

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
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

<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 30-015-31599
<sup>4</sup> Property Code 27478	<sup>5</sup> Property Name OXY Euphonium	<sup>6</sup> Well No. 1

<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	19	17S	26E		660	South	660	West	Eddy

<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 Undesignated Eagle Creek Atoka-Morrow, East					<sup>10</sup> Proposed Pool 2 76240				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3436'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 8700'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor UTI	<sup>20</sup> Spud Date 2/15/01

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400'	360	Surface
12-1/4"	8-5/8"	32#	1300'	425	Surface
7-7/8"	4-1/2"	11.6#	8700'	685	6000'

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.

SEE OTHER SIDE

Notify OCD Spud & time to Witness  
8 5/8" Casing

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>David Stewart</i>		OIL CONSERVATION DIVISION	
Printed name: David Stewart		Approved: <b>ORIGINAL SIGNED BY TIM W. GUM</b> <i>BWD</i> <b>DISTRICT II SUPERVISOR</b>	
Title: Regulatory Analyst		Title:	
Date: 2/2/01		Approval Date: <b>FEB 13 2001</b>	Expiration Date: <b>FEB 13 2002</b>
Phone: 915-685-5717		Conditions of Approval: Attached <input type="checkbox"/>	

OXY Euphonium #1  
660 FSL 660 FWL J SEC 19 T17S R26E Eddy County, NM

PROPOSED TD: 8700' TVD

BOP PROGRAM: 0' - 400' None

400' - 1300' 11" 5M blind and pipe rams with 5M annular preventer.

1300' - 8700' 11" 5M blind pipe rams with 5M annular preventer and rotating head below 6000'.

CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 400' 17-1/2" hole

Intermediate: 8-5/8" OD 32# K55 ST&C new casing from 0-1300' 12-1/4" hole

Production: 4-1/2" OD 11.6# N80 LT&C new casing from 0-8700' 7-7/8" hole

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite + 2% CaCl<sub>2</sub> + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl<sub>2</sub>.

Intermediate - Circulate cement with 225sx 35:65 POZ/C with 6% Bentonite + 2% CaCl<sub>2</sub> + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl<sub>2</sub>.

Production - Cement with 610sx 15:61:11 POZ/C/CSE with .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C with .7% FL-25.

Estimated top of cement is 6000'.

Note: Cement volumes may need to be adjusted to hole caliper.

MUD: 0 - 400' Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt 8.7-9.2 ppg, Vis 32-34 sec

400' - 1300' Fresh/\*Brine water. Lime for pH control (10.0-10.5). Paper for seepage. Wt 8.3-9.0/10.0-10.1ppg, Vis 28-29 sec \*Fresh water will be used unless chlorides in the mud system increases to 20000ppm.

1300' - 6000' Fresh water. Lime for pH control(9-9.5). Paper for seepage. Wt 8.3-8.5 ppg, Vis 28-29 sec

6000' - 7400' Cut brine. Lime for pH control (10-10.5). Wt 9.6-10.0 ppg, Vis 28-29sec

7400' - 8700' Mud up with an Duo Vis/Flo Trol mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II  
811 South First, 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 and Natural Resources Department

Form C-102  
Revised March 17, 1989

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 76240	Pool Name Undesignated Eagle Creek Atoka-Morrow, East
Property Code	Property Name OXY EUPHONIUM	Well Number 1
OGRID No. 192563	Operator Name OXY USA WTP Limited Partnership	Elevation 3436'

Surface Location

UL or lot No. M	Section 19	Township 17 S	Range 26 E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 660	East/West line WEST	County EDDY
--------------------	---------------	------------------	---------------	---------	----------------------	---------------------------	----------------------	------------------------	----------------

