c/SF BLM Bo&M St Ld

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

XXX AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address	OGRID Number
OXY USA Inc. P.O. Box 50250 Midland, TX 79710-0250	16696
	API Number 30 - 0 15-30676

Property Code	Property Name	Well No.
24725	OXY Shania State	1

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	17S	28E		1650	North	1650	East	Eddy

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		Proposed Pool 2
Undesignated Crow Flats Morrow	75720	

Work Type Code	Well Type Code	Cable/Rotary	Lease Type Code	Ground Level Elevation
N	G	C	S - V-4281	3477'
Multiple	**Proposed Depth**	**Formation**	**Contractor**	**Spud Date**
No	9600'	Morrow	FWA-Peterson	7/15/99

Minimum WOC time 8 hrs

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#	350'	360sx	Surface
11"	8-5/8"	24#	1500'	725sx	Surface
7-7/8"	4-1/2"	11.6#	9600'	705sx	6000'

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.

Post ID-1
7-2-99
API & Loc

See other side

MAY 1999
RECEIVED
OCD - ARTESIA

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: 6/21/99

Phone: 915-685-5717

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM

Title: DISTRICT II SUPERVISOR

Approval Date: 6-22-99

Expiration Date: 6-22-00

Conditions of Approval:
Attached ☐

ATTACHMENT C-101
OXY USA Inc.
OXY Shania State #1
SEC 7 T17S R28E
Eddy County, NM

PROPOSED TD: 9600' TVD

BOP PROGRAM:

0' - 350'	None
350' - 1500'	13-3/8" 5M blind and pipe rams with 5M annular preventer.
1500' - 9600'	13-3/8" 5M blind pipe rams with 5M annular preventer and rotating head below 8500'.

CASING:

Surface: 13-3/8" OD 48# H40 ST&C new casing set at 350'

Intermediate: 8-5/8" OD 24# K55 ST&C new casing from 0-1500'

Production: 4-1/2" OD 11.6# N80 LT&C new casing from 0-9600'

CEMENT:

Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + 2% $CaCl_2$ + .25#/sx Cello-Flake followed by 200sx Cl C with .005#/sx Static Free + .005gps FP-6L + 2% $CaCl_2$.

Intermediate - Circulate cement with 525sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + 2% $CaCl_2$ + .25 #/sx Cello-Flake + 5#/sx Gilsonite followed by 200sx Cl C with 2% $CaCl_2$ + .005#/sx Static Free + .005gps FP-6L.

Production - Cement with 630sx 15:61:11 POZ/C/Silica with .005#/sx Static Free + .005gps FP-6L + 11#/sx CSE + .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C with .005#/sx Static Free + .005gps FP-6L + .5% FL-25.
Estimated top of cement is 6000'.

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

MUD:

0 - 350'	Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt 8.7-9.2 ppg, Vis 32-34 sec
350' - 1500'	Brine water. Lime for pH control (10.0-10.5). Paper for seepage. Wt 9.6-10.1ppg, Vis 28-29 sec
1500' - 6000'	Fresh water. Lime for pH control(9-9.5). Paper for seepage. Wt 8.4 ppg, Vis 28-29 sec
6000' - 8700'	Cut brine. Lime for pH control (10-10.5). Wt 9.6 - 10.0 ppg, Vis 28-29sec
8700' - 9600'	Mud up with an Duo Vis/Flo Trol mud system. Wt 10-10.2ppg, Vis 34-38sec, WL<8cc