

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101

Revised February 10, 1994

Instructions on back

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

Operator Name and Address. OXY USA Inc. P.O. Box 50250 Midland, TX 79710		OGRID Number 16696
		API Number 30-025-28470
Property Code 008584	Property Name Byers B	Well No. 2

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
G	7	20S	38E		2080	North	1980	East	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
Proposed Pool 1 Monument-Tubb Pool 47090					Proposed Pool 2				

Work Type Code Plug Back	Well Type Code Oil	Cable/Rotary ----	Lease Type Code Fee	Ground Level Elevation 3563'
Multiple ----	Proposed Depth 6401'	Formation Tubb	Contractor ---	Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	1552'	800	Surface-Circ.
7 7/8"	5 1/2"	17#	7100'	2200	" "

¹⁰ 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.

See other side

¹³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: David Stewart		Approved by: ORIGINAL SIGNED BY	
Title: Regulatory Analyst		Title: GARY WINK FIELD REP. II	
Date: 3/1/95		Approval Date: MAR 03 1995	Expiration Date:
Phone: 915-685-5717		Conditions of Approval: Attached ☐	

- 1.) MIRU pulling unit TOOH w/ rods and pump. N. VH, NU BOP. TOOH w/ tbg and TAC.
- 2.) RU wireline and run gauge ring to 6800'. TIH w/ CIBP on wireline and set CIBP @ $\pm 6750'$. Dump 35' cmt on top of CIBP.
3. TIH w/ tbg and pkr and set pkr @ $\pm 5800'$ and cement squeeze Blinbry perfs (5889' - 5963' as per Halliburton's recommendation. Release pkr, reverse excess cmt to pit, PU on pkr to 5000'. SION.
- 4.. TOOH w/ pkr and tbg. TIH w/ 4 3/4" RB, 5 1/2" csg scraper, and DC's, on 2 7/8" tbg and drill out cmt squeeze. Close BOP's and pressure test squeeze to 1000#. FIH w/ RB to 6600' and circ hole w/ 2% KCL wtr. TOOH w/ RB, csg scraper, DC's, and tbg.
5. RU wireline and perforate Tubb formation (6401' - 6565') w/ premium shots 1 JSPF at the following depths: 6401' - 6402', 6458' - 6469', 6481', 6484' - 6486', 6492' - 6510', 6547', 6548', 6556', 6561', 6565'. Total of 42 shots. Depth reference log Schlumberger Compensated Neutron - Litho Density Log dated December 25, 1983.
6. TIH w/ pkr, on-off tool, and 1.87" profile nipple on 3 1/2" tubing and set pkr @ $\pm 6320'$. RU Acid Co. and acidize Tubb perfs (6401' - 6565' w/ 4000 gals 15% Ne Fe HCl utilizing 80 RCNBS. Flush w/ 2% KCL wtr. Swab back load.
- 7.) RU Frac Co., Frac Tubb perfs (6401' - 6565') w/ 67,000 gals crosslinked gelled 2% KCL wtr (40# system), and 287,000# 16/30 Ottawa sand at 35 BPM down 3 1/2" tbg as follows:
 - a. Pump 31,000 gals pad.
 - b. Pump 2,000 gals with 2 ppg 16/30 Ottawa sand.
 - c. Pump 3,500 gals with 4 ppg 16/30 Ottawa sand.
 - d. Pump 5,500 gals with 6 ppg 16/30 Ottawa sand.
 - e. Pump 7,000 gals with 8 ppg 16/30 Ottawa sand.
 - f. Pump 18,000 gals with 10 ppg 16/30 Ottawa sand.
 - g. Flush w/ base frac fluid.
 - h. Open well to pit and initiate forced closure by flowing back well at 0.5 BPM for 1 hour. SION.
- 8.. Open well and flow back or swab load.
- 9.) RU wireline and set plug in profile nipple, TOOH and LD 3 1/2" tbg. TIH w/ 2 7/8" tbg and circ hole w/ packer fluid. Latch onto on-off tool. Swabb well down and pull plug from profile nipple and put well on production.

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-28470		Pool Code 47090	Pool Name Monument-Tubb Pool
Property Code 008584	Property Name Byers B		Well Number 2
OGRID No. 16696	Operator Name OXY USA Inc.		Elevation 3563'

¹⁰ Surface Location

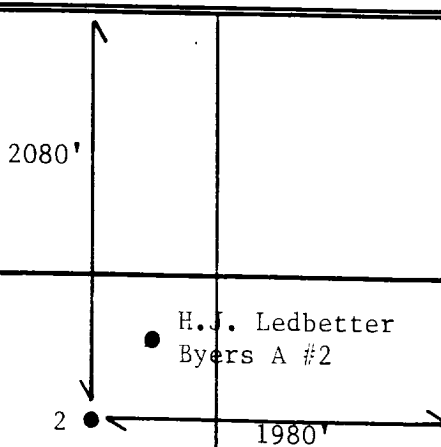
UL or lot no. 6	Section 7	Township 20S	Range 38E	Lot Idn	Feet from the 2080	North/South line North	Feet from the 1980	East/West line East	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 30	¹³ Joint or Infill	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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature David Stewart Printed Name Regulatory Analyst Title 3/1/95 Date	
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyor:	
	Certificate Number	