

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 190639

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 304903		3. API Number 30-025-42042
5. Property Name NBR 7 State		6. Well No. 004H

7. Surface Location

UL - Lot	B	Section	18	Township	22S	Range	33E	Lot Idn	Feet From	370	N/S Line	N	Feet From	2250	E/W Line	E	County	Lea
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8. Proposed Bottom Hole Location

UL - Lot	B	Section	7	Township	22S	Range	33E	Lot Idn	B	Feet From	180	N/S Line	N	Feet From	2150	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 3610
16. Multiple N	17. Proposed Depth 15149	18. Formation 1st Bone Spring Sand	19. Contractor	20. Spud Date 10/1/2014
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	975	760	0
Int1	10.625	8.625	32	4825	820	0
Prod	7.875	5.5	17	15149	1480	3825

Casing/Cement Program: Additional Comments

Proposed Mud Program: 0-975' Fresh Water/Spud Mud - 975-4825' Fresh Water/NaCl Brine - 4825-15149' 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.
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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: 8/12/2014	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 8/14/2014 Expiration Date: 8/14/2016 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, 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 30-025-	Pool Code 51687	Pool Name Red Tank Bone Spring, East
Property Code	Property Name NBR "7" STATE	Well Number 4H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3610.0'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	22 SOUTH	33 EAST, N.M.P.M.		370'	NORTH	2250'	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
B	7	22 SOUTH	33 EAST, N.M.P.M.		180'	NORTH	2150'	EAST	LEA
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. <i>[Signature]</i> 8/12/14 Signature Date David Stewart Sr. Reg. Adm. Printed Name David.Stewart@oxy.com E-mail Address SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from the original or actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. ERRY J. ASS 15079 15079 Date of Survey 7/16/2014 Signature and Seal of Professional Surveyor <i>[Signature]</i> Certificate Number 15079 WO# 120925WL-b (Rev. C) (NA)
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Form APD Comments

Permit 190639

PERMIT COMMENTS

Operator Name and Address: OXY USA INC [16696] PO Box 4294 Houston, TX 77210		API Number: 30-025-42042
		Well: NBR 7 State #004H
Created By	Comment	Comment Date
STEWARTD	Top Producing Interval - 330 FSL 2237 FEL (O) 7-22S-33E - Lat:32.3998923 Long:103.6098509. - Bottom Producing Interval - 330 FNL 2153 FEL (B) 7-22S-33E - Lat:32.4125916 Long:103.6095919. - 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.	8/12/2014

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Form APD Conditions

Permit 190639

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: OXY USA INC [16696] PO Box 4294 Houston, TX 77210	API Number: 30-025-42042
	Well: NBR 7 State #004H

OCD Reviewer	Condition
DMULL	Will require a directional survey with the C-104
DMULL	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.
pkautz	1) SURFACE & INTERMEDIATE 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