

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

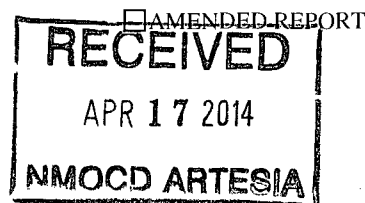
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-101
Revised July 18, 2013



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

¹ Operator Name and Address OXY USA WTP LP PO BOX 4294 HOUSTON, TX 77210		² OGRID Number 192463
		³ API Number 30-015-31363
⁴ Property Code 27580	⁵ Property Name OXY THE BUG STATE	⁶ Well No. 1

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	21	17S	28E		1160	S	1937	W	EDDY

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

⁹ Pool Information

Pool Name EMPIRE: ABO	Pool Code 22040 <input checked="" type="checkbox"/>
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Additional Well Information

¹¹ Work Type PLUGBACK	¹² Well Type OIL	¹³ Cable/Rotary R	¹⁴ Lease Type S - B1969	¹⁵ Ground Level Elevation 3619'
¹⁶ Multiple NO	¹⁷ Proposed Depth PBTD = 6950'	¹⁸ Formation BONE SPRING	¹⁹ Contractor	²⁰ Spud Date 10/04/2000
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
SUR	17.5"	13.375"	48	422'	364	0'
INT	12.25"	9.625"	36	2110'	689	0'
PROD	8.75"	7"	36	8500'	370	5750'
LINER	6.125"	4.5"		10345'	175	8159'

Casing/Cement Program: Additional Comments

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²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double 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 that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.

Signature:

Printed name: JENNIFER DUARTE

Title: REGULATORY SPECIALIST

E-mail Address: jennifer_duarte@oxy.com

Date: 04-16-2014

Phone: 713-513-6640

OIL CONSERVATION DIVISION

Approved By:

Title: **Geologist**

Approved Date: 4-17-2014

Expiration Date: 4-17-2016

Conditions of Approval Attached

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Arizonia, NM 88210

DISTRICT III
1000 Elc Brancos Rd., Artes, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87606

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT *Plug Back*

API Number 30-015-31363	Pool Code 22040	Pool Name Empire; Abo
Property Code	Property Name OXY THE BUG STATE	Well Number 1
OGRD No. 16696	Operator Name OXY USA INC.	Elevation 3619'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	21	17 S	28 E		1160	SOUTH	1937	WEST	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

Dedicated Acres 320	Joint or Infill N	Consolidation Code	Order No.
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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

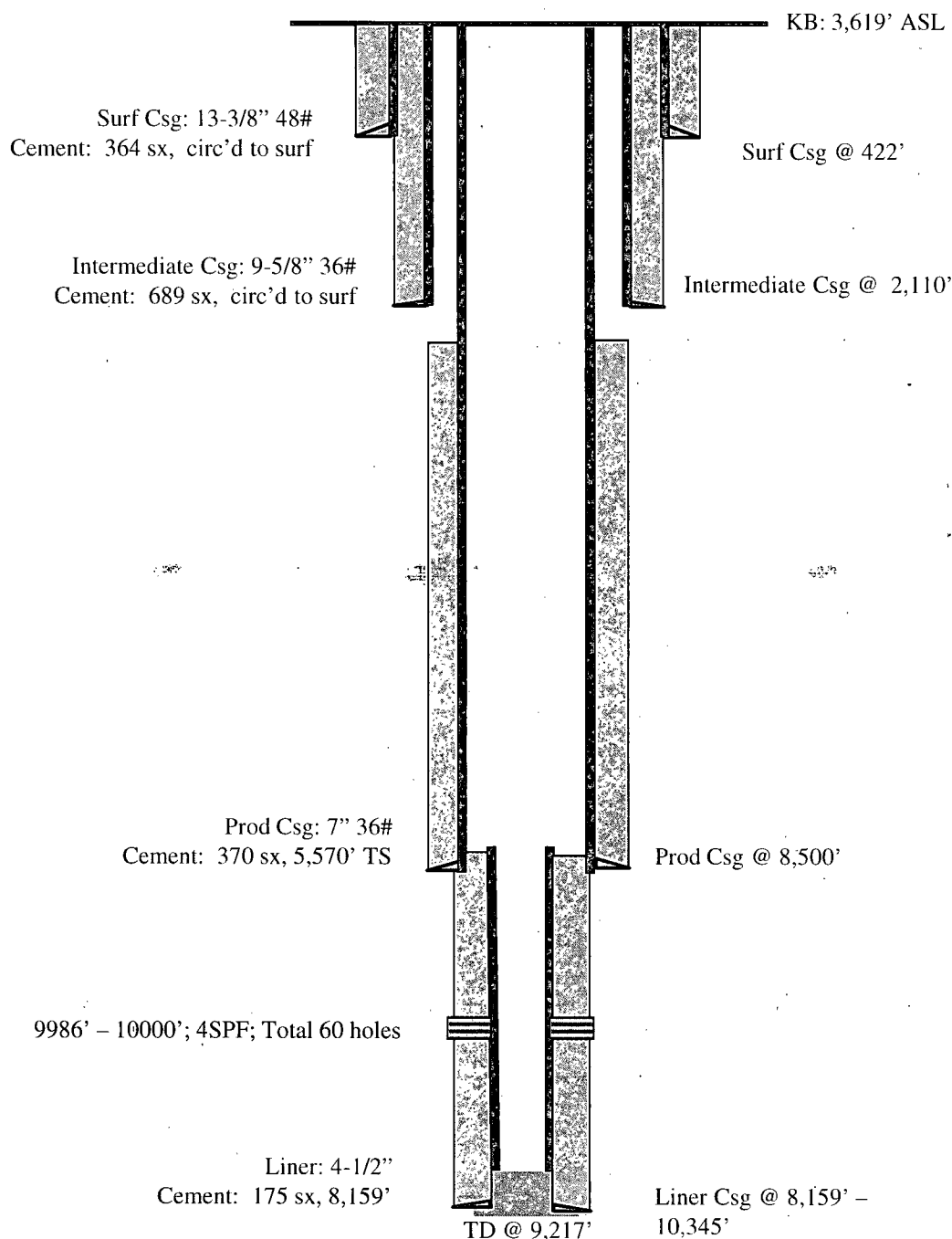
	<p>Kersey & Co. RLPSU 11-3001501488 19-3001501491</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Jennifer Duarte</i> Signature Jennifer Duarte Printed Name Regulatory Specialist Title 4/16/14 Date</p>
		<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>September 20, 2000 Date Surveyed Signature & Seal of Professional Surveyor W.D. No. 85994 Certificate No. 7977 BASIN SURVEYS</p>

ABO
The Bug State 1 Wabo Plugback Plan:

1. Clean location, set and test anchors
2. MIRU PU.
3. POOH w/ production equipment
4. LD production BHA & MU workstring BHA
5. RIH with workstring to 9935' and set CIBP w/ 40sx cmt to 9540'
6. Set cmt plug at 8550'-8109' with 50sx cmt (7" csg shoe and liner top); WOC & tag
7. Set cmt plug at 7350'-7250' with 25sx cmt (Penn); WOC & tag
8. RIH with workstring to 6950' and set CIBP
9. MIRU wireline
10. RIH & perforate Stage 1: 6778' – 6818'
11. MIRU frac crew and frac Stage 1
12. RIH and set plug at 6740'
13. RIH & perforate Stage 2: 6668' – 6709'
14. Frac Stage 2
15. RDMO frac crew
16. RIH to drill out plug and cleanout well
17. RIH w/ production equipment & tubing
18. Set pump near or below perfs (around 6900')
19. RDMO PU
20. Turn well over to production

Occidental Oil & Gas Corp – Permian Primary – North NM/Terrell RMT

Well: The Bug State #1		API: 30-015-31363	
State: New Mexico	County: Eddy	T17S R28E, Sec 21	1160' FSL & 1937' FWL
Field: Empire Penn	TD: 10,345'	PBTD: 10,320'	KB: 3,619' ASL
Casing Size:	Grade/Weight	Depth:	Cement:
13-3/8"	48#	422'	364 sx, circ'd to surf
9-5/8"	36#	2,110'	689 sx, circ'd to surf
7"	36#	8,500'	370 sx, 5,750' TS



Correct

Occidental Oil & Gas Corp – Permian Primary – North NM/Terrell RMT

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