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5A. Indicate Type of Lease  
STATE  FEDERAL

5. State Oil & Gas Lease No.

*Amended*

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 Wildcat
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1900</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, KI, 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#	11700'	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 a 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.

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 G. Spencer Bill G. Spencer Title Sr. Regulatory Affairs Coord. Date 3-20-86

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
APPROVED BY DISTRICT I SUPERVISOR TITLE \_\_\_\_\_ DATE MAR 24 1986

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

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