

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 C-101
August 1, 2011
Permit 226202

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 316273		3. API Number 30-015-43915
5. Property Name CEDAR CANYON 22-15 FEE		6. Well No. 033H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	22	24S	29E		1107	N	1052	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	15	24S	29E	B	180	N	1700	E	Eddy

9. Pool Information

PIERCE CROSSING;WOLFCAMP	50373
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 2934
16. Multiple N	17. Proposed Depth 17147	18. Formation Wolfcamp	19. Contractor	20. Spud Date 11/29/2016
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	10.75	40.5	400	265	0
Prod	9.875	7.625	29.7	10294	1963	0
Liner1	6.75	4.5	13.5	17147	679	10194

Casing/Cement Program: Additional Comments

Proposed Casing/Cementing Program: Production 1 – Contingency DVT/ECP @ +/- 3067'. If cement circulates to surface during primary cementing operation, DVT cancellation cone will be run and 2nd stage cancelled. Proposed Production Casing consisting of 7-5/8" 29.7# L80 BTC @ 0-8994' followed by 7-5/8" 29.7# HCL80 @ 8994-10294'. Proposed Mud Program: 0-400' EnerSeal (MMH) - 400-3067' Brine - 3067-10294' EnerSeal (MMH) - 10294'-TD Oil Based Mud. BOP Program: 13-5/8" 10M three ram stack w/ 5M annular preventer, 5M choke manifold. Additional information will be sent along with the H2S plan.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Double Ram	10000	10000	

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:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by KELLEY MONTGOMERY Title: Manager Regulatory Email Address: kelly_montgomery@oxy.com Date: 9/26/2016	Approved By: Paul Kautz Title: Geologist Approved Date: 9/27/2016 Expiration Date: 9/27/2018 Conditions of Approval Attached

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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 50373	Pool Name Pierce Crossing Wolfcamp
Property Code	Property Name CEDAR CANYON "22-15" FEE	Well Number 33H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 2934.2'

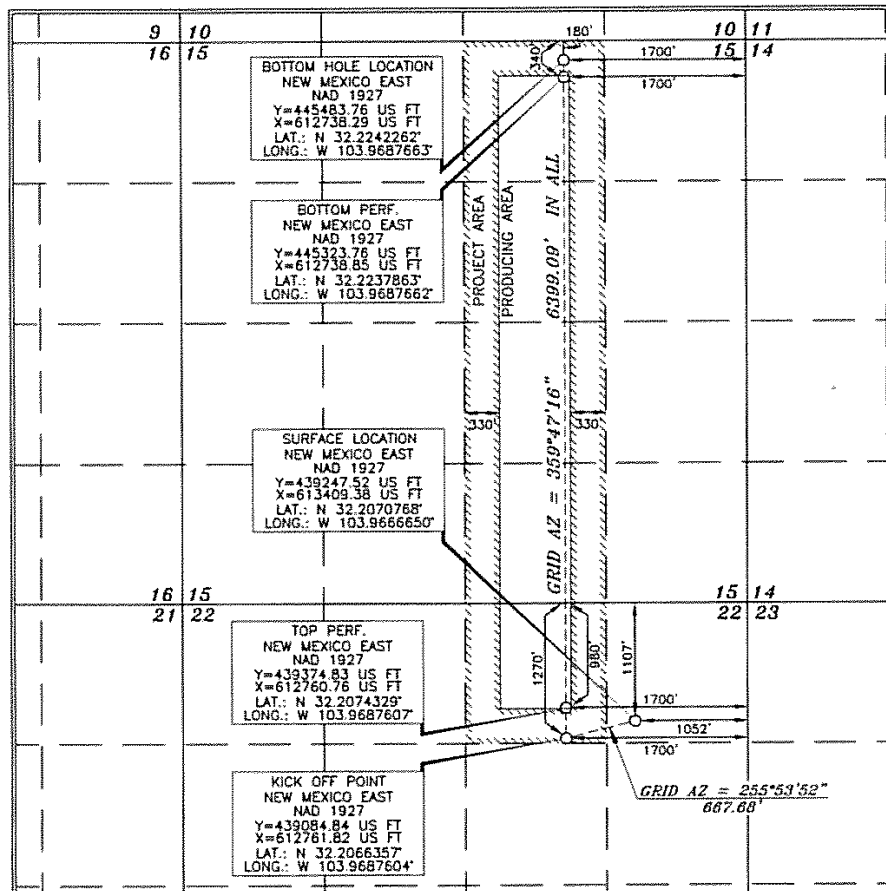
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	22	24 SOUTH	29 EAST, N.M.P.M.		1107'	NORTH	1052'	EAST	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
B	15	24 SOUTH	29 EAST, N.M.P.M.		180'	NORTH	1700'	EAST	EDDY
Dedicated Acres 200		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 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: *David Stewart* Date: **9/26/16**
Printed Name: **David Stewart Sr. Reg. Adv.**
E-mail Address: **david.stewart@oxy.com**

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.

Date of Survey: **MAY 3, 2016**
Signature and Seal of Professional Surveyor: *Terry J. Ass...*

Certificate Number: **15079**

WO# 160503WL-c (KA)

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Form APD Comments

Permit 226202

PERMIT COMMENTS

Operator Name and Address: OXY USA INC [16696] PO Box 4294 Houston, TX 77210		API Number: 30-015-43915
		Well: CEDAR CANYON 22-15 FEE #033H
Created By	Comment	Comment Date
stewartd	Top Perforated Interval: 980 FNL 1700 FEL B 22-24S-29E - Lat: 32.2074329 Long: 103.9687607 Bottom Perforated Interval: 340 FNL 1700 FEL B 15-24S-29E - Lat: 32.2237863 Long: 103.9687662 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.	9/14/2016

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Form APD Conditions

Permit 226202

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: OXY USA INC [16696] PO Box 4294 Houston, TX 77210		API Number: 30-015-43915
		Well: CEDAR CANYON 22-15 FEE #033H
OCD Reviewer	Condition	
pkautz	Will require a directional survey with the C-104	
pkautz	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	
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.	