Bottom Hole Location If Different From Surface

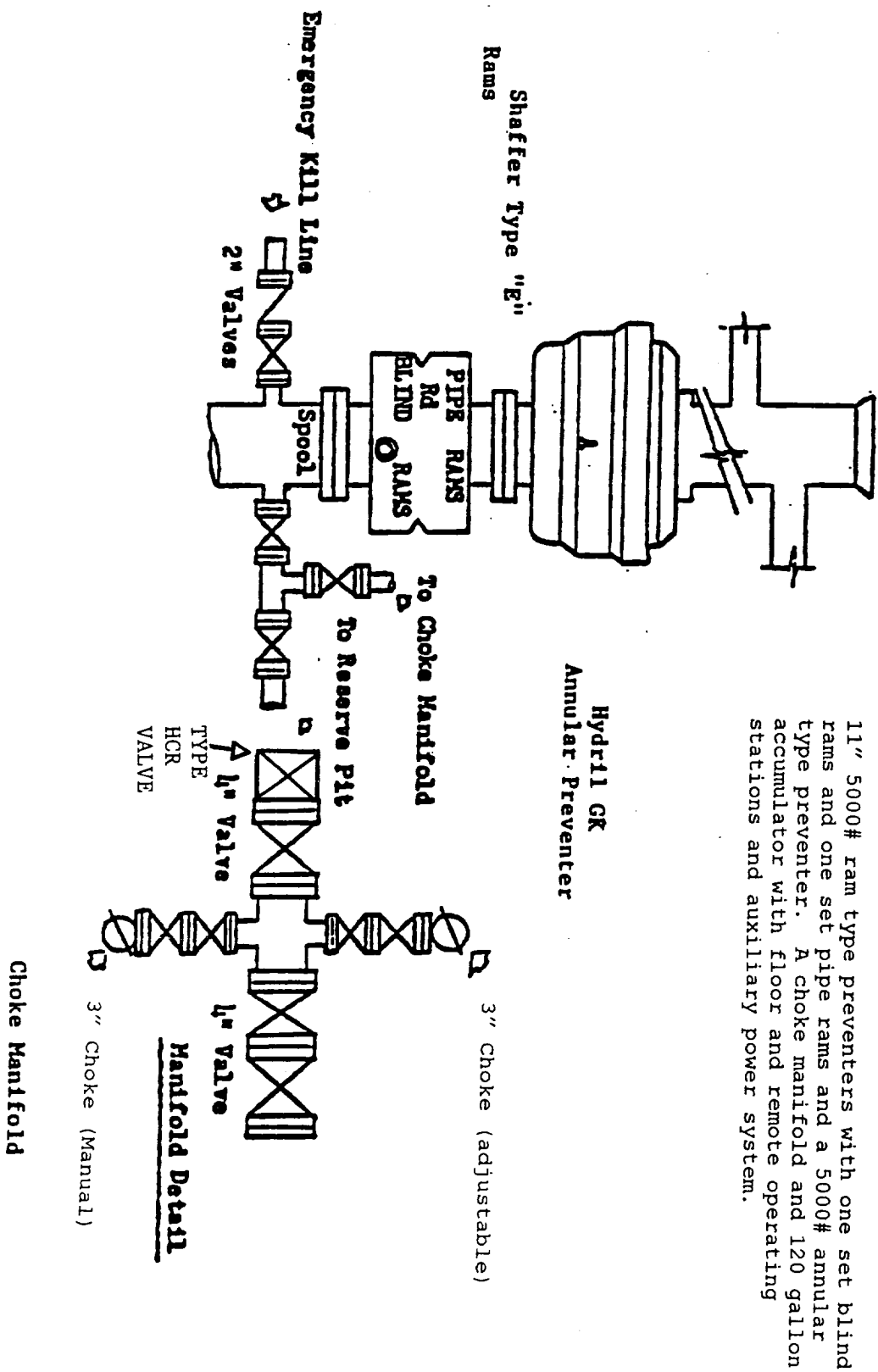
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 370	Joint or Infill N	Consolidation Code	Order No.						

