

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

State of New Mexico  
Geology, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

CIT  
SUM  
OP

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

# OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87501

JUN 1 1 1992

API NO. (assigned by OCD on New Wells)
30-015-27028
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

O.C.D.

## 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 Vandiver AIM			
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Well No. 1			
2. Name of Operator Yates Petroleum Corporation		9. Pool name or Wildcat Undesignated Morrow			
3. Address of Operator 105 South Fourth Street, Artesia, New Mexico 88210		x			
4. Well Location Unit Letter L : 2310 Feet From The South Line and 600 Feet From The West Line Section 17 Township 18S Range 26E NMPM Eddy County					
10. Proposed Depth 9100'		11. Formation Morrow			
12. Rotary or C.T. Rotary		13. Elevations (Show whether DF, RT, GR, etc.) 3404' GR			
14. Kind & Status Plug. Bond Blanket		15. Drilling Contractor Undesignated			
16. Approx. Date Work will start AS soon as possible		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#	500'	450 sx	Circulated
12 1/4"	9 5/8"	36#	1300'	650 sx	Circulated
7 7/8"	5 1/2"	15.5 & 17#	TD	300 sx	8100'

Yates Petroleum Corporation proposes to drill and test the Morrow and intermediate formations. Approximately 500' of surface casing will be set to shut off gravel and cavings, and cement circulated. Intermediate casing will be set approximately at 1300' (100' below base of the Artesian water zone), and cement circulated. Production casing will be set to TD and cemented with adequate cover.

**MUD PROGRAM:** Spud mud to 500'; fresh water to 1300'; cut Brine to 8200'; SW gel/Starch/driepak.

**BOP PROGRAM:** BOPE installed on 9 5/8" casing, tested daily, yellow jacket prior to drilling wolfcamp.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 12-16-92  
UNLESS DRILLING UNDERWAY

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 Ken Beardemphl TITLE Landman DATE 6-10-92  
TYPE OR PRINT NAME Ken Beardemphl TELEPHONE NO. 748-1471

(This space for State Use)

ORIGINAL SIGNED BY  
MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II TITLE  DATE JUN 16 1992

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY N.M.O.C.D. IN SUFFICIENT  
TIME TO WITNESS CEMENTING THE  
13 3/8" CASING

Post ID-1  
6-19-92  
New loc + API