

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 Inc. P.O. Box 50250 Midland, TX 79710-0250		<sup>2</sup> OGRID Number 16696
		<sup>3</sup> API Number 30-015-31466
<sup>3</sup> Property Code 2	<sup>5</sup> Property Name OXY Honest John State	<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
G	18	23S	26E		1980	North	1700	East	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 Carlsbad Morrow, South					73960	<sup>10</sup> Proposed Pool 2			

<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 S VB464	<sup>15</sup> Ground Level Elevation 3484'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 12000'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor UTI	<sup>20</sup> Spud Date 12/15/00

Minimum WOC time 18 hrs. <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#	700'	650	Circulate
12-1/4"	9-5/8"	36#	2800'	700	Circulate
8-3/4"	7"	26#	9500'	675	Est TOC 4500'
6-1/2"	4-1/2"	11.6#	9000-12000'	300	Circulate

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

OPERATOR TO BRING CEMENT ACROSS  
ALL OIL, GAS & WATER BEARING ZONES.

Operator to comply with all FAA rules  
that may apply.

Operator to notify NMOCDD time of spud  
& time to witness 9 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:

*David Stewart*

Printed name: David Stewart

Title: Regulatory Analyst

Date:

11/16/00

Phone: 915-685-5717

OIL CONSERVATION DIVISION

Approved by:

*Tim W. Gunn*

*Tim W. Gunn*

Title:

Approval Date:

NOV 15 2000

Expiration Date:

NOV 15 2001

Conditions of Approval:

Attached ☐

OXY Honest John State #1  
1980 FNL 1700 FEL SEC 18 43S R26E Eddy County, NM  
State Lease No. VB464

PROPOSED TD: 12000' TVD

BOP PROGRAM: 0-700' None

700-2800' 13-3/8" 3M annular preventer.

2800-9500' 11" 5M blind pipe rams with 5M annular preventer and rotating head below 8300'.

9500-12000' 7-1/16" 5M blind pipe rams with 5M annular preventer and rotating head below 9500'.

CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 700'  
17-1/2" hole

Intermediate: 9-5/8" OD 36# K55 ST&C new casing from 0-2800'  
12-1/4" hole

Protection: 7" OD 26# N80 ST&C new casing from 0-9500'  
8-3/4" hole

Liner: 4-1/2" OD 11.6# S95 LT&C new casing from 9000-12000'  
6-1/2" hole

CEMENT: Surface - Circulate cement with 450sx 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 500sx 35:65 POZ/C with 6% Bentonite + 2% CaCl<sub>2</sub> + .25#/sx Cello-Seal + 5#/sx Gilsonite followed by 200sx Cl C with 2% CaCl<sub>2</sub>.

Protection - Cement with 600sx 15:61:11 POZ/C/CSE with .5% FL-25 + .5% FL-52 + 8#/sx Gilsonite followed by 75sx Cl C with .7% FL-25. Estimated top of cement is 4500'.

Liner - Cement with 300sx Cl H w/ 1% FL-62 + .4% CD-32 1#/sx BA-61.

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

MUD: 0-700' Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt 8.7-9.2 ppg, Vis 32-34 sec

700-2800' 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.

2800-5000' Fresh water. Lime for pH control(9-9.5). Paper for seepage. Wt 8.3-8.5 ppg, Vis 28-29 sec

5000-10500' Cut brine. Lime for pH control (10-10.5). Wt 9.6-10.0 ppg, Vis 28-29sec

10500-12000' Mud up with an Duo Vis/Flo Trol mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc