District | 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

TRIPLE X;BONE SPRING, WEST

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

96674

Permit 199712

1. Operato	OXY	e and Address USA INC							2. OGRID Number 16696		
		Box 4294 ston, TX 77210							3. API Number 30-025-42439)	
4. Propert	y Code 3141		5. Pr	operty Name COPPERHEAD	18 DM CN STAT	ΓE			6. Well No. 001H		
					7. Sur	face Location					
UL - Lot	С	Section 18	Township 24S	Range 33E	Lot Idn	Feet From 150	N/S Line N	Feet From 142	E/W Line W	County	Lea
					8. Proposed E	Bottom Hole Locat	ion				
UL - Lot		Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
	N	18	248	33E	N	180	S	14:	20 W		Lea

		Additional Well Information		
11. Work Type	12. Well Type	13. Cable/Rotary	14. Lesse Type	15. Ground Level Elevation
New Well	OIL		State	3570

16. Multiple 17. Proposed Depth 19. Contractor 20. Spud Date 18. Formation 2nd Bone Spring Carbonate 3/10/2015 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

				Z I. FTOPOSCU Cusing	and Cement Frogram		
	Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	Surf	14.75	11.75	47	1216	740	0
2	Int1	10.625	8.625	32	5000	1265	0
	Prod	7.875	5.5	17	15785	1545	4000

Casing/Cement Program: Additional Comments

Proposed Mud Program: 0-1216' Fresh Water/Spud Mud - 1216-5000' Fresh Water/NaCl Brine - 5000-15785' Cut Brine/Sweeps. 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
Double Ram	10000	10000	1111111111
Annular	5000	5000	

knowledge and b	pelief. I have complied with 19.15.14.9	e is true and complete to the best of my (A) NMAC ⊠ and/or 19.15.14.9 (B)		OIL CONSERVATI	ON DIVISION
Printed Name:	Electronically filed by Teresa	L Jackson	Approved By:	Paul Kautz	
Title:	Regulatory Team Lead		Title:	Geologist	24
Email Address:	Teresa_Jackson@oxy.com	25	Approved Date:	2/13/2015	Expiration Date: 2/13/2017
Date:	2/12/2015	Phone: 713-366-5069	Conditions of App	proval Attached	•

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1000 Eta Brains Road, Arises, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV.

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

1220 S. St. Francis Phone: (505) 476-3	Dr., Santa l 1460 Fax: (5	Fa, NIM 873 (25) 476-34	05 162			,				Ц	AMEN.	DED REPORT
			и	VELL LOCATI	ON AND) ACF	REAGE D	<i>EDICATIO</i>	NPLAT			e
	AP	Numbe			Code				Pool Name			
30-02	5-			alele"	74	.	Tuiple	X Bone	e Spain	ح . (یا	est	
Property Code Property Name							1		'ell Number			
OOT DIGITIES TO DIE ON DITTIES						1H						
	UD No.					Operator					-	Elevation
166	96		<u> </u>		OX.	Y US	A INC.				35	569.9'
					Surfa	ace Lo	ocation					
UL or lot no.	Section	To	wnship	Range		Lot Ida	Feet from the	North/South line	Feet from the	East/We	st line	County
С	18	24	SOUTH	33 EAST, N.	М.Р.М.		150'	NORTH	1420'	WES	T	LEA
				Bottom Ho.	le Locatio							
UL or lot no.			ownship	Range		Lot Ida		North/South line		East/We		County
N	18	24	SOUTH	33 EAST, N.	М.Р.М.		180'	SOUTH	1420'	WES	T	LEA
Dedicated	Acres	Join	t or Infill	Consolidation Code	Order No.	***************************************						
160)	4	ا م		NSI	L +c	be fil	e <u>4</u>				
No allowa	ble wi	II be a	ssigned to	this completion w	ntil all inter	ests ha	ve been cons	solidated or a	non-standard	unit has b	een appr	oved by the
division.		u:	2435	-								
<u> </u>	***********		150 VERIO	ymmmmm.			1			PERATOR (TEOTIFICA	TON
	1420'	1 141	SLAX.	41461 \$[SURFACE I	LOCATION	╗ !					
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			10 m		LAT.: N 32. LONG.: W 10	3.614728	38'		<u>) 40:</u>	<u>2 Hew</u>	ant?	DR. KES.AZU,
			63						عدن	1_5+a	vent@	ary.com
							1		E-mail Addi	211		

SURVEYOR CERTIFICATION BOTTOM PERF. NEW MEXICO EAST NAD 1927 Y=441301.09 US FT X=722250.32 US FT LAT.: N 32.2112115 LONG.: W 103.6147406 15079 BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=441151.09 US FT X=722251.20 US FT LAT: N 32.2107992' LONG: W 103.6147410' 1420' 1420 WO∦ 141029WL-a (Rev. B) (KA) 42435-15 Bare Shing 41461-74 Bane Spains

Form APD Comments

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

Phone:(575) 393-6161 Fax:(575) 393-0720 <u>District II</u>:
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State of New Mexico **Energy, Minerals and Natural Resources** Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Permit 199712

PERMIT COMMENTS

Operator Name and Address:	API Number:
OXY USA INC [16696]	30-025-42439
PO Box 4294	Well:
Houston, TX 77210	COPPERHEAD 18 DM CN STATE #001H

Created By	Comment	Comment Date
STEWARTD	Top Perforated Interval: 330 FNL 1420 FWL C 18-24S-33E - Lat: 32.2239144 Long: 103.6147288. Bottom Perforated Interval: 330 FSL 1420 FWL N 18-24S-33E - Lat: 32.2112115 Long: 103.6147406. 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.	2/12/2015
STEWARTD	The wells listed below are either permitted, drilled, or completed in the following pool(s) and formation(s). 1. Copperhead 18 ST #3H – 30-025-41461 – Triple X Bone Spring, W. (96674) 2nd Bone Spring – TVD 11075' Ut C-F-K-N. 1. Copperhead 18 CN St #1H – 30-025-42345 – Triple X Bone Spring, W. (96674) 1st Bone Spring – TVD 9530' Ut C-F-K-N. A NSL application is being prepared and will be filed the week of 2/16/15.	2/12/2015

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Permit 199712

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
OXY USA INC [16696]	30-025-42439
PO Box 4294	Well:
Houston, TX 77210	COPPERHEAD 18 DM CN STATE #001H

OCD Reviewer	Condition
DMULL	Will require a directional survey with the C-104
DMULL	Will require a administrative order for non-standard location prior to placing the well on production.
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	1) SURFACE & INTERNEMIATE 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