

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

21-025 25708  
Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Gill Deep	
2. Name of Operator Amerada Hess Corporation, Att: Drilling Services		9. Well No. 4	
3. Address of Operator P.O. Box 2040, Tulsa, Oklahoma 74102		10. Field and Pool, or Wildcat Barnes - Drinkard	
4. Location of Well UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 31 TWP. 21S RGL. 37E NMPM		12. County Lea	
21. Elevations (Show whether DF, RT, etc.) Gr. 3272.3 ungraded		19. Proposed Depth 6700'	19A. Formation Drinkard
21A. Kind & Status Plug, Bond Blanket		20. Rotary or C.T. Rotary	22. Approx. Date Work will start Jan. 5, 1976
21B. Drilling Contractor Cactus Drlg. Co.			

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8" OD	32#	1200'	500	surface
7-7/8"	5-1/2" OD	14 & 15.5#	6700'	1900	3000'

Plan to drill a 12 1/4" hole to 1200', set and cement 8-5/8" OD csg. at 1200' with 500 sx., WOC and drill a 7-7/8" hole out under 8-5/8" csg. to a proposed TD of 6700' or a sufficient depth to test the Drinkard zone, log well and if indicate productive, run, set and cement 5 1/2" OD csg. at 6700' and single complete in the Drinkard formation. (No cores or drill stem test anticipated)

## BLOWOUT EQUIPMENT CONSIST OF:

10" Cameron Type F, Ser. 900, dbl. hydraulic W/Payne closing unit. Gas separator and degasser complete with automatic choke. (All blowout equipment will be checked periodically by Cactus Drlg. Co.'s driller and Amerada Hess well site drilling supervisor)

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 E. L. Lippin Title Supervisor Tech/Drlg. Adm. Serv. Date 12/30/75

(This space for State Use)

APPROVED BY Jerry Sexton TITLE Supervisor DATE JAN 6 1976

CONDITIONS OF APPROVAL, IF ANY: