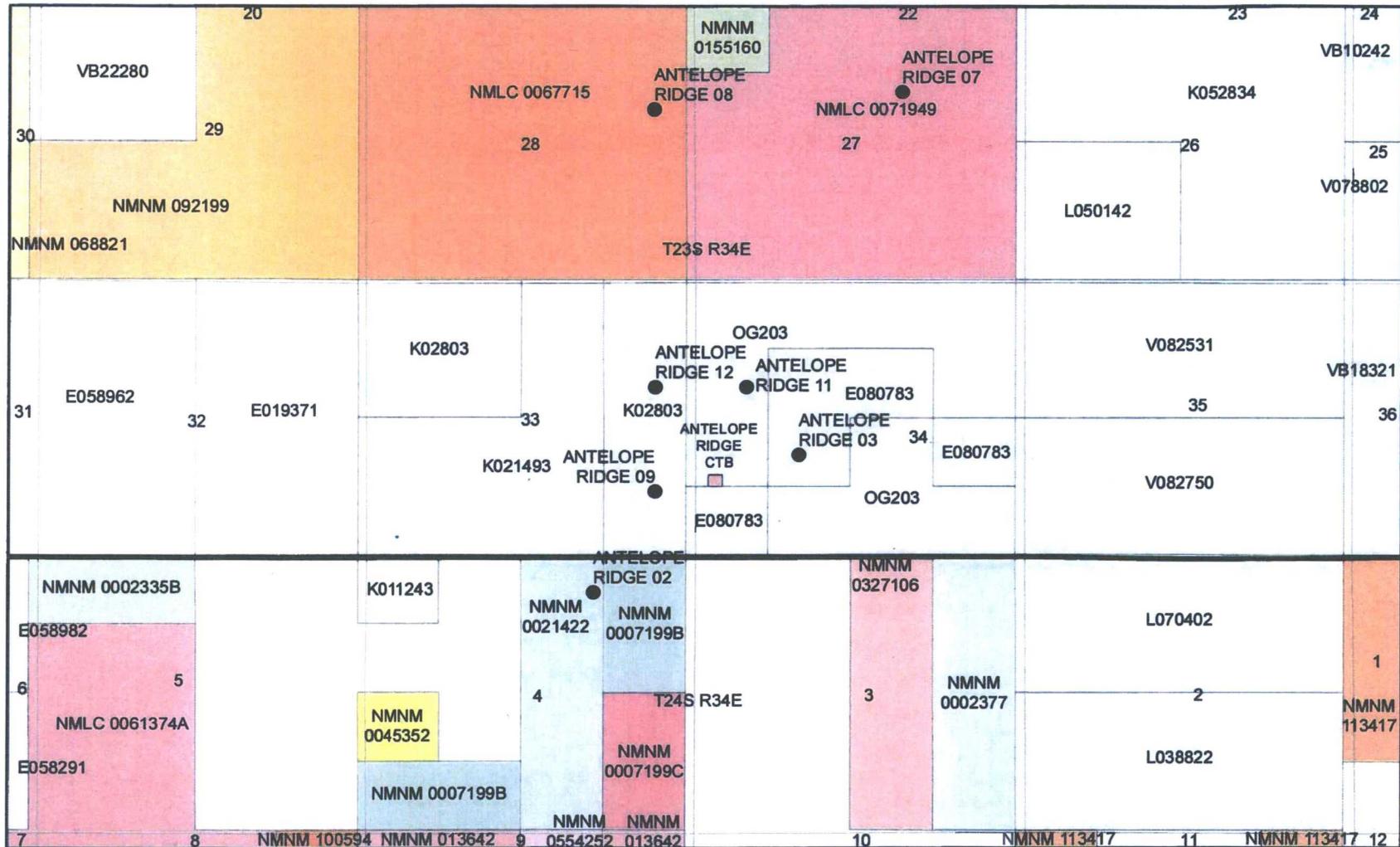


REVISION BLOCK						ENGINEERING RECORD	
NO.	DATE	DESCRIPTION	BY	CHK	APP	BY	DATE
1	06/17		LDS			DRN:	
						DES:	
						CHK:	
						APP:	
						AFE:	

PROCESS FLOW DIAGRAM
ANTELOPE RIDGE UNIT BATTERY- PROPOSED

ANTELOPE RIDGE
 LEA COUNTY, NEW MEXICO

Antelope Ridge CTB



Legend

- 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

Note: Average Daily Volume is equal to the monthly production volume divided by the number of days the well was producing



**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

OWNER NAME	Certified Tracking Number
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.

NMOCC Grant No. R-3050

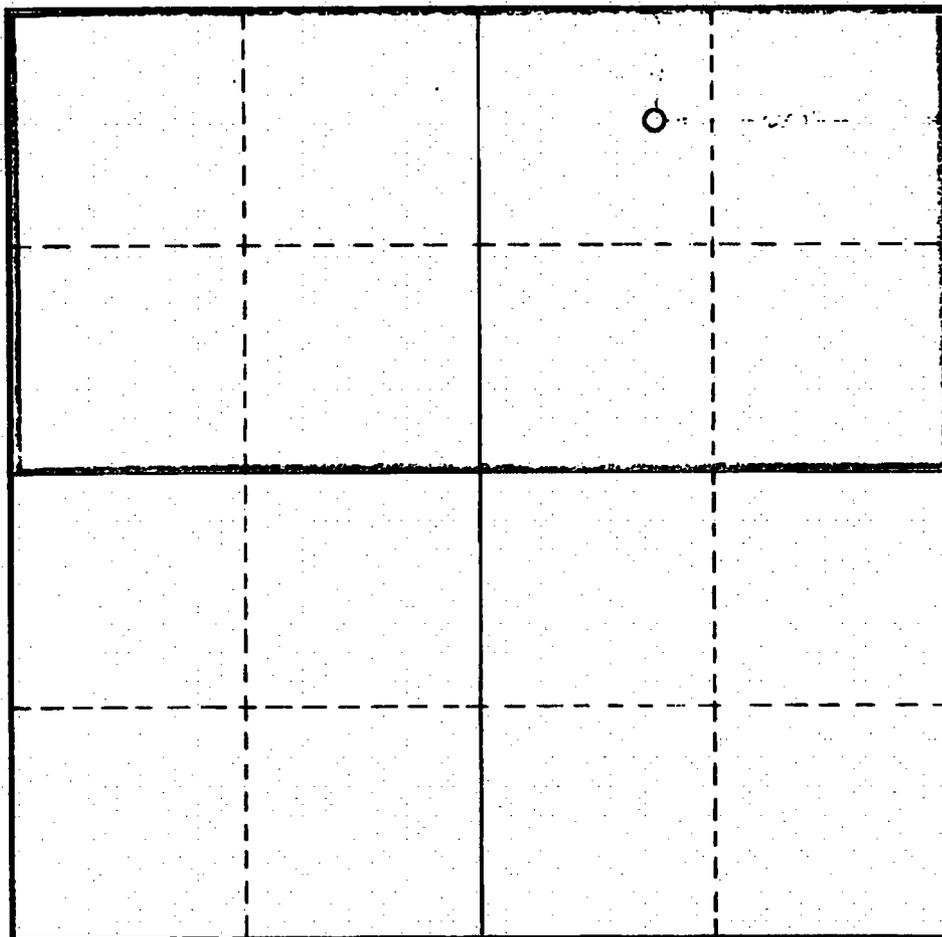
Operator Shell Oil Company (Western Division)		Lease MAR 31 11 40 AM '66		Well No. 2
Unit Letter b	Section 4	Township 24S	Range 34E	County Lea
Actual Footage Location of Well: 660 feet from the NORTH line and 1650 feet from the east line				
Ground Level Elev. 3548	Producing Formation HORROW	Pool Antelope Ridge-Horror Gas Pool		Dedicated Acreage: 320 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
 1009 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 API 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
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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>¹⁶</p>	<p>¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Debra Harris</i> Signature Debra Harris Printed Name Prod./Reg. Coordinator Title April 10, 2001 Date</p>
		<p>¹⁸ SURVEYOR CERTIFICATION <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> <p>Date of Survey Signature and Seal of Professional Surveyer: Certificate Number</p>

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 Artesia 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

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

" 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

" 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

¹⁰ Dedicated Acres 320	¹¹ Joint or Infill N	¹² Consolidation Code	¹³ 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>" OPERATOR CERTIFICATION</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 unleased 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><i>[Signature]</i> 08/17 Signature Date</p> <p>David Stewart Sr. Reg. Ado. Printed Name</p> <p>david.stewart@oxy.com E-mail Address</p>
	<p>"SURVEYOR CERTIFICATION</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>

Shell Oil Co. Antelope Ridge Unit 8

H 28 23 South 34 East Leo

1980 feet from the North line and 660 feet from the East

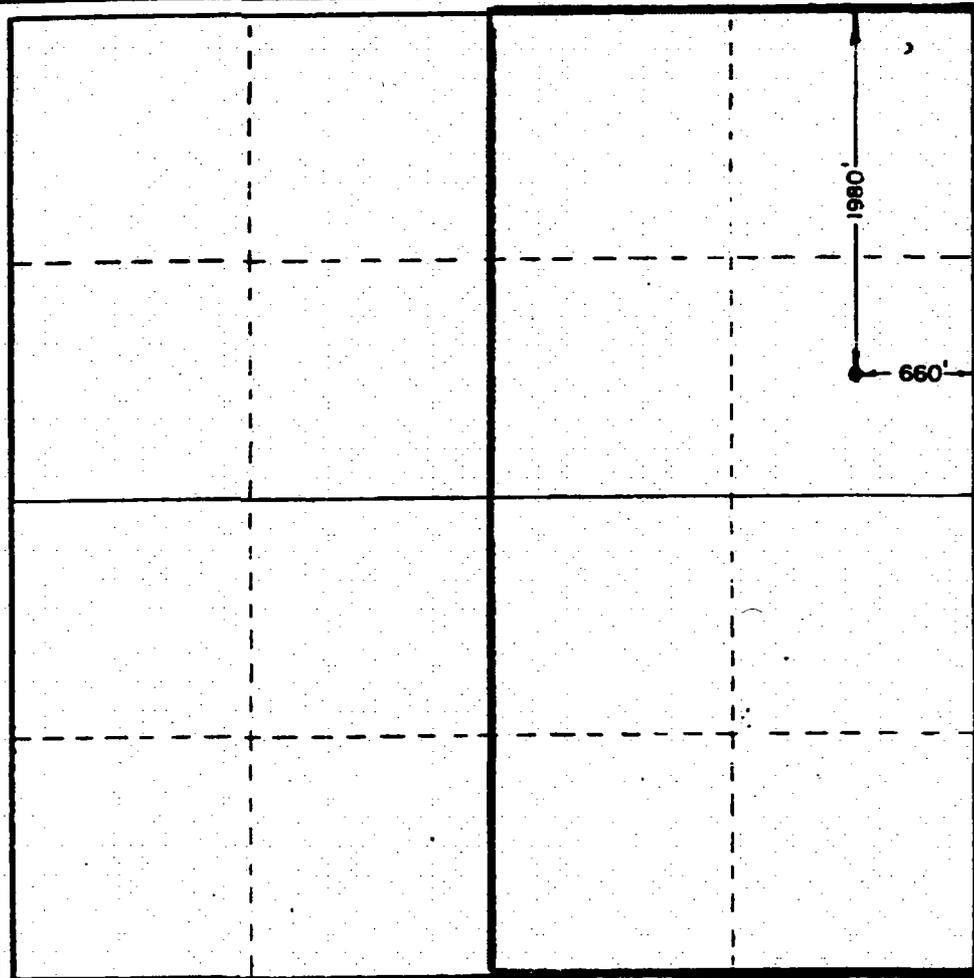
3475.4 Producing Formation Morrow/Atoka 320

- 1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

X Yes [] No If answer is "yes," type of consolidation communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated (if on 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

A. J. Jure

Senior Engr. Tech.

