

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 P.O. Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)
30-025-31953

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.
V-2665

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:
DRILL RE-ENTER DEEPEN PLUG BACK

b. Type of Well:
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Mitchell Energy Corporation

3. Address of Operator
P.O. Box 4000, The Woodlands, TX 77387-4000

4. Well Location
Unit Letter V-N : 660 Feet From The South Line and 1980 Feet From The West Line
Section 4 Township 21S Range 33E NMPM Lea County

7. Lease Name or Unit Agreement Name
Comanche State Unit

8. Well No.
3

9. Pool name or Wildcat
Hat mesa Wildcat Morrow

10. Proposed Depth
14,750

11. Formation
Morrow

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
3781 GR

14. Kind & Status Plug. Bond
Blanket on File

15. Drilling Contractor

16. Approx. Date Work will start

17. **PROPOSED CASING AND CEMENT PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"	94#	500'	Premium	Surface
17-1/2"	13-3/8"	68#	3850'	Lite + Premium	Surface
12-1/4"	8-5/8"	32#	5500'	Lite + Premium	2800'
7-7/8"	5-1/2"	17#	TD	Lite + Premium	8500'

Mitchell proposes to drill to a depth sufficient to test the Morrow formation for gas. If productive, 5 1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with State of New Mexico regulations. Blowout preventer schematic attached as Exhibits 1 & 1A.

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 George Mullen TITLE Regulatory Affairs Specialist DATE 04-19-93

TYPE OR PRINT NAME George Mullen TELEPHONE NO. (713) 377-5855

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway.