

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

ATTACHMENT 3160-3  
OXY USA Inc.  
OXY Pop Tart Federal #1  
SEC 21 T17S R28E  
Eddy County, NM

PROPOSED TD: 10500' TVD

BOP PROGRAM: 0' - 400' None

400' - 2100' 13-3/8" 5M blind and pipe rams with 5M annular preventer.

2100' - 10500' 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 400'

Intermediate: 8-5/8" OD 24# K55 ST&C new casing from 0-2100'

Production: 4-1/2" OD 11.6# N80 LT&C new casing from 0-10500'

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

Intermediate - Circulate cement with 315sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + 2% CaCl<sub>2</sub> + .25 #/sx Cello-Flake + 5#/sx Gilsonite followed by 200sx Cl C with 2% CaCl<sub>2</sub> + .005#/sx Static Free + .005gps FP-6L.

Production - Cement with 750sx 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 - 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' - 2100' Brine water. Lime for pH control (10.0-10.5). Paper for seepage.  
Wt 9.6-10.1ppg, Vis 28-29 sec

2100' - 6900' Fresh water. Lime for pH control (9-9.5). Paper for seepage.  
Wt 8.4 ppg, Vis 28-29 sec

6900' - 9300' Cut brine. Lime for pH control (10-10.5).  
Wt 9.6 - 10.0 ppg, Vis 28-29sec

9300' - 10500' Mud up with an Duo Vis/Flo Trol mud system.  
Wt 10-10.2ppg, Vis 34-38sec, WL<8cc

ANN T17S R28E  
ROSWELL, NM

FEB 25 99

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