

Form 3160-3
(July 1992)

New Mexico Oil Conservation Division
1525 N. 1st St. N. 1st Fl.
Albuquerque, NM 87102
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN 1
(Other instructions on
reverse side)

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM101608	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR OXY USA Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 50250 Midland, TX 79710-0250 915-685-5717		8. FARM OR LEASE NAME, WELL NO. OXY Banana Girl Federal #12	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980 FSL 1980 FWL NESW(K) At proposed prod. zone		9. API WELL NO. 30-025-35322	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9 miles west from Jal, NM		10. FIELD AND POOL, OR WILDCAT Undsg. Humphreys Mill Morrow	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 10 T25S R35E	
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE NM	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A		20. ROTARY OR CABLE TOOLS R	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3235'		22. APPROX. DATE WORK WILL START* 12/15/00	

PROPOSED CASING AND CEMENT				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H40	48#	700' 835'	650sx - Circulate
12-1/4"	9-5/8" K55	36#	5250'	1482sx - Circulate
8-3/4"	7" N80	26#	12500'	600sx - EST TOC 8000'
6-1/2"	4-1/2" P110	11.6#	12300-15800'	520sx - EST TOC 12300'

OPER. OGRID NO. 16696
PROPERTY NO. 27055
POOL CODE 78875
EFF. DATE 12-27-00
API NO. 30-025-35322

SEE OTHER SIDE

APPROVE SUBJECT TO
GENERAL REQUIREMENTS
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED David Stewart TITLE Regulatory Analyst DATE 11/1/00
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

/S/LARRY D. BRAY

Assistant Field Manager,
Lea and Andrews

APPROVED BY _____ TITLE _____ DATE _____

*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 department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OXY Banana Girl Federal #2
1980 FSL 1980 FWL SEC 10 T25S R35E Lea County, NM
Federal Lease No. NM101608

PROPOSED TD: 15800' TVD

BOP PROGRAM: 0-700' None
700-5250' 13-5/8" 3M annular preventer.
5250-12500' 11" 5M blind pipe rams with 5M annular preventer and rotating head below 8300'.
12500-15800' 7-1/16" 10M blind pipe rams with 10M annular preventer and rotating head below 12500'.

CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 700'
17-1/2" hole

Intermediate: 9-5/8" OD 36# K55 ST&C new casing from 0-5250'
12-1/4" hole

Protection: 7" OD 26# N80 ST&C new casing from 0-12500'
8-3/4" hole

Liner: 6-1/2" OD 1.6# P110 LT&C new casing from 12300-15800'
6-1/2" hole

CEMENT: Surface - Circulate cement with 450sx 35:65 POZ/C with 6% Bentonite + 2% CaCl₂ + 5#/sx LCM-1 followed by 200sx Cl C with 2% CaCl₂.

Intermediate - Circulate cement in two stages - DV tool at 3000' -
1st Stage - 469sx 35:65 POZ/C with 6% Bentonite + 5% Sodium Chloride + 5#/sx LCM-1 followed by 250sx Cl C with 1% CaCl₂.
2nd Stage - 663sx 35:65 POZ/C with 6% Bentonite + 5% Sodium Chloride + 5#/sx LCM-1 followed by 100sx Cl C with 1% CaCl₂.

Protection - Cement with 600sx 15:61:11 POZ/C/CSE with .7% FL-25 + .7% FL-52 + 5% Potassium Chloride + 5#/sx LCM-1 + 1#/sx BA-61.
Estimated top of cement is 8000'.

Liner - Cement with 520sx Cl H w/ 1% FL-62 + .4% CD-32 1#/sx BA-61.

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

MUD: 0-700' Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt 8.7-9.2 ppg, Vis 32-34 sec
700-5250' Brine water. Lime for pH control (10.0-10.5). Paper for seepage. Wt 8.3-9.0/10.0-10.1ppg, Vis 28-29 sec
5250-8800' Fresh water. Lime for pH control (9-9.5). Paper for seepage. Wt 8.3-8.5 ppg, Vis 28-29 sec
8800-12500' Cut brine. Lime for pH control (10-10.5). Wt 9.6-10.0 ppg, Vis 28-29sec
12500-15800' Mud up with an Duo Vis/Flo Trol mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc