District I
1625 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

Oil Conservation Divsiion
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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

[1] Operator Name and Address	[2] OGRID Number
OXY USA WTP Limited Partnership P.O. Box 50250 Midland, TX 79710-0250	192463 [3] API Number 30- 025-09980

[4] Property Code	[5] Property Name	[6] Well No.
27936	Brunson B	7

[7] 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	3	22S	37E		622	south	1990	west	Lea

[8] 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

[9] Proposed Pool 1	[10] Proposed Pool 2
Blinebry	

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
A	O	R	P	3418'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
No	6548'	Blinebry	N/A	9/1/03

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/4"	13"	50#	305'	300sx	Surface
11"	8-5/8"	28#	2800'	600sx	Surface
7-7/8"	5-1/2"	14-15.5#	6476'	350sx	3185'-TS

[22] 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.

SEP 2003
RECEIVED
Hobbs
OCD

See Other Side

Permit Expires 1 Year From Approval Date Unless ~~Drilling~~ Underway
Adding

[23] 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: 9/17/03

Phone: 432-685-5717

OIL CONSERVATION DIVISION

Approved by: Paul F. Kautz

Title: PETROLEUM ENGINEER

Approval Date: SEP 23 2003 Expiration Date:

Conditions of Approval:

Attached ☐

RECOMMENDED 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. **Log and Blank Off Lower Perfs** - POOH w/TBG and PKR. RU Baker Atlas. RIH w/logging tools and run GR/CCL log and tie in to existing electric log. FIN POOH w/logging tools. RIH w/5 ½" CIBP and set @ 5,850'.

3. **Perforate Blinebry Zone** - RU **Baker Atlas** wireline perforating truck and 10K lubricator. RIH with **4" OD** Casing perforating guns loaded 1 SPF. Perforate Blinebry from 5385-5780' as follows:

Zone	Depth
Blinebry	5385, 95 5410, 15, 35, 45, 60 5505, 12, 22, 50, 67, 75, 85, 95 5638, 48, 56, 65, 98 5720, 46, 54, 80
	Total – 24 holes

   POOH with perforating guns. RD Baker Atlas.

4. **Acidize Blinebry** – RIH w/PPI PKR on 2 3/8" TBG. RU Halliburton to acidize the Blinebry formation using 3,000 gallons of 17% Ferchek SC Acid. The treatment will be performed utilizing a PPI Tool to isolate each perforation. Approximately 100 gallons of acid will be used to break down each perf. Once all the perfs have been broken down, set the tool above the perfs, shift by-pass on tool, and bullhead remaining acid into the perfs. The treatment rate for the PPI stages will be 1-2 bpm. The treatment rate for the bullhead stage will be 4-5 bpm. Flush to the bottom perforation with 2% KCL water (Oxy to provide 2% KCL water). RD HALCO. POOH w/PPI Tool. PU 5 ½" Treating PKR and RIH on 3 ½" Frac TBG. Set PKR approx 5300'.

5. **Frac Blinebry** – RU HALCO. Frac the Blinebry formation with CO2 foam consisting of 40# Waterfrac G and 50% CO2 carrying 115,000 pounds of 20/40 mesh Ottawa sand and 35,000 pounds of 20/40 mesh Super LC sand. Treatment will be down 3-1/2" tubing at 35 bpm with an anticipated WHTP of 5,300 psi. Flush the well to the top perforation. The annulus will need to be loaded with 2% KCL water and approximately 500 psi held on the annulus during the job. See schedule below.

Stage	Volume	Fluid	Conc.	Proppant	CO2 Qual.
1 - Pad	28,000 Gal	40# Water Frac G			50%
2 - Proppant Laden Fluid	30,000 Gal	40# Water Frac G	1-5 lbm/gal	20/40 Ottawa Sand	50%
3 - Proppant Laden Fluid	5,000 Gal	40# Water Frac G	5 lbm/gal	20/40 Ottawa Sand	50%
4 - Proppant Laden Fluid	7,000 Gal	40# Water Frac G	5 lbm/gal	20/40 Super LC	50%
5 - Flush	± 1,800 Gal	40# Water Frac G			50%

6. **Flowback** – RD HALCO. SHUT IN WELL FOR 4 HRS TO ALLOW RESIN COATED SAND TO SET. Open well to pit and flowback. Flowback and swab load.

7. **Finish and put to sales** – Kill well gas w/2% KCL. REL PKR and POOH LD 3 ½" TBG. RIH w/production PKR on 2 3/8" TBG. Set approx 5300'. Swab well in and put well on line. RD PU. Clean location.

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OIL CONSERVATION DIVISION
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Form C-102
Revised March 17, 1999

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-09980	6660	Blinebry Oil & Gas

[4] Property Code	[5] Property Name	[6] Well Number
27936	Brunson B	7

[7] OGRID No.	[8] Operator Name	[9] Elevation
192463	OXY USA WTP Limited Partnership	3418'

[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
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[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	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
40	N		

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

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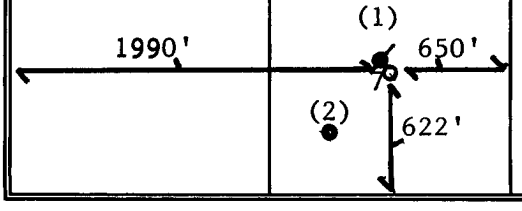

[17] OPERATOR CERTIFICATION

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

9/17/03
Date

[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 Surveyer:

Certificate Number

(1) Paddock Unit #38 - 30-025-09977 - Exxon Corp. - 660 FSL 1980 FWL - Paddock - Aban

(2) RL Brunson Tr 2 - 30-025-10003 - Pecos Prod. Co. - 330 FSL 1650 FWL - Penrose Skelly GB - ACT