

District I  
1675 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address OXY USA WTP Limited Partnership P.O. Box 50250 Midland, TX 79710-0250		<sup>2</sup> OGRID Number 192463
		<sup>3</sup> API Number 30- 025-09978
<sup>4</sup> Property Code 27936	<sup>5</sup> Property Name Brunson B	<sup>6</sup> Well No. 6

<sup>7</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
M	3	22S	37E		380	south	330	west	Lea

<sup>8</sup>Proposed 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>9</sup>Proposed Pool 1

Wantz Abo

<sup>10</sup>Proposed Pool 2

<sup>11</sup> Work Type Code A	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3438'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 7434'	<sup>18</sup> Formation Abo	<sup>19</sup> Contractor N/A	<sup>20</sup> Spud Date 3/5/03

<sup>21</sup>Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/4"	13-3/8"	36#	297'	300sx	Surface
11-1/4"	8-5/8"	28#	2801'	500sx	Surface
7-7/8"	5-1/2"	15.5-17#	7374'	500sx	4487' - Calc

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Permit Expires 1 Year From Approval See Other Side  
Date Unless Ending Underway

Adding

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

*David Stewart*

Printed name: David Stewart

Title: Sr. Regulatory Analyst

Date:

3/3/03

Phone:

915-685-5717

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY  
PAUL F. KAUTZ

Title: PETROLEUM ENGINEER

Approval Date: MAR 06 2003 Expiration Date:

Conditions of Approval:

Attached ☐

**BRUNSON B #6**  
**ABO PLUGBACK PROCEDURE**

1. **Move In Workover Rig** - Check location for overhead power lines and discuss other safety concerns about rigging up. Hold tailgate safety meeting on procedure and equipment spacing. MI & RUPU.
2. **Drill out CIBP** - POOH w/TBG and PKR. PU 4 3/4" bit, 6 - DC's. RIH and tag cmt @ 7189'. Drill out CMT and CIBP @ 7020', CO below casing shoe @ 7374'. CHC. POOH w/TBG and tools.
3. **Blank off Drinkard** - RU Baker Atlas. RIH w/5 1/2" CIBP on WL. Set CIBP @ approx 7350'. POOH w/WL. RIH w/tbg and TPKR. Set PKR @ 7325'. RU HPPT. Pressure test CIBP to 500# for 15 min. RD HPPT. POOH w/TBG and PKR. RIH w/CMT bailer. Dump 2 SX CMT on top of CIBP. POOH w/WL.
4. **Perforate ABO Zone** - RU Baker Atlas wireline perforating truck and 10K lubricator. RIH with 4" OD Casing perforating guns loaded with 2 SPF Premium Charges. Perforate ABO from 6705-7285' as follows:

<u>Zone</u>	<u>Depth</u>
ABO	6705, 6707, 6770, 6800, 6804, 6808, 6829, 6843, 6899, 6910, 6989, 7002, 7012, 7085, 7098, 7150, 7215, 7217, 7241, 7245, 7285
Total - 21 holes	

POOH with perforating guns. RD Baker Atlas.

5. **PPI Acidize ABO** - RU HALCO. RIH w/HALCO PPI tool. Pump 100 gals 15% HCL acid into each perf. POOH w/PPI PKR.
6. **Frac ABO** - RU HALCO. Frac the Abo interval with 35# Hybor gel carrying 35,000 pounds of 20/40 mesh Super LC. The estimated treatment rate and pressure are 35bpm @ 5800psi. The maximum treatment pressure will need to be set at 8000psi. Treat down the tubing as follows:

<u>Stage</u>	<u>Volume</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Proppant</u>
1 - Load Well	5,000 Gal	35# WaterFrac G		
2 - Pad	19,000 Gal	35# Hybor G		
3 - Proppant Laden Fluid	5,000 Gal	35# Hybor G	0.50 lbm/gal	20/40 Super LC
4 - Proppant Laden Fluid	5,000 Gal	35# Hybor G	1 lbm/gal	20/40 Super LC
5 - Proppant Laden Fluid	4,000 Gal	35# Hybor G	1.50 lbm/gal	20/40 Super LC
6 - Proppant Laden Fluid	4,000 Gal	35# Hybor G	2 lbm/gal	20/40 Super LC
7 - Proppant Laden Fluid	3,000 Gal	35# Hybor G	2.50 lbm/gal	20/40 Super LC
8 - Proppant Laden Fluid	2,000 Gal	35# Hybor G	3 lbm/gal	20/40 Super LC
9 - Flush	2,600 Gal	35# WaterFrac G		

7. **Flowback and swab test** - Open well to pit and flow test through 3 1/2" tbg. Report to engineering.
8. **Move tools, put on production** - RU HPPT. Kill well gas. REL PKR and POOH w/tbg and tools. RIH w/4 1/2" Baker Loc-Set PKR on 2 3/8" production tbg. RU swab. Swab and flow test well. Put on production. Report to engineering.

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Revised March 17, 1999

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Santa Fe, NM 87505

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-09978	<sup>2</sup> Pool Code 62700	<sup>3</sup> Pool Name Wantz Abo
<sup>4</sup> Property Code 27936	<sup>5</sup> Property Name Brunson B	<sup>6</sup> Well Number
<sup>7</sup> OGRID No. 192463	<sup>8</sup> Operator Name OXY USA WTP Limited Partnership	<sup>9</sup> Elevation 3438'

<sup>10</sup> Surface Location


UL or lot no. M	Section 3	Township 22S	Range 37E	Lot. Idn	Feet from the 380	North/South line south	Feet from the 330	East/West line west	County Lea
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<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
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<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill N	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<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.   Signature David Stewart Printed Name Sr. Regulatory Analyst Title 3/3/03 Date
				<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 Surveyer:
				Certificate Number

336.  
176  
6(1)  
6(2)  
380.

(\*See other side

- (1) Brunson B #3 - 3002509976 - OXY USA WTP LP - 660 FSL 660 FWL -  
Drinkard-Tubb
- (2) Paddock Unit #37 - 3002535520 - John H. Hendrix Corp. - 380 FSL 530 FWL  
Paddock
- (3) R.L. Brunson Tr 2 #3 - 3002510002 - Anadarko Petr. Corp. - 330 FSL 330 FWL  
Penrose Skelly GB