

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

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

¹ Operator Name and Address OXY USA Inc. P.O. Box 50250 Midland, TX 79710-0250		² GRID Number 16696 ³ API Number 30-015-
⁴ Property Code 24810	⁵ Property Name OXY SWEET PEA	⁶ Well No. 1

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
H	9	18S	25E		1650	North	660	East	Eddy

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

Richard Knob Atoka-Morrow 83840

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3533'
¹⁶ Multiple no	¹⁷ Proposed Depth 8700'	¹⁸ Formation Morrow	¹⁹ Contractor FWA-Peterson	²⁰ Spud Date 9/1/99

Minimum WOC time hrs. ²¹ 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" H40	48#	400'	360	Surface
11"	8-5/8" K55	32#	1300'	425	Surface
7-7/8"	4-1/2" N80	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 at SPUD & TIME
to witness cementing the
8 5/8" casing.

Post ID-1
8-13-99

APR + loc

See R-Order 5460

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: Regulatory Analyst

Date:

8/10/99

Phone: 915-685-5717

OIL CONSERVATION DIVISION

Approved by:

Jim W. [Signature]
District Supervisor

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

Fresh Water to 1300'

ATTACHMENT C-101
OXY USA Inc.
OXY Sweet Pea #1
SEC 9 T18S R25E
Eddy County, NM

PROPOSED TD: 8700' TVD

BOP PROGRAM: 0' - 400' None

400' - 1300' 13-3/8" 5M blind and pipe rams with 5M annular preventer.

1300' - 8700' 13-3/8" 5M blind pipe rams with 5M annular preventer and rotating head below 7400'.

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

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

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

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + 2% CaCl₂ + .25#/sx Cello-Seal + .005gps FP-6L followed by 200sx Cl C with .005#/sx Static Free + .005gps FP-6L + 2% CaCl₂.

Intermediate - Circulate cement with 225sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + 2% CaCl₂ + .25#/sx Cello-Seal + .005gps FP-6L + 5#/sx Gilsonite followed by 200sx Cl C with 2% CaCl₂ + .005#/sx Static Free + .005gps FP-6L.

Production - Cement with 610sx 15:61:11 POZ/C/CSE with .005#/sx Static Free + .005gps FP-6L + .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C with .005#/sx Static Free + .005gps FP-6L + .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 8.3-9.0ppg/10.0-10.1ppg, Vis 28-29 sec

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 Troll mud system.
Wt 9.6-10.0ppg, Vis 32-36sec 1Lx10cc