

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-101
Revised July 18, 2013
Permit 171283

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address OXY USA INC PO Box 4294 Houston, TX 77210		2. OGRID Number 16696 3. API Number 30-015-41595
4. Property Code 39668	5. Property Name CEDAR CANYON 16 STATE	6. Well No. 006H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	15	24S	29E	L	1430	S	710	W	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	16	24S	29E	L	1658	S	330	W	Eddy

9. Pool Information

PIERCE CROSSING; BONE SPRING, EAST	96473
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 2927
16. Multiple N	17. Proposed Depth 13800	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 10/30/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	42	370	240	0
Int1	10.625	8.625	32	3100	850	0
Prod	7.875	5.5	17	13800	1580	2500

Casing/Cement Program: Additional Comments

Additional information will be sent with the H2S Plan.
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	10000	10000	
Annular	5000	5000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ , if applicable. Signature: _____ Printed Name: Electronically filed by KAREN M SINARD Title: _____ Email Address: karen_sinard@oxy.com Date: 8/6/2013	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">OIL CONSERVATION DIVISION</td> </tr> <tr> <td colspan="2">Approved By: Randy Dade</td> </tr> <tr> <td>Title: District Supervisor</td> <td>Approved Date: 8/7/2013</td> </tr> <tr> <td colspan="2">Expiration Date: 8/7/2015</td> </tr> <tr> <td colspan="2">Conditions of Approval Attached</td> </tr> </table>	OIL CONSERVATION DIVISION		Approved By: Randy Dade		Title: District Supervisor	Approved Date: 8/7/2013	Expiration Date: 8/7/2015		Conditions of Approval Attached	
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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, New Mexico 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 96473	Pool Name Pierce Crossing Bone Springs, E.
Property Code 39668	Property Name CEDAR CANYON 16 STATE	Well Number 6H
OGRID No. 16516	Operator Name OXY U.S.A. INC.	Elevation 2927'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	24-S	29-E		1430	SOUTH	710	WEST	EDDY

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
L	16	24-S	29-E		1658	SOUTH	330	WEST	EDDY
Dedicated Acres 160	Joint or Infill N	Consolidation Code	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 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>[Signature]</i> el6/13 Signature Date David Stewart Sr. Reg. Adv. Printed Name david.stewart@oxy.com E-mail Address																								
GEODETIC COORDINATES NAD 27 NMC SURFACE LOCATION Y=441785.8 N X=609864.2 E LAT.=32.214087° N LONG.=103.978100° W BOTTOM HOLE LOCATION Y=441987.5 N X=604188.6 E LAT.=32.214692° N LONG.=103.996449° W PENETRATION POINT Y=442012.8 N X=608822.9 E LAT.=32.214721° N LONG.=103.981464° W CORNER COORDINATES TABLE <table border="1"> <tr><td>A</td><td>-</td><td>Y=442982.3 N</td><td>X=603852.8 E</td></tr> <tr><td>B</td><td>-</td><td>Y=443013.2 N</td><td>X=609146.1 E</td></tr> <tr><td>C</td><td>-</td><td>Y=443011.8 N</td><td>X=610470.3 E</td></tr> <tr><td>D</td><td>-</td><td>Y=441683.8 N</td><td>X=610477.5 E</td></tr> <tr><td>E</td><td>-</td><td>Y=441684.7 N</td><td>X=609155.0 E</td></tr> <tr><td>F</td><td>-</td><td>Y=441655.2 N</td><td>X=603860.6 E</td></tr> </table>	A	-	Y=442982.3 N	X=603852.8 E	B	-	Y=443013.2 N	X=609146.1 E	C	-	Y=443011.8 N	X=610470.3 E	D	-	Y=441683.8 N	X=610477.5 E	E	-	Y=441684.7 N	X=609155.0 E	F	-	Y=441655.2 N	X=603860.6 E	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. MARCH 28, 2013 Date of Survey Signature <i>[Signature]</i> GARY EDISON Surveyor. NEW MEXICO 12841 RECEIVED 3/25/13 Certificate Number 12641 PROFESSIONAL EDISON 3239 BRL JWSC W O 13 11 0231
A	-	Y=442982.3 N	X=603852.8 E																						
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Permit Comments

Operator: OXY USA INC , 16696

Well: CEDAR CANYON 16 STATE #006H

API: 30-015-41595

Created By	Comment	Comment Date
STEWARTD	Penetration Point (Top Producing Interval)-1650 FSL 330 FEL I Sec 16 T24S R29E- Lat:32.214721 Long:103.981464 - This well is proposed to be completed in the 2nd Bone Spring. The H Buck State #5, 30-015-35042 and Cedar Canyon 16 1H, 30-015-39856 are completed in the 1st Bone Spring	8/6/2013
STEWARTD	Mud-0-370' Fresh Water/Spud Mud - 370-3100' NaCl Brine - 3100-TD Cut Brine/ Salt Gel Starch. BOP-13-5/8" 10M three ram stack w/ 5M annular preventer, 5M choke manifold.	8/6/2013
STEWARTD	A closed loop system will be utilized consisting of above ground steel tanks and haul-off bins. Disposal of liquids, drilling fluids and cuttings will be disposed of at an approved facility.	8/6/2013
RDADE	CLOSED LOOP SYSTEM MUST BE USED	8/7/2013

Permit Conditions of Approval

Operator: OXY USA INC , 16696

Well: CEDAR CANYON 16 STATE #006H

API: 30-015-41595

OCD Reviewer	Condition
RDADE	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
RDADE	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string