

**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

**NM OIL CONSERVATION**  
LAND ENTERPRISE REPORT  
ARTESIA DISTRICT

**JUN 23 2014**

**RECEIVED**

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

1. Operator Name and Address OXY USA WTP Limited Partnership P.O. Box 50250 Midland TX 79710		2. OGRID Number 192463
		3. API Number 30-015-23421
4. Property Code 27662	5. Property Name Villa B COM	6. Well No. 1

7. Surface Location									
UL - Lot B	Section 8	Township 23S	Range 28E	Lot Idn	Feet from 990	N/S Line North	Feet From 1900	E/W Line east	County 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		74270
Pool Name CASS DRAW Eddy Undesignated Wolfcamp (Gas)		Pool Code 9462

Additional Well Information				
11. Work Type P	12. Well Type G	13. Cable/Rotary R	14. Lease Type P	15. Ground Level Elevation 3012'
16. Multiple N	17. Proposed Depth 9420'	18. Formation Wolfcamp	19. Contractor NA	20. Spud Date After Approval
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 1/2"	13 3/8"	48 #	399'	420	Surf-Circ
Int	12 1/4"	9 5/8"	36-40 #	2465'	2310	Surf-Circ
Prod	8 1/2"	7"	23-26-29 #	10987'	1900	Surf-Circ

Casing/Cement Program: Additional Comments						
Liner	6 1/8"	4 1/2"	13.5 #	10571-12517'	250	10571'

22. Proposed Blowout Prevention Program			
Type	Working Pressure	Test Pressure	Manufacturer
Double Ram/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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: <i>David Stewart</i>		OIL CONSERVATION DIVISION	
Printed name: David Stewart		Approved By: <i>T. C. Shapard</i>	
Title: SR. Regulatory Advisor		Title: "Geologist"	
E-mail Address: david_stewart@oxy.com		Approved Date: 6-23-2014 Expiration Date: 6-23-2016	
Date: 6/18/14	Phone: 432-685-5717	Conditions of Approval Attached	

## **Procedure**

1. MIRU WO rig. ND WH and NU BOP.
2. POOH w/ tbg and LD.

***NOTE: Scan tubing out of hole and replace if necessary.***

3. Plug well out of hole per regulatory procedure:
  - a. PU work string and RIH with CIBP and set at 11044' with 55 sacks of cement to 10521'. WOC and tag (Atoka perms, 7" casing shoe, liner top plugs).
4. RU WL and run CBL from PBTD to surface.

***NOTE: Contact engineer before proceeding to next step. Send CBL to engineer.***

5. RIH and set CIBP at 9550'.
6. RIH w/ casing perforating guns and perforate from 9,410 – 9,420'. RD WLU.

***NOTE: The guns are 3 1/8", 0.42" EHD, and >32.00" of penetration w/ 6 JSPF on 60 degree phasing.***

7. PU 3.5" frac string and packer to 9,350'.
8. Pressure test casing / tubing annulus to 1000 psi and hold during frac treatment.
9. NU frac stack on top of BOP.
10. RU Frac Core and frac well per frac procedure.
11. RD Frac Core. ND frac stack.
12. POOH w/ frac string and packer and LD.
13. PU 2 7/8" tubing and RIH and circulate clean to PBTD. (if well takes fluid use a foam unit w/ nitrogen to clean out well to PBTD)
14. POOH w/ tubing.
15. PU packer BHA w/ plug in the profile nipple and RIH with tubing and set packer at 9,350'.
  - a. Re-entry guide w/ 1.87" R-nipple
  - b. Packer
  - c. On/off tool w/ 2.25" R-nipple
  - d. 2 7/8" Tubing to surface
16. ND BOP and NU WH. RD WO rig.
17. RU slick line and retrieve plug. RD slick line.
18. If well doesn't flow naturally, RU swab unit and begin swabbing the well down. RD swab unit.
19. Place well on production and report results to engineer.

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 & 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

<sup>1</sup> API Number 30-015-23421	<sup>2</sup> Pool Code 91475	<sup>3</sup> Pool Name CASS DRAW, WC (GAS) Eddy Undesignated Wolfcamp GAS
<sup>4</sup> Property Code 27762	<sup>5</sup> Property Name Villa B COM	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 192463	<sup>8</sup> Operator Name OXY USA WTP Limited Partnership	<sup>9</sup> Elevation 3011.9'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	B	23S	29E		750	North	1930	east	Eddy

<sup>11</sup> Bottom Hole Location If Different From Surface

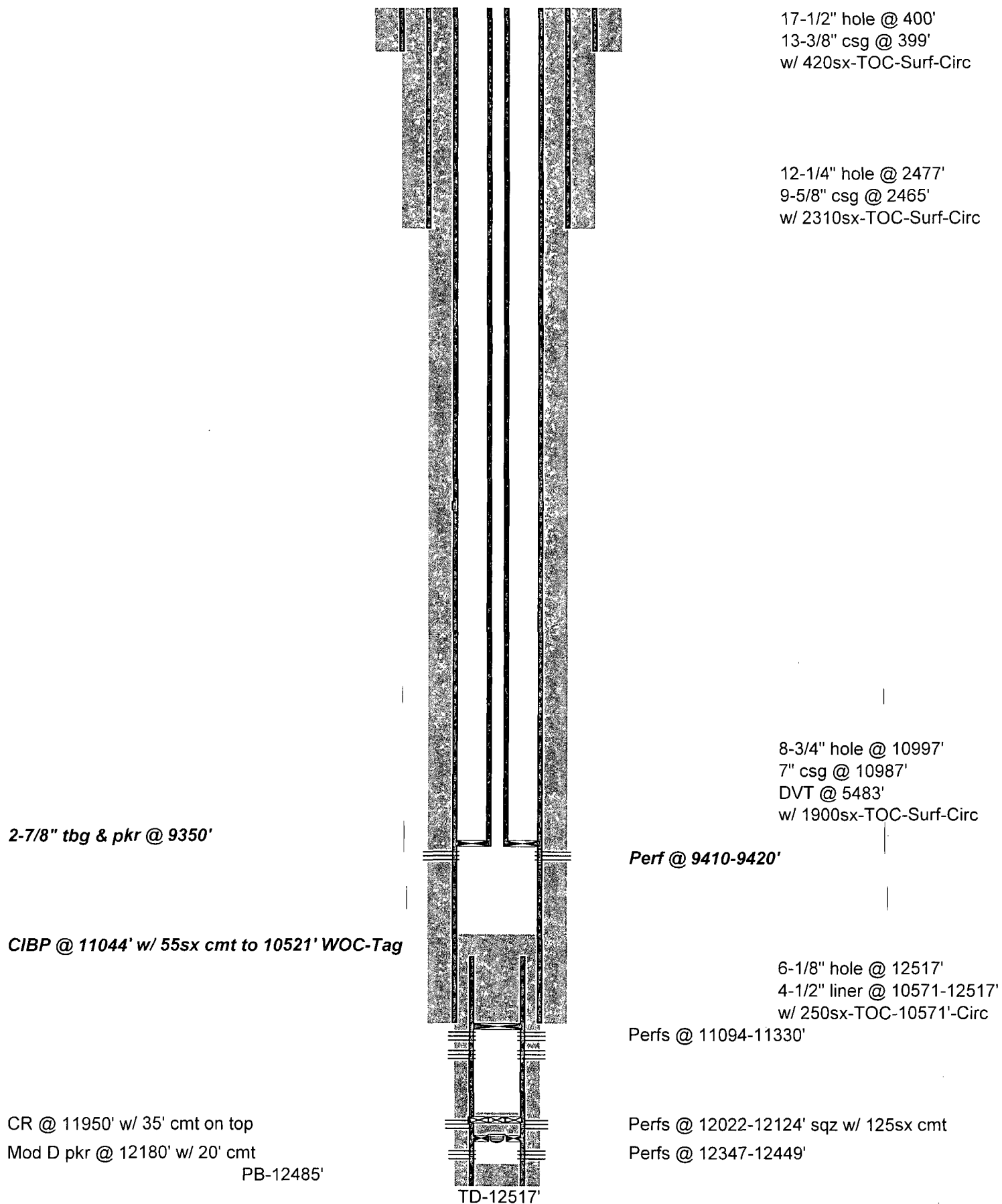
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill N	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	------------------------------------	----------------------------------	-------------------------

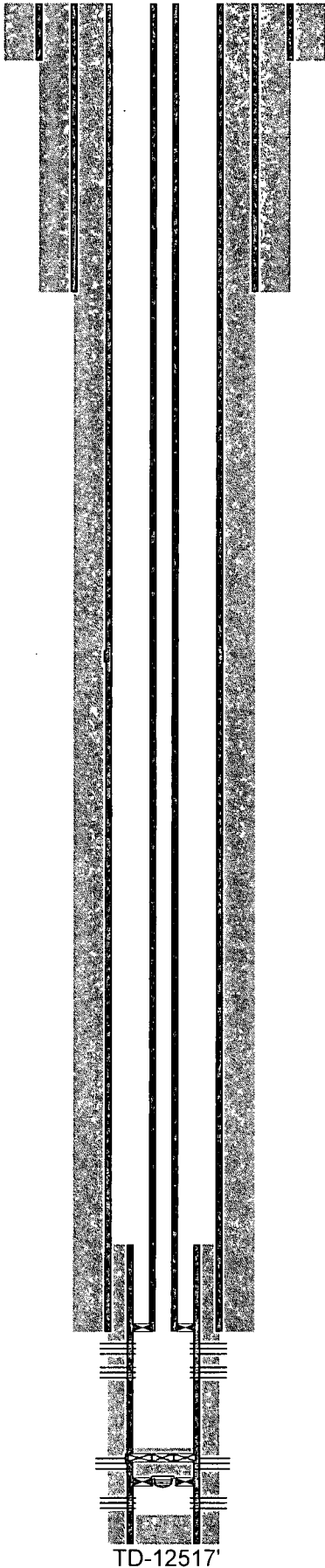
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<sup>16</sup>	<sup>17</sup> 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>6/18/14</u> Printed Name: <u>David Stewart Sr. Reg Adm</u> E-mail Address: <u>david_stewart@oxy.com</u>	
	<sup>18</sup> 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 - Proposed  
Villa B #1  
API No. 30-015-23421



OXY USA WTP LP - Current  
Villa B #1  
API No. 30-015-23421



17-1/2" hole @ 400'  
13-3/8" csg @ 399'  
w/ 420sx-TOC-Surf-Circ

12-1/4" hole @ 2477'  
9-5/8" csg @ 2465'  
w/ 2310sx-TOC-Surf-Circ

8-3/4" hole @ 10997'  
7" csg @ 10987'  
DVT @ 5483'  
w/ 1900sx-TOC-Surf-Circ

6-1/8" hole @ 12517'  
4-1/2" liner @ 10571-12517'  
w/ 250sx-TOC-10571'-Circ

2-3/8" tbg & pkr @ 11007'

CR @ 11950' w/ 35' cmt on top  
Mod D pkr @ 12180' w/ 20' cmt  
PB-12485'

Perfs @ 11094-11330'

Perfs @ 12022-12124' sqz w/ 125sx cmt  
Perfs @ 12347-12449'

TD-12517'