

**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  
August 1, 2011  
Permit 244621

**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 30-025-44193
4. Property Code 319659	5. Property Name RED TANK 30 31 STATE COM	6. Well No. 014H

**7. Surface Location**

UL - Lot A	Section 30	Township 22S	Range 33E	Lot Idn A	Feet From 200	N/S Line N	Feet From 710	E/W Line E	County Lea
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**8. Proposed Bottom Hole Location**

UL - Lot P	Section 31	Township 22S	Range 33E	Lot Idn P	Feet From 180	N/S Line S	Feet From 380	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 3663
16. Multiple N	17. Proposed Depth 19588	18. Formation 1st Bone Spring Sand	19. Contractor	20. Spud Date 6/6/2018
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	17.5	13.375	54.5	1089	923	0
Int1	12.25	9.625	43.5	8831	1957	0
Prod	8.5	5.5	20	19588	1817	8331

**Casing/Cement Program: Additional Comments**

Proposed Casing/Cementing Program: Intermediate 1 – Contingency DVT/ECP @ +/- 4941'. If cement circulates to surface during primary cementing operation, DVT cancellation cone will be run and 2nd stage cancelled. Proposed Intermediate 1 Casing consisting of 9-5/8" 47# HCL-80 BTC @ 7500-8831' followed by 9-5/8" 43.5# HCL-80 BTC @ 0-7500'. Proposed Mud Program: 0-1089' Water-Based Mud - 1089-4941' Brine - 4941-8831' Water-Based Mud - 8831'-TD Oil Based Mud. BOP Program: 13-5/8" 5M three ram stack w/ 5M annular preventer, 5M choke manifold. Additional information will be sent along with the H2S and Gas Capture Plan.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Double Ram	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 KELLEY MONTGOMERY

Title: Manager Regulatory

Email Address: kelley\_montgomery@oxy.com

Date: 11/13/2017

Phone: 713-366-5716

**OIL CONSERVATION DIVISION**

Approved By: Paul Kautz

Title: Geologist

Approved Date: 11/14/2017

Expiration Date: 11/14/2019

Conditions of Approval Attached

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1623 N. French Dr., Hobbs, NM 88240  
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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 <b>30-025-</b>	Pool Code <b>51607</b>	Pool Name <b>Red Tank Bone Spring, East</b>
Property Code <b>319659</b>	Property Name <b>RED TANK "30-31" STATE</b>	Well Number <b>14H</b>
OGRID No. <b>16696</b>	Operator Name <b>OXY USA INC.</b>	Elevation <b>3662.5'</b>

**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	30	22 SOUTH	33 EAST, N.M.P.M.		200'	NORTH	710'	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
P	31	22 SOUTH	33 EAST, N.M.P.M.		180'	SOUTH	380'	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
<b>320</b>	<b>Y</b>		

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><b>OPERATOR CERTIFICATION</b></p> <p>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 undivided 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.</p> <p><i>David Stewart</i> 11/13/17 Signature Date <b>David Stewart Sr. Reg. Adv.</b> Printed Name <b>david_stewart@oxy.com</b> E-mail Address</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from a true copy of actual surveys made by me or under my supervision, and that the same are true and correct to the best of my belief.</p> <p><b>TERRY J. ASH</b> 15079 Date of Survey <b>SEPTEMBER 10, 2015</b> Signature and Seal of Professional Land Surveyor <i>Terry J. Ash</i> 9/29/2015 Certificate Number 15079</p> <p>WO# 170918WL-a (1A)</p>
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Form APD Comments

Permit 244621

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

**PERMIT COMMENTS**

Operator Name and Address: OXY USA INC [16696] PO Box 4294 Houston, TX 77210	API Number: 30-025-44193
	Well: RED TANK 30 31 STATE COM #014H

Created By	Comment	Comment Date
stewardt	Top Perforated Interval: 340 FNL 380 FEL A30-22S-33E - Lat: 32.3691438 Long: 103.6042856 Bottom Perforated Interval: 340 FSL 380 FEL P 31-22S-33E - Lat: 32.341987 Long: 103.6042583 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.	11/13/2017
stewardt	OXY requests the option to contract a Surface Rig to drill, set surface casing, and cement for this well. If the timing between rigs is such that OXY would not be able to preset surface, the Primary Rig will MIRU and drill the well in its entirety per the APD. Additional information on the spudder will be sent.	11/13/2017

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Form APD Conditions

Permit 244621

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**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: OXY USA INC [16696] PO Box 4294 Houston, TX 77210	API Number: 30-025-44193
	Well: RED TANK 30 31 STATE COM #014H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
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.
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	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 20 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	If an APD expires and if site construction has occurred, site remediation is required.
pkautz	Stage Tool - 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.
pkautz	Gas Capture Plan - Operator to Submit Gas Capture Plan ASAP.