

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

NM OIL CONSERVATION
ARTESIA DISTRICT
Form C-101
Revised July 18, 2013
SEP 18 2017
☐ AMENDED REPORT
RECEIVED

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

¹ Operator Name and Address OXY USA WTP LP P.O. Box 50250 Midland, TX 79710		² OGRID Number 192463	
⁴ Property Code		³ API Number 30015-29234	
⁵ Property Name OXY Bulldog State		⁶ Well No	

7. Surface Location

U/L - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
H	16	20S	20E		1980	north	660	east	Eddy

8. Proposed Bottom Hole Location

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

9. Pool Information

⁹ Pool Name Burton Flat Wolfcamp, North - 73520	¹⁰ Pool Code Saladar Strawn - 8442
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Additional Well Information

¹¹ Work Type PB	¹² Well Type G	¹³ Cable/Rotary N/A	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3265'
¹⁶ Multiple Y-DHC	¹⁷ Proposed Depth 10320'	¹⁸ Formation Wolfcamp-Strawn	¹⁹ Contractor N/A	²⁰ Spud Date After Perm. + Approval
²¹ Depth to Ground water		²² Distance from nearest fresh water well		²³ 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 1/2"	13 3/8"	40	416'	420	Surf-Cinc
Int	11"	8 5/8"	24-32# 23#	3046' 2902'	1975 250	" "
Prod	6 1/4"	4 1/2"	11.6#	11431'	1030	2540' Calc

Casing/Cement Program: Additional Comments

See Attached for proposed procedure & WBD	DHC to be filed
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
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: *David Stewart*

Printed name: David Stewart
 Title: Sr. Regulatory Advisor
 E-mail Address: david_stewart@oxy.com
 Date: 9/14/17 Phone: 432-6955717

OIL CONSERVATION DIVISION

Approved By: *Raymond J. Dordang*
 Title: Geologist
 Approved Date: 9-18-17 Expiration Date: 9-18-19
 Conditions of Approval Attached

Attachment C-101

OXY USA WTP LP

OXY Bulldog State #1 - 30-015-29234

- Rig Up Well service Unit
- Check for pressures in the well
- Nipple down wellhead and nipple up BOP
- Move in work string , offload and tally
- Pick up 3 13/16" bit and scraper . RIH to 9378 ' . Drill cement retainer @ ~ 8381' and excess of squeeze 9500'
- RIH & tag CIBP @ 10582', M&P 15sx CI H cmt to new PBTD @ ~ 10417'.
- Circulate kill fluid 10 ppg and retest casing 500 psi .Check pressure test value before start operations with PE.
- Pull out of the hole BHA.
- MIRU Wireline Unit and Lubricator
- RIH guns with (SPF,Phase deg TBD), correlate depth and perforate Strawn @ 10,319-10328'. Check well
- Pull up and perforate WC D @ 9204-9217' with (SPF,Phase Deg TBD). Check Well
- Pull and perforate WC C @ 9079-9103' with (SPF, Phase Deg TBD). Check well
- Pull out wireline. RDMO Wire Line Truck
- Pick up Plug and Packer and RIH
- Set plug and packer (isolates strwn perfs)
- MIRU acid truck and acidize Strawn Perfs
- Release plug and packer and move up hole (Isolate WC D perfs)
- Acidize WC D Perf
- Release plug and packer and move up hole (Isolate WC C perfs)
- Acidize WC C Perf
- RDMO Acid Trucks
- Pull out plug and packer laying down work string
- Pick Up and run in to the hole with 2-3/8" tubing , packers and valves for Gas Lift Installation
- Set packer 9050', hang well on.
- Nipple down BOP and Nipple up Wellhead
- Rig Down and mobilize well service uit
- RTP

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

State of New Mexico **NM OIL CONSERVATION** Form C-102
Energy, Minerals & Natural Resources Department ARTESIA DISTRICT Revised August 1, 2011
OIL CONSERVATION DIVISION SEP 18 2017 Submit one copy to appropriate District Office
1220 South St. Francis Dr.
Santa Fe, NM 87505
RECEIVED ☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-29234	² Pool Code 84412	³ Pool Name Saladan Strawn
⁴ Property Code	⁵ Property Name OKY Bulldog State	⁶ Well Number 1
⁷ OGRID No. 192463	⁸ Operator Name OKY USA WTP LP	⁹ Elevation 3265

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	16	20S	28E		1980	North	660	east	Eddy

¹¹ 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

¹² Dedicated Acres 320	¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ 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>¹⁷ OPERATOR CERTIFICATION</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 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.</p> <p>Signature: <i>David Stewart</i> Date: 9/14/17 Printed Name: David Stewart SR. Reg. Adv. E-mail Address: david_stewart@oky.com</p>
	<p>¹⁸ 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>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
	<p>Certificate Number</p>

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Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
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NM OIL CONSERVATION
ARTESIA DISTRICT

Form C-102

SEP 18 2017 Revised August 1, 2011

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District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-29234	² Pool Code 73520	³ Pool Name Bunton Flat Wolfcamp, North
⁴ Property Code	⁵ Property Name OXY Bulldog State	⁶ Well Number 1
⁷ OGRID No. 192463	⁸ Operator Name OXY USA WTP LP	⁹ Elevation 3265

