

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-8161 Fax:(505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-8178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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

Form C-101
August 1, 2011
Permit 193002

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
4. Property Code 39668		3. API Number 30-015-42683
5. Property Name CEDAR CANYON 16 STATE		6. Well No. 012H

7. Surface Location

UL - Lot	M	Section	15	Township	24S	Range	29E	Lot Idn	Feet From	900	N/S Line	S	Feet From	860	E/W Line	W	County	Eddy
----------	---	---------	----	----------	-----	-------	-----	---------	-----------	-----	----------	---	-----------	-----	----------	---	--------	------

8. Proposed Bottom Hole Location

UL - Lot	M	Section	16	Township	24S	Range	29E	Lot Idn	M	Feet From	910	N/S Line	S	Feet From	180	E/W Line	W	County	Eddy
----------	---	---------	----	----------	-----	-------	-----	---------	---	-----------	-----	----------	---	-----------	-----	----------	---	--------	------

9. Pool Information

CORRAL DRAW;BONE SPRING	96238
-------------------------	-------

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 2926
16. Multiple N	17. Proposed Depth 14370	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 10/20/2014
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 Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	11.75	47	440	350	0
Int1	10.625	8.625	32	2975	850	0
Prod	7.875	5.5	17	14370	1520	1975

Casing/Cement Program: Additional Comments

Proposed Mud Program: 0-440' Fresh Water/Spud Mud - 440-2975' Fresh Water/NaCl Brine - 2975-14370' Cut Brine/Sweeps. BOP Program 13-5/8" 10M three ram stack w/ 5M annular, 5M choke manifold. Additional information will be sent along with the H2S plan.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	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: Karen M Sinard Title: _____ Email Address: karen_sinard@oxy.com Date: 9/25/2014	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 9/25/2014 Expiration Date: 9/25/2016 Conditions of Approval Attached
Phone: 713-366-5485	

District I
1623 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 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

API Number 30-015-		Pool Code 96238	Pool Name Coral Draw Bone Springs
Property Code 39668	Property Name CEDAR CANYON "16" STATE		Well Number 12H
OGRID No. 16696	Operator Name OXY USA INC.		Elevation 2926.4'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	24 SOUTH	29 EAST, N.M.P.M.		900'	SOUTH	860'	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
M	16	24 SOUTH	29 EAST, N.M.P.M.		910'	SOUTH	180'	WEST	EDDY
Dedicated Acres 160		Joint or Infill Y	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 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. Signature: <u>David Stewart</u> Date: <u>9/24/14</u> Printed Name: <u>David Stewart SR. Rep. Oxy.</u> E-mail Address: <u>david_stewart@oxy.com</u>	
SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from <u>actual</u> 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: <u>JUNE 19, 2014</u> Signature and Seal: <u>[Signature]</u> Professional Surveyor: <u>15079</u>				Professional Land Surveyor Certificate Number: <u>15079</u> WO# 140619WL-a (KA)	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 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 APD Comments

Permit 193002

PERMIT COMMENTS

Operator Name and Address: OXY USA INC [16696] PO Box 4294 Houston, TX 77210		API Number: 30-015-42683
		Well: CEDAR CANYON 16 STATE #012H

Created By	Comment	Comment Date
STEWARTD	Surface Location-900 FSL 860 FWL M-15-24S-29E Lat:32.2126294 Long:103.9776087 - Top Producing Interval-898 FSL 335 FEL P-16-24S-29E Lat:32.2126308 Long:103.9814724 - Bottom Producing Interval-910 FSL 335 FWL M-16-24S-29E Lat:32.2126353 Long:103.9964007. 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.	9/25/2014
STEWARTD	The wells listed below are either permitted, drilled or completed in the following pools and formations. 1. H. Buck State #6 - 30-015-28636 - Cedar Canyon Delaware (11540) Brushy Canyon-TVD 6501' Ut P 2. H. Buck State #10 - 30-015-34695 - Pierce Crossing Bone Spring, E.(96473) 1st Bone Spring-TVD 7723' Ut P-O-N-M 3. Cedar Canyon 16 St #1H - 30-015-39856 - Corral Draw Bone Spring (96238) 1st Bone Spring-TVD 7685' Ut D-E-L-M 4. Cedar Canyon 16 St #2H - 30-015-41024 - Corral Draw Bone Spring (96238) 2nd Bone Spring-TVD 8634' Ut P-O-N-M	9/25/2014
STEWARTD	The wells listed below are either permitted, drilled or completed in the following pools and formations. 5. Cedar Canyon 16 St #9H - 30-015-42061 - Cedar Canyon Delaware (11540) Brushy Canyon-TVD 5215' Ut D-E-L-M 6. Cedar Canyon 16 St #10H - 30-015-42055 - Pierce Crossing Bone Spring, E.(96473) 3rd Bone Spring-TVD 9856' Ut C-F-K-N 7. Cedar Canyon 16 St #11H - 30-015-42062 - Cedar Canyon Delaware (11540) Brushy Canyon-TVD 5220' Ut C-F-K-N	9/25/2014
CSHAPARD	Land s/s	9/25/2014

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 476-3482

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

Form APD Conditions

Permit 193002

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: OXY USA INC [16696] PO Box 4294 Houston, TX 77210		API Number: 30-015-42683
		Well: CEDAR CANYON 16 STATE #012H
OCD Reviewer	Condition	
CSHAPARD	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	