Shell Oil Company

4-7-80

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

March 27, 1980

John W. West

Certificate No. JOHN W. WEST 678 PATRICK A. ROMERO 6863 RONALD J. EIDSON 3239

0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1600 1400 1200 1000 800 0

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Grande Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-28063		² Pool Code 70460		³ Pool Name Antelope Ridge (Morrow)	
⁴ Property Code LC00775 301997 Unit 0910000925		⁵ Property Name Antelope Ridge Unit			⁶ Well Number 9
⁷ OGRID No. 233545		⁸ Operator Name Bald Energy, LP			⁹ Elevation 3392'

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
P	33	23S	34E		1285	South	660	East	Len

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

¹² Dedicated Acres 320	¹³ Joint or Infill N	¹⁴ Consolidation Code U	¹⁵ Order No. R-2787
--------------------------------------	------------------------------------	---------------------------------------	-----------------------------------

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.

16				<p>¹⁷ OPERATOR CERTIFICATION</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 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.</p> <p><i>Ken C. Dault</i> October 24, 2005 Signature Date</p> <p>_____ Printed Name Dan C. Dault</p>

The diagram shows a well location on a grid. A vertical dimension line indicates a distance of 1285 feet from the bottom of the grid to the well location. A horizontal dimension line indicates a distance of 660 feet from the left edge of the grid to the well location.

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District III
 1000 Rio Brazos 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	

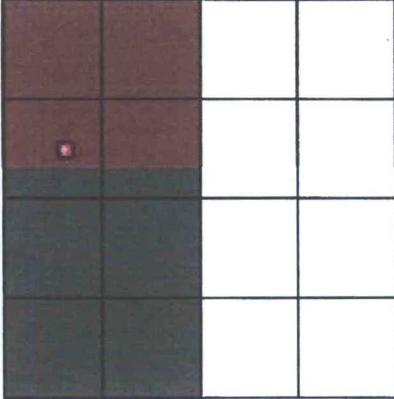
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	34	23S	34E		1980	N	810	W	LEA

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

	<p style="text-align: center;">OPERATOR CERTIFICATION</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 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.</i></p> <p>E-Signed By: Peggy Kerr Title: Vice President Date: 1/6/2006</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</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> <p>Surveyed By: Ronald Eidson Date of Survey: 12/19/2005 Certificate Number: 3239</p>
--	--

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 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	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	33	23S	34E		1980	N	660	E	LEA

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			
	<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 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.</i></p>			
	<p>E-Signed By: Peggy Kerr Title: Vice President Date: 1/7/2006</p>			
	SURVEYOR CERTIFICATION			
<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>				
<p>Surveyed By: Ronald Eidson Date of Survey: 12/19/2005 Certificate Number: 3239</p>				

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
ANTELOPE RIDGE UNIT 7

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

9. API Well No.
30-025-27047

3a. Address
P.O. BOX 50250
MIDLAND, TX 79710

3b. Phone No. (include area code)
Ph: 432-685-5717

10. Field and Pool or Exploratory Area
ANTELOPE RIDGE STRAWN

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

11. County or Parish, State
LEA COUNTY, NM

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.

- Pull Tubing and insert pump. Send tubing for scanner
- Install CIBP @ 12070' isolating Atoka perms @ 12079-12626'. *25 sacks of class H cement on top of CIBP. WOC tag*
- Perforate Strawn at approximately 11983-12026'.
- Cleanout well with BHA.
- RIH with 10K packer and set above new perforations and do stimulation with 100 gal/hr acid
- 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 Mustafa Haque Title PETROLEUM ENGINEER Date 10-05-2017
Office CFD BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE

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.

