

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name N/A
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"/>		8. Farm or Lease Name Baer
2. Name of Operator Mitchell Energy Corporation		9. Well No. 1
3. Address of Operator P. O. Box 4000, The Woodlands, TX 77387-4000		10. Field and Pool, or Wildcat Big Dog
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>15S</u> RGE. <u>35E</u> NMPM		12. County Lea
19. Proposed Depth 12,000		19A. Formation Strawn
20. Rotary or C.T. Rotary		
21. Elevations (show whether DF, RT, etc.) 4003' G.L.	21A. Kind & Status Plug. Bond Active Blanket	21B. Drilling Contractor Unknown
		22. Approx. Date Work will start 1-15-86

23.

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	54.5#	400'	420	Surface
12-1/4	8-5/8	32.0#	3800'	1275	Surface
7-7/8	5-1/2	17.0#	11,700'	550	9000'

A 17-1/2" hole will be drilled to 400' with 13-3/8" surface casing cemented to the surface. A 12 1/4" hole will be drilled to 3800' with 8-5/8" casing cemented to the surface. The 5-1/2" production casing will be set in a 7-7/8" hole at 11,700'. The 5-1/2" will be cemented w/ 550 sxs Class H and 1%CF-1. Calculated TOC @ 9000'. A temperature survey will be run.

see C-103 Proposed for amended depth
see Amended permit change of location
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.

Signed Bill Spencer Title Sr. Regulatory Affairs Coord. Date 12/19/85

(This space for State Use)
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

DEC 27 1985

RECEIVED

DEC 26 1985

O. C.
HODGINS OFFICE