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

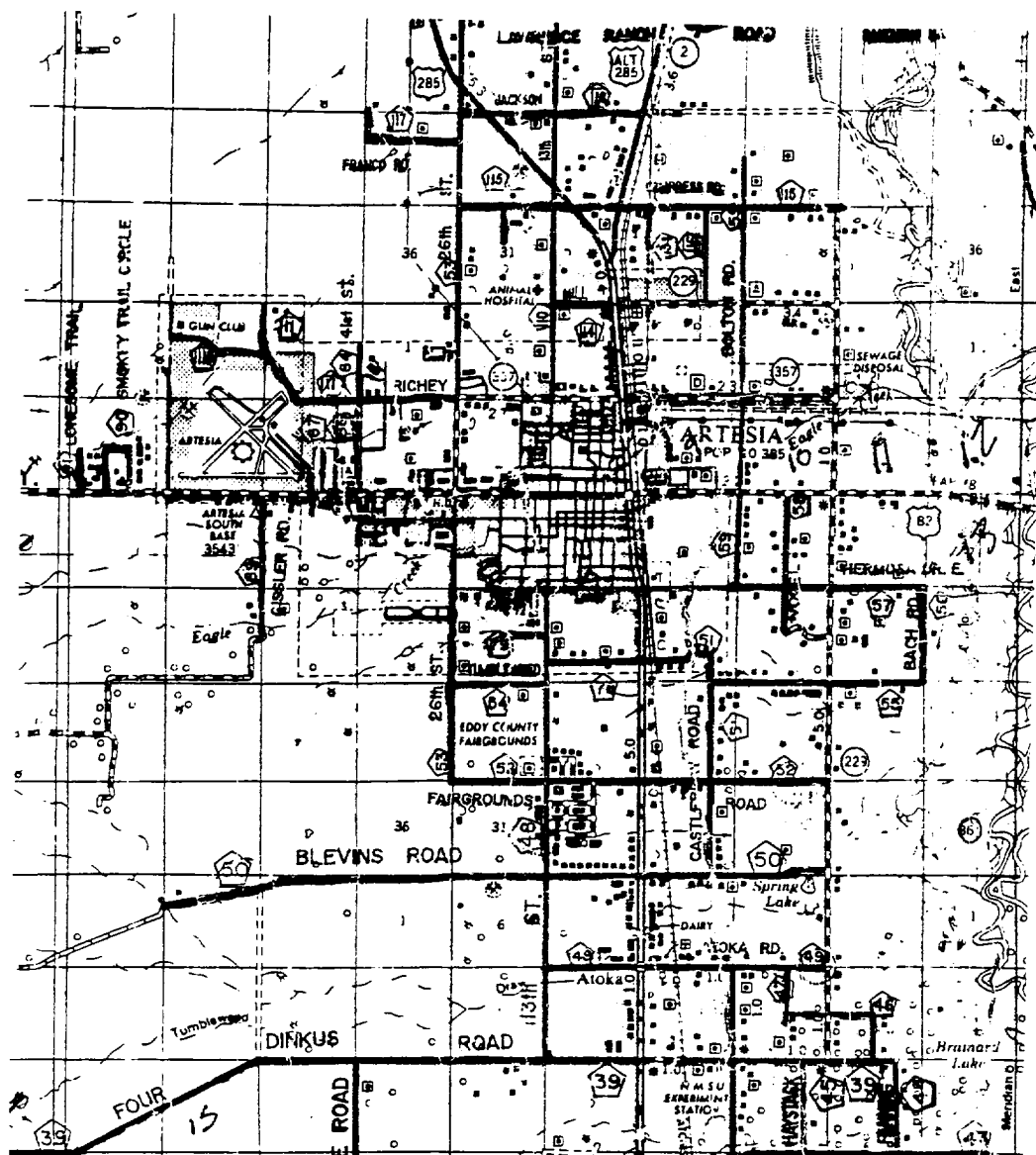
317.40

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p></p> <p>Signature</p> <p>David Stewart</p> <p>Printed Name</p> <p>Regulatory Analyst</p> <p>Title</p> <p>2/9/01</p> <p>Date</p>
	<p>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>January 23, 2001</p> <p>Date Surveyed</p> <p></p> <p>Signature &amp; Seal of Professional Surveyor</p> <p>7977</p> <p>W.O. No. 1073A</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>

**BLOWOUT PREVENTOR SCHEME**



11" 5000# ram type preventers with one set blind rams and one set pipe rams and a 5000# annular type preventer. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system.



# OXY EUPHONIMUM #1

Located at 660' FSL and 660' FWL  
 Section 19, Township 17 South, Range 26 East,  
 N.M.P.M., Eddy County, New Mexico.

**basin**  
**surveys**

focused on excellence  
 in the oilfield

P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (505) 393-7316 - Office  
 (505) 392-3074 - Fax  
 basinsurveys.com

W.O. Number: 1073AA - KJG CD#3

Survey Date: 01-23-2001

Scale: 1" = 2 MILES

Date: 01-26-2001

OXY USA INC.

