Form 3160-3 (July 1992)	CITESIA, NM SCOLO-20034 SUBMIT IN TRIA JUATE* FORM APPROVED						
(July 1992)	UNIT	TED STATES		ther instructions on reverse side)	OMB NO). 1004-0136	
	DEPARTMENT	DEPARTMENT OF THE INTERIOR			Expires: February 28, 1995		
	BUREAU OF	BUREAU OF LAND MANAGEMENT			J. LEASE DEBIGNATION AND BEBIAL NO.		
APP	LICATION FOR PI				NM04834		
8. TYPE OF WORK			ILL OR DE			TTES OR TRIBE NAME	
D. TYPE OF WELL		DEEPEN	SINGLE		7. UNIT AGREEMEN	TNAMB	
NAME OF OPERATOR	WELL X OTHER		ZONE X		8. FARM OR LEASE NAME	WELL NO 246/06	
	OXY USA Inc.	1110		16606	OXY Pop Tart	: Federal #1	
ADDRESS AND TELEPHONEN		1669	e	16696	9. API WELL NO.		
P.O. BOX 502		79710-0250	a	15-685-5717	30-015- 3	0656	
LOCATION OF WELL (Report location clearly and	in accordance with an	y State requirem	1J-00J-J/1/	10. FIELD AND POOL	PENN	
	FNL 1980 FWL SEN		•			Morrow	
At proposed prod. ze	one				11. SBC., T., B., M., G AND SURVEY OR Sec 21 T17S	ABBA	
	AND DIRECTION FROM NEAR		ICE*		12. COUNTY OR PARI		
13 miles sou	theast from Arte				EDDY	NM	
DISTANCE FROM PRO LOCATION TO NEARE PROPERTY OR LEASE	8T		NO. OF ACRES IN		F ACRES ASSIGNED		
(Also to nearest dr	ig. unit line, if any i	660'	320	TU TI	IS WELL	320	
DISTANCE FROM FRO TO NEAREST WELL.	DRILLING, COMPLETED.		PROPOSED DEPTH	20. BOTAL	AT OR CABLE TOOLS		
OR APPLIED FOR, ON T	HIS LEASE. FT. hether DF. RT, GR. etc.)	N/A	10500'		Rotary		
	L CONTROLLED	ATER BASIN	3634'		22. APPROX. DATE 4/1/9	WORK WILL START"	
	F	PROPOSED CASING A	ND CEMENTING	PROGRAM			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING D	Ертн	QUANTITY OF CED		
17-1/2"	<u>13-3/8" H40</u>	48#	400'	3600	<u> </u>		
	<u>8-5/8" K55</u>	24#	2100'		<u>- Circulate</u>		
7-7/8"	4-1/2" N80	11.6#	10500'		- Est TOC 6		
	5	SEE OTHER SIDE	5	Not the West	OCORECEIUNE ARTESIA ARTESIA	1516272829303	
inner Da	E PROPOSED PROGRAM: If pro- inent data on subsurface locations a subsurface locations a rai or State office use)	D	AVID STEWA EGULATORY	ANALYST	DATEZ[Z	بالمم	
	tot warrant or certify that the application	ant holds legal or any hit					
UNDITIONS OF APPROVAL		Parian	B	he subject lease which would office Manager.		onduct operations thereon	
(ORI	G. SGD.) ARMANDO A. LOP	EZ	Lands and Mi	nerals	MAY 24	19 99	

 <u> </u>	TITLE	

APPROVED BY

DATE MAY 24 1999

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any ortartment or agency of the

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% CaCl₂ + .25#/sx Cello-Flake followed by 200sx Cl C with .005#/sx Static Free + .005gps FP-6L + 2% CaCl₂.
 - Intermediate Circulate cement with 315sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + 2% CaCl₂ + .25 #/sx Cello-Flake + 5#/sx Gilsonite followed by 200sx Cl C with 2% CaCl₂ + .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/nat:ve 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
- Solution
 Solution

 WITH
 2100' 6900'
 Fresh water. Line 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