

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

FEB - 7 1994

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)
30-015-27866
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-1313

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 Illinois Camp "20" State			
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Well No. 1			
2. Name of Operator Mewbourne Oil Company		9. Pool name or Wildcat. Illinois Camp Morrow (Und)			
3. Address of Operator P. O. Box 5270; Hobbs, New Mexico 88241		90622			
4. Well Location Unit Letter C : 1980 Feet From The West Line and 660 Feet From The North Line Section 20 Township 18S Range 28E NMPM Eddy County					
10. Proposed Depth 10,700'		11. Formation Morrow	12. Rotary or C.T. Rotary		
13. Elevations (Show whether DF, RT, GR, etc.) 3602' GR	14. Kind & Status Plug. Bond Blanket on file	15. Drilling Contractor Peterson Drilling	16. Approx. Date Work will start March 1, 1994		
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	400'	400	Circulated
12 1/4"	9 5/8"	36#	2600'	700	Tie back surf.
8 3/4"	5 1/2"	17#	10,700'	1200	Tie back Int.

BOP PROGRAM: Hydril annular preventor (bag-type preventor) 900 series on surface casing to intermediate casing point.
Schaffer LWS or equivalent (double-ram hydraulic) 900 series w/Hydril 900 series from intermediate casing to total depth.
Rotating head, PVT system, flow monitors, and mud-gas separator from top of Wolfcamp formation to T. D.

MUD PROGRAM: 0' - 400' Fresh Water w/spud mud, paper for LCM as needed.
400' - 2600' Brine Water w/paper for LCM as needed; Lime for pH.
2600' - 9700' Cut brine w/paper for LCM as needed; Lime for pH.
9700' - 10,700' Cut brine w/driscap, salt gel, starch, soda ash, and caustic soda. Wt. 9.2 - 9.8 ppg; WL 10 cc's or less; Vis. 32 - 36.

GAS IS NOT DEDICATED
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 Bill Pierce TITLE Drilling Supt. DATE 2/1/94

TYPE OR PRINT NAME Bill Pierce TELEPHONE NO. 505 393-5905

(This space for State Use)

APPROVED BY Mark Kibling TITLE GEOLOGIST DATE 2-22-94
CONDITIONS OF APPROVAL, IF ANY: APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 8-22-94
UNLESS DRILLING UNDERWAY