

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) 476-3462

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 180974

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 40380		3. API Number 30-025-41646
5. Property Name ROAD RUNNER 7 STATE		6. Well No. 001H

7. Surface Location

UL - Lot L	Section 7	Township 22S	Range 33E	Lot Idn 3	Feet From 1700	N/S Line S	Feet From 165	E/W Line W	County Lea
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8. Proposed Bottom Hole Location

UL - Lot I	Section 7	Township 22S	Range 33E	Lot Idn I	Feet From 1700	N/S Line S	Feet From 330	E/W Line E	County Lea
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9. Pool Information

RED TANK;BONE SPRING, EAST	51687
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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 3616
16. Multiple N	17. Proposed Depth 15165	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 3/4/2014
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	650	500	0
Int1	10.625	8.625	32	2600	640	0
Prod	7.875	5.5	17	15165	1700	1600

Casing/Cement Program: Additional Comments

Proposed Mud Program: 0-650' Fresh Water/Spud Mud - 650-2600' Fresh Water/NaCl Brine - 2600-15165' 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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Keith Barton	Approved By: Paul Kautz
Title: Regulatory Team Leader	Title: Geologist
Email Address: keith_barton@oxy.com	Approved Date: 2/5/2014 Expiration Date: 2/5/2016
Date: 2/4/2014 Phone: 713-350-4959	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 51607	Pool Name Red Tank Bone Spring, East
Property Code	Property Name RIDGE RUNNER "7" STATE	Well Number 1H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3615.6'

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	7	22 SOUTH	33 EAST, N.M.P.M.		1700'	SOUTH	165'	WEST	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
I	7	22 SOUTH	33 EAST, N.M.P.M.		1700'	SOUTH	330'	EAST	LEA
Dedicated Acres 1.60	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.

<p>SURFACE LOCATION NEW MEXICO EAST NAD 1927 Y=511306.4 X=720529.4 LAT.: N 32.4036696° LONG.: W 103.6187957°</p>			<p>PENETRATION POINT NEW MEXICO EAST NAD 1927 Y=511307.3 X=720694.4 LAT.: N 32.4036690° LONG.: W 103.6182612°</p>			<p>BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=511331.7 X=725195.7 LAT.: N 32.4036526° LONG.: W 103.6036768°</p>								
<p>PROJECT AREA PRODUCING AREA GRID AZ = 89°41'19" 4666.43' IN ALL</p>														
<p>330' 330' 330' 1700' 1700' 1700'</p>														

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: 2/4/14
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 original 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: JANUARY 2, 2014
Signature and Seal of Professional Surveyor: Terry J. Paul
Certificate Number: 15079

WO# 140102WL (KA)

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Form APD Comments
Permit 180974

PERMIT COMMENTS

Operator Name and Address: OXY USA INC [16696] PO Box 4294 Houston, TX 77210	API Number: 30-025-41646
	Well: ROAD RUNNER 7 STATE #001H

Created By	Comment	Comment Date
STEWARTD	Penetration Point: 1700 FSL 330 FWL L Sec 7 T22S R33E - Lat:32.4036690 Long:103.6182612. 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.	2/4/2014
CSHAPARD		2/4/2014
pkautz	Land s/S	2/4/2014

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Form APD Conditions

Permit 180974

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: OXY USA INC [16696] PO Box 4294 Houston, TX 77210	API Number: 30-025-41646
	Well: ROAD RUNNER 7 STATE #001H

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	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
pkautz	1) SURFACE & INTERNEMIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water