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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised 1-1-65

1A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. State Oil & Gas Lease No. NM-A-1469
7. Unit Agreement Name
8. Farm or Lease Name State "Q"
9. Well No. 5
10. Field and Pool, or Wildcat Monument, Paddock
12. County Lea
19. Proposed Depth 5300'
19A. Formation Paddock
20. Rotary or C.T. Rotary
21. Elevations (Show whether DE, RT, etc.) Gr. 3840'
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Cactus Drilling Co.
22. Approx. Date Work will start Aug. 15, 1974

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work					
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>					
2. Name of Operator Amerada Hess Corporation					
3. Address of Operator P.O. Drawer "D", Monument, New Mexico 88265					
4. Location of Well UNIT LETTER 0 LOCATED 800 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 16 TWP. 20S RGE. 37E NMPM					
23.					

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8" K-55	40 & 43.5#	1200' +/-	500	Surface
8-3/4"	7" K-55	23#	3800' +/-	600	1175'
6-3/4"	5" K-55(liner)	13#	5300' W/top @ 3600'	125	4050'

Plan to drill to est. T.D. at 5300' with 9-5/8" K-55 40 & 43.5# csg. set @ 1200' & cmt. W/300 sx lite & 200 sx. Class "C" cmt. (circulate), 7" K-55 23# csg. set @ 3800' & cmt. W/300 sx. lite & 300 sx. Class "C" cmt., log well at T.D. with the Paddock as main objective. If well is productive, set 5"OD K-55 liner @ 5300' with top @ est. 3600' & cmt. same W/125 sx. Class "C" cmt. Drill well by using native mud & fresh water gel from surface to 3800' W/waterloss 5 to 10 cc, change over to fresh mud and maintain 33/36 visc. & 5 to 7 cc waterloss.

Blowout preventer program will consist of a gas separator & degasser complete with automatic choke, 10" series 1500 preventer, 10" hydril, Ser. 1500. All of blowout equipment will be checked periodically

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 11-5-74

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. G. Gypson Title Adm. Asst. Drilling Services Date July 30, 1974

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE AUG 6 1974

CONDITIONS OF APPROVAL, IF ANY: