

Submit to Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B1327

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Lease Name or Unit Agreement Name Myers Langlie Mattix Unit
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		
2. Name of Operator OXY USA Inc.		8. Well No. 264
3. Address of Operator P.O. Box 50250 Midland, TX 79710		9. Pool name or Wildcat Langlie Mattix 7 Rvrs Q-G
4. Well Location Unit Letter <u>L</u> : <u>1400</u> Feet From The <u>South</u> Line and <u>160</u> Feet From The <u>West</u> Line Section <u>32</u> Township <u>T23S</u> Range <u>R37E</u> NMPM Lea County		

10. Proposed Depth 3850'		11. Formation 7 RVRS Q-GB	12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.) 3305'	14. Kind & Status Plug. Bond Required/Approved	15. Drilling Contractor N/A	16. Approx. Date Work will start ASAP

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	400'	260	Surface
7 7/8"	5 1/2"	15.5#	3850'	810	Surface

It is proposed to drill this well to a TD of 3850'.

Approval for drilling only -- CANNOT produce until Non-Standard Location is approved.

See other side

OPER. GRID NO. 16696  
PROPERTY NO. 01014953  
POOL CODE 37240  
EFF DATE 6-8-94  
API NO. 30-025-32535

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Engineering Advisor DATE 6/2/94  
TYPE OR PRINT NAME Scott E. Gengler TELEPHONE NO. 915-6855600

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUN 09 1994

CONDITIONS OF APPROVAL, IF ANY:

Bit Program:	12-1/4" hole to 400' 7-7/8" hole to TD	
BOP Program:	0 - 400' 400' - TD	None 3000# WP pipe and blind rams w/ 3000# WP annular preventer and choke manifold
Mud Program:	0 - 400'	Drill w/ a gel/lime slurry. Use paper to control seepage and for sweeps.
	400' - 3350'	Drill with 10# brine water. Circulate through the reserve pit to control solids. Use paper to control seepage and for sweeps.
	3350' - TD	Raise viscosity to 32-34 secs with salt gel. Reduce waterloss to < 15 cc's. Keep pH < 10.
Coring Program:		None planned
Logging Program:		GR-DLL-MSFL-caliper GR-CNL-lithodensity
DST Program:		None planned
Casing Program:	Surface	0 - 400' 8-5/8" 24# K55 STC
	Production	0 - TD 5-1/2" 15.5# K55 STC (roughcoat 500')
Cement program	Surface	Lead 260 sx Cl C + 2% CaCl <sub>2</sub> + 1/4 pps cellophane flakes
	Production	Lead 660 sx Premium Plus w/15 pps salt + 1/4 pps cellophane flakes
		Tail 150 sx 50/50 Poz/Cl C + 2% gel + 3 pps KCl + .3% Halad- 9
		Calculate annular volume from caliper log and adjust volumes if necessary.
Wellhead		8-5/8" 3000# WP Larken "Unistack" casing head 5-1/2" x 2-7/8" 3000# WP Larken "Unistack" tubing head
H <sub>2</sub> S safety		While drilling below 3000', protective breathing equipment at 2 sites, wind direction indicator, and automatic H <sub>2</sub> S detection and alarm equipment shall be on location. All contractor and company personnel shall be trained in H <sub>2</sub> S safety in accordance with TRC Rule 36.

9477-311  
H<sub>2</sub>S safety  
OGD  
OFFICE