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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE FEDERAL

5. State Oil & Gas Lease No.

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 type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Re-enter P&A well SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Firm or Lease Name W. D. Grimes (NCT-A)	
2. Name of Operator Gulf Oil Corporation		9. Well No. 1	
3. Address of Operator P. O. Box 670, Hobbs, N.M. 88240		10. Field and Pool, or Wildcat Byers Queen Gas	
4. Location of Well UNIT LETTER D LOCATED 330 FEET FROM THE north LINE AND 330 FEET FROM THE west LINE OF SEC. 32 TWP. 18S RGE. 38E NMPM		12. County Lea	
19. Proposed Depth 3765'		19A. Formation Queen	20. Rotary or C.P. --
21. Elevations (Show whether DP, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
	15 1/2"	70#	242'	200	circulated
	9-5/8"	36#	2735'	600	"
	6-5/8"	24#	3933'	200	
	4-1/2" liner	9.5#	4259'	70	

It is proposed to re-enter plugged and abandoned well and recomplete in Byers Queen Gas as follows: Drill out surface cement plug and clean out to 3765'. Pressure test casing to 500#. Spot 500 gallons mud acid on bottom, pull out of hole. Run Gamma Ray-CCL log and perforate Byers Queen gas zone at 3684-86', 3714-16', 3734-36' and 3747-49'. Run tubing and H. packer with hydraulic hold down. Set packer above acid column at approximately 3300', pump acid into perforations, then lower and reset packer at approximately 3625'. Run producing equipment, swab and test well for 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 [Signature] Title Area Geologist Date 11-10-71

(This space for State Use)

APPROVED BY [Signature] DATE NOV 22 1971
CONDITIONS OF APPROVAL, IF ANY: This well must not be produced until approval is obtained for the non-standard location.