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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E-1587	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		8. Farm or Lease Name Lea "IH" State	
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"/>		9. Well No. 1	
2. Name of Operator Gulf Oil Corporation		10. Field and Pool, or Wildcat Pearl Queen	
3. Address of Operator P. O. Box 670, Hobbs, N.M 88240			
4. Location of Well UNIT LETTER K LOCATED 1980 FEET FROM THE south LINE AND 1980 FEET FROM THE west LINE OF SEC. 30 TWP. 19S RGE. 35E NMPM		12. County Lea	
19. Proposed Depth 5200' PB		19A. Formation Dolomite	20. Rotary or C.T. Pulling unit
21. Elevations (Show whether DF, RT, etc.) 3752' GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Baber Well Service	22. Approx. Date Work will start 4-18-72

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#	354'	420 sx	Circ
11"	8-5/8"	32#	4035'	265 sx	3140'
7-7/8"	5 1/2"	17#	5200'	380 sx	N.A.
Tbg.	2-3/8"	4.70#	5000'	--	--

10,367' PB. Set CI BP at 9800' and cap with 5 sacks cement. Load hole with abandonment mud, cut and recover 5 1/2" 17# casing from approximately 8500'. Set 100' (25 sx) cement plug across top of 5 1/2" casing stub. Set 100' (45 sx) cement plug across top of Lea Bone Springs formation from 8190' up to 8090' and set 100' (42 sx) cement plug from 5300' up to 5200' for casing seat. Run 5 1/2" 17# casing to approximately 5200' and cement in place. Perforate 5 1/2" casing from 4740-42' and 4986-88' with 4, .70" JHPF. Frac treat and place well on production.

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 C. J. Kaltner Title Area Engineer Date 4-18-72

(This space for State Use)

Orig. Signed by
Joe D. Ramey
Dist. I, Supv.

APPROVED BY _____ TITLE _____ DATE APR 19 1972

CONDITIONS OF APPROVAL, IF ANY:

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APR 1 1952

OIL CONSERVATION BOARD
HOUSTON, TEXAS