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	16	20S	28E		1980	North	660	east	Eddy

¹¹ Bottom Hole Location If Different From Surface

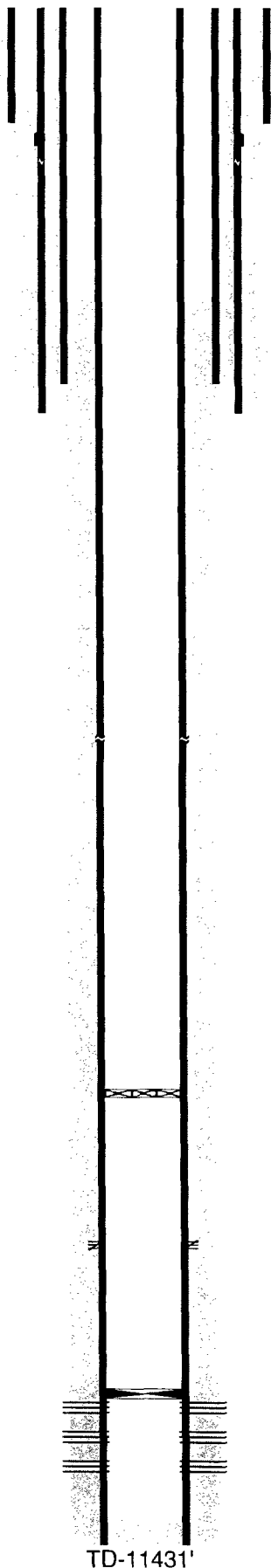
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

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		9/14/17 Date
	David Stewart Sr. Reg. Ado. Printed Name	
	david_stewart@oxy.com E-mail Address	
¹⁸ SURVEYOR CERTIFICATION 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.	Date of Survey	
	Signature and Seal of Professional Surveyor:	
	Certificate Number	

OXY USA WTP LP - Current
OXY Bulldog State #1
API No. 30-015-29234



17-1/2" hole @ 416'
13-3/8" csg @ 416'
w/ 420sx-TOC-Surf-Circ

Csg part @ 1272' & 1432', sqz w/ 500sx cmt

7" csg @ 2902'
w/ 250sx-TOC-Surf-Circ

11" hole @ 3050'
8-5/8" csg @ 3046'
DVT @ 1210'
w/ 1975sx-TOC-Surf-Circ

4/12-csg lk @ 5810-5842'
sqz w/ 490sx cmt-TOC-2540'-Calc

CR @ 8381'

4/12-Perf @ 9500', sqz w/415sx cmt TOC-5852'-TS

6-1/4" hole @ 11431'
4-1/2" csg @ 11431'
w/ 125sx-TOC-9566'-CBL

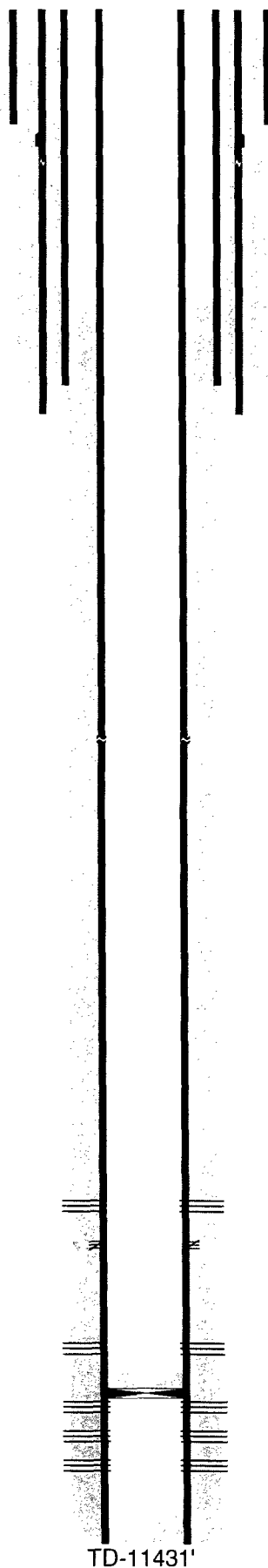
Perfs @ 10630-11154'

4/12-CIBP @ 10582'

PB-11385'

TD-11431'

OXY USA WTP LP - Proposed
OXY Bulldog State #1
API No. 30-015-29234



17-1/2" hole @ 416'
13-3/8" csg @ 416'
w/ 420sx-TOC-Surf-Circ

Csg part @ 1272' & 1432', sqz w/ 500sx cmt

7" csg @ 2902'
w/ 250sx-TOC-Surf-Circ

11" hole @ 3050'
8-5/8" csg @ 3046'
DVT @ 1210'
w/ 1975sx-TOC-Surf-Circ

4/12-csg lk @ 5810-5842'
sqz w/ 490sx cmt-TOC-2540'-Calc

Perfs @ 9080-9217'
4/12-Perf @ 9500', sqz w/415sx cmt TOC-5852'-TS
6-1/4" hole @ 11431'
4-1/2" csg @ 11431'
w/ 125sx-TOC-9566'-CBL

Perfs @ 10319-10328'

Perfs @ 10630-11154'

15sx @ 10582-10417' WOC-Tag
4/12-CIBP @ 10582'

PB-11385'

TD-11431'