

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, PLUG BACK OR ADD A ZONE

Operator Name and Address: OXY USA Inc. P.O. Box 50250 Midland, TX 79710-0250		GRID Number 16696
Property Code 24438	Property Name OXY Wallace State	Well No. 3

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	9	17S	27E		1800	South	660	West	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Undesignated Crow Flats Morrow 75720					Proposed Pool 2 Undesignated Logan Draw Morrow				

Work Type Code	Well Type Code	Cable/Rotary	Lease Type Code	Ground Level Elevation
N	G	R	S	3369'
Multiple	Proposed Depth	Formation	Contractor	Spud Date
No	9200'	Morrow	Peterson	After Approval

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"	32#	1500'	725	Surface
7-7/8"	4-1/2"	11.6#	9200'	765	5300'
					Post ID-1
					4-9-99
					API & LOC

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.

NSL-4238
4/19/99

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 8 5/8" casing

SEE OTHER SIDE

*Request 8hr WOC on surface casing, see attached for cement data sheet.

Minimum WOC time 18 hrs. B6X

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:

3/26/99

Phone:

915-685-5717

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

4-5-99

Expiration Date:

4-5-00

Conditions of Approval:

Attached ☐ Drill Only - Pending NSL

Approval

ATTACHMENT C-101
OXY USA Inc.
OXY Wallace State #1
SEC 9 T17S R27E
Eddy County, NM

PROPOSED TD: 9200' TVD

BOP PROGRAM: 0' - 1500'

20" X 40' Conductor pipe with 13-3/8" rotating head bolted on. To be used as diverter only.

1500'-9200'

8-5/8" 5M blind and pipe rams with 5M annular preventer and rotating head below 6000'.

CASING: 8-5/8" 32# K55 ST&C casing @ 1500'. 12-1/4" hole.
4-1/2" 11.6# N80 LT&C casing @ 9200'. 7-7/8" hole.

CEMENT:

Surface - Circulate cement with 525sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + .005gps FP-6L + 2% CaCl₂ + 0.25#/sx Cello Flake + 5#/sx Gilsonite followed by 200sx Cl C with 2% CaCl₂ + .005#/sx Static Free + .005gps FP-6L.

*Request 8hr WOC, See attached for data sheet

Production - Cement with 690sx 15:61:11 POZ/C/CSE with .005#/sx Static Free + 8#/sx Gilsonite + .5% FL-25 + .5% FL-52 + .005gps FP-6L followed by 75sx Cl C with .005#/sx Static Free + .7% FL-25 + .005gps FP-6L.

Estimated top of cement is 5300'

Cement volumes may be adjusted to hole caliper.

MUD:

0' - 1500' FW/gel/lime. Lime for pH control (9-10). Paper for seepage. Wt. 8.6-9.2ppg, vis 28-34sec.

1500'-5900'

Fresh water. Lime for pH control (9-10). Paper for seepage. Wt. 8.3-8.5ppg, vis 28-29sec.

5900'-8200'

Cut brine. Lime for pH control (10). Wt. 9.6-10.0ppg, vis 28-29sec.

8200'-9200'

Mud up with a Duo Vis/Flo Trol system Wt. 10-10.2ppg, vis 34-38sec WL 8cc.

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