

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 202138

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address OXY USA WTP LIMITED PARTNERSHIP PO Box 4294 Houston, TX 77210		2. OGRID Number 192463
4. Property Code 302156		3. API Number 30-015-43021
5. Property Name OXY Bulldog State		6. Well No. 003H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	16	20S	28E		1510	S	330	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
L	16	20S	28E	L	1706	S	180	W	Eddy

9. Pool Information

OLD MILLMAN RANCH;BS (ASSOC)	48035
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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 3270
16. Multiple N	17. Proposed Depth 12262	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 9/1/2015
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	18.5	16	75	290	310	0
Int1	14.75	11.75	47	1075	660	0
Int2	10.625	8.625	32	3175	1100	0
Prod	7.875	5.5	17	12262	1290	2175

Casing/Cement Program: Additional Comments

Proposed Mud Program: 0-290' Fresh Water/Spud Mud - 290-1075' Fresh Water/NaCl Brine - 1075-3175' Fresh Water - 3175-TD Cut Brine/Sweeps. Proposed Casing/Cementing Program: Intermediate 2 - Contingency DV Tool w/ external packer @ 1125'. If cement circulates to surface during primary cementing operation, DVT cancellation cone will be run and 2nd stage cancelled. BOP Program: 290-1075' - 16-3/4" 2M annular preventer - 1075-TD - 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	
Blind	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: _____ Printed Name: Electronically filed by Teresa L Jackson Title: Regulatory Team Lead Email Address: Teresa_Jackson@oxy.com Date: 3/31/2015	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 4/1/2015 Expiration Date: 4/1/2017 Conditions of Approval Attached
Phone: 713-366-5069	

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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 30-015-	Pool Code 48035	Pool Name Old M. Uman Ranch Bone Spring (Assoc)
Property Code	Property Name OXY BULLDOG STATE	Well Number 3H
OGRID No. 192463	Operator Name OXY USA WTP LP	Elevation 3269.7'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	16	20 SOUTH	28 EAST, N.M.P.M.		1510'	SOUTH	330'	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
L	16	20 SOUTH	28 EAST, N.M.P.M.		1706'	SOUTH	180'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160	N		

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.

BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=571422.1 X=544065.4 LAT.: N 32.5708648° LONG.: W 104.1902914° LAST PERF. NEW MEXICO EAST NAD 1927 Y=571423.1 X=544225.4 LAT.: N 32.5708670° LONG.: W 104.1897720° FIRST PERF. NEW MEXICO EAST NAD 1927 Y=571399.1 X=548143.3 LAT.: N 32.5707857° LONG.: W 104.1770538° SURFACE LOCATION NEW MEXICO EAST NAD 1927 Y=571249.1 X=548897.3 LAT.: N 32.5703703° LONG.: W 104.1746070° PROJECT AREA PRODUCING AREA GRID AZ = 270°21'03" 3918.07' GRID AZ = 269°38'31" 160.00' GRID AZ = 281°15'05" 768.78' 330' 1085' 330' 1663' 1510'				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>3/31/15</u> Printed Name: <u>David Stewart Sr. Pres. M.U.</u> E-mail Address: <u>david_stewart@oxy.com</u> SURVEYOR CERTIFICATION I hereby certify that the location shown on this plat was plotted from the field notes of the 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>JANUARY 30, 2014</u> Signature and Seal: <u>Terry J. Paul</u> Professional Surveyor: <u>15079</u> Certificate Number: <u>15079</u> WO# 140130WL-c (Rev. A) (KA)
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Form APD Comments

 Permit 202138

PERMIT COMMENTS

Operator Name and Address: OXY USA WTP LIMITED PARTNERSHIP [192463] PO Box 4294 Houston, TX 77210		API Number: 30-015-43021
		Well: OXY Bulldog State #003H

Created By	Comment	Comment Date
DAVIDSTEWART	Top Perforated Interval: 1663 FSL 1085 FEL I 16-20S-28E - Lat: 32.5707857 Long: 104.1770538 Bottom Perforated Interval: 1706 FSL 340 FWL L 16-20S-28E - Lat: 32.570867 Long: 104.189772 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.	3/31/2015

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Form APD Conditions

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PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: OXY USA WTP LIMITED PARTNERSHIP [192463] PO Box 4294 Houston, TX 77210	API Number: 30-015-43021
	Well: OXY Bulldog State #003H

OCD Reviewer	Condition
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