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.

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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

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

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
G	27	23S	34E		1650	North	1980	east	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

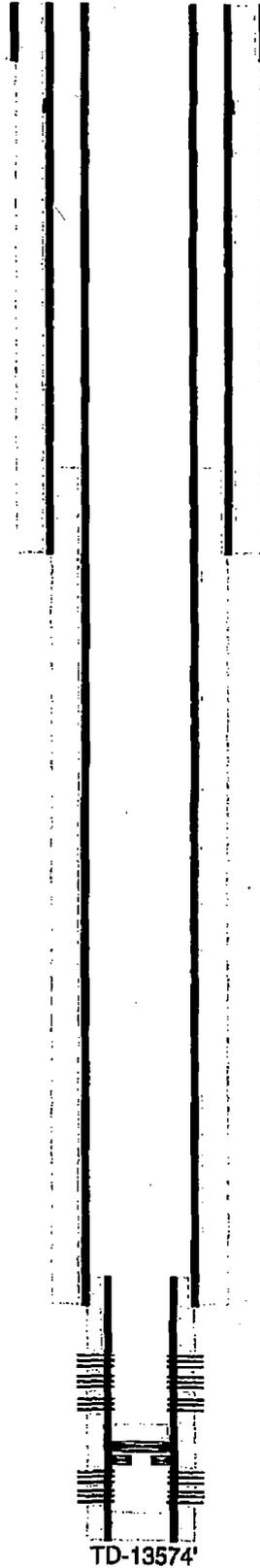
¹² Dedicated Acres 3.20	¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ Order No.
---------------------------------------	------------------------------------	----------------------------------	-------------------------

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.

	<p>¹⁷ 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 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. Ado.</p> <p>E-mail Address: david.stewart@oxy.com</p>
	<p>¹⁸ 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.</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

Perfs @ 12079-12626'

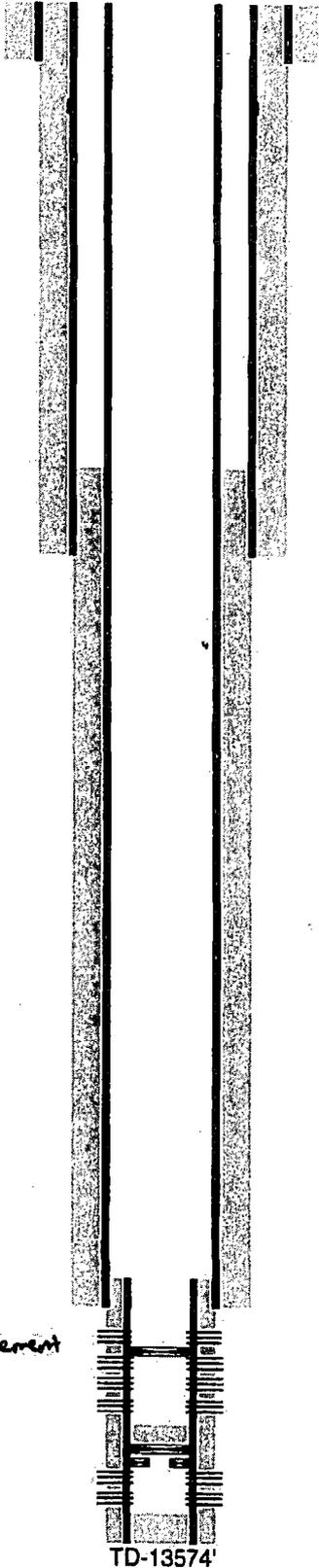
Perfs @ 13183-13413'

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

PB-13485'

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 top 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 90th day provide this office, prior to the 90th 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.**