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NEW MEXICO OIL CONSERVATION COMMISSION

API #30-021-20060

Form C-101
Revised 1-1-75

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-3694-3	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Well Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Form or Lease Name	
c. Well Type OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER CO2 Gas Well <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		State	
2. Name of Operator		9. Well No.	
Amerada Hess Corporation		1	
3. Address of Operator		10. Field and Foot, or Wildcat	
Box 2040 - Tulsa, Oklahoma 74102			
4. Location of Well		11. County	
UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE		Harding	
AND 1980 FEET FROM THE West LINE OF SEC. 17 TWP. 20N R. 32E N. 32E			
12. Proposed Depth		19A. Formation	
2500'		Pre-Cambrian	
21. Elevation (show whether DT, RL, etc.)		21. Rotary or C.T.	
4800' +/- GL		Rotary	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		9-1-79	
21B. Drilling Contractor			
Baker & Taylor			

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"	24	300' +/-	200	Circ.
7-7/8"	4-1/2"	9.5	2500' +/-	700	Circ.

MI and spud 12 1/4" hole and drill to 300'. Run, set and cmt. 8-5/8" csg. WOC, TIH and drill to Proposed DST #1 point in the Santa Rosa at 1100', and run DST #1. Drill ahead to the San Andres point at 1470', for DST #2. Drill ahead to the Glorietta sand at 1770' for Core #1. Core 60' from 1717 to 1777 and after coring take DST #3. After DST #3, drill to core point in Tubb sand at 2220'. Cut 120' core from 2220' to 2340'. LD Core bbl. and drill ahead to the proposed TD of 2500'. Circulate and log. After logging if productive, run production csg. and cement. RD and Move out drilling rig and MI completion unit.

BLOWOUT PREVENTER:

Consists of a 10" Cameron Type "F" Ser.900 dbl. hyd. w/closing unit. Gas separator and de-gasser complete w/Automatic choke. All BOP equipment will be checked periodically by drilling company driller and Amerada Hess well site drilling supervisor.

APPROVAL VALID FOR 90 DAYS

PERMIT EX. WES 11-27-79

UNLESS DRILLING UNDERWAY

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 H.O. Porter H.O. Porter Title Supv. Drilling Admin. Services Date August 22, 1979

(This space for State Use)

APPROVED BY Carl Ullvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 9/4/79

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION COMMISSION TO BE NOTIFIED
WITHIN 24 HOURS OF BEGINNING OPERATIONS

COLLECT AND SAVE SAMPLES FOR
NEW MEXICO OIL CONSERVATION COMMISSION
AT AT LEAST TEN FOOT INTERVALS

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-128
 Effective 1-1-65

All distances must be from the outer boundaries of the Section

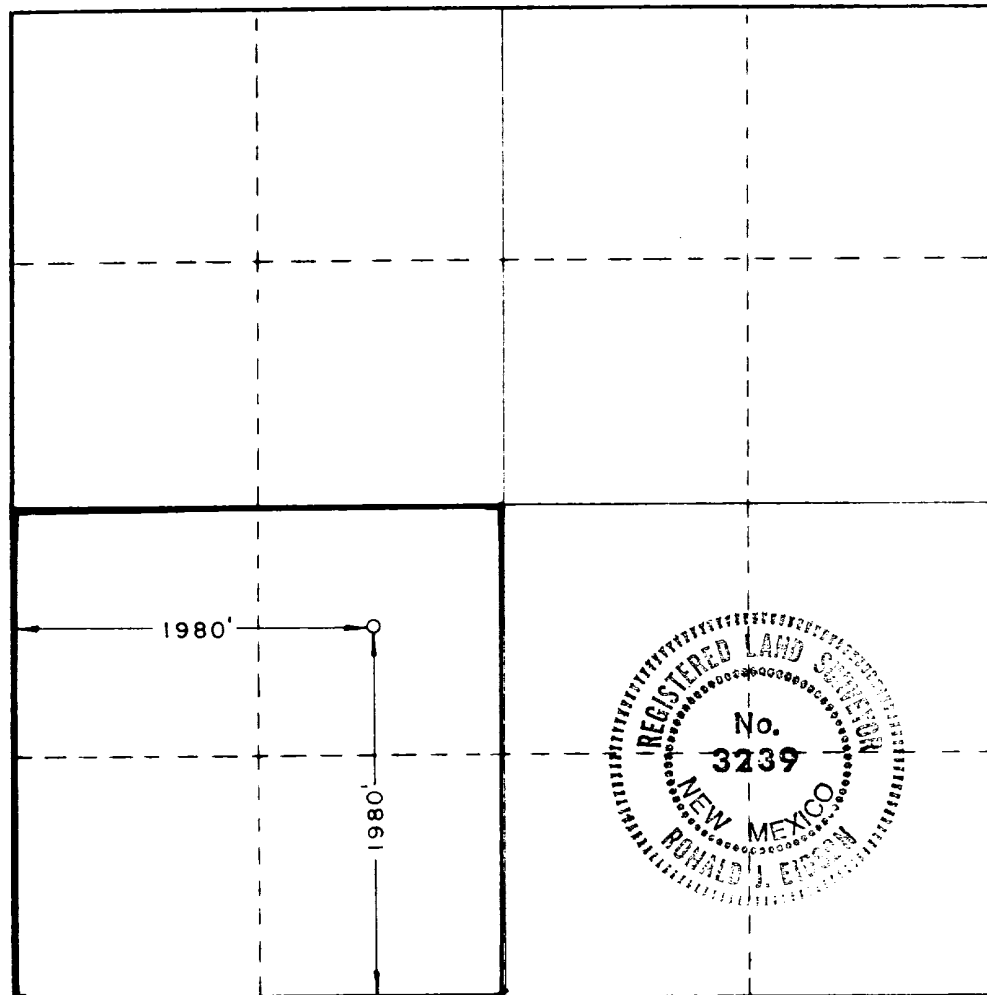
Operator AMERADA HESS CORPORATION			Lease STATE		Well No. 1
Initial Letter K	Section 17	Township 20 NORTH	Range 32 EAST	County HARDING	
Actual Footage Location of Well: 1980 feet from the SOUTH line and 1980 feet from the WEST line					
Ground Level Elev. 4791.6	Producing Formation Pre Cambrian	Pool Wildcat		Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation N/A

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

H.O. Porter **H.O. Porter**
 Name

Supv. Drilling Admin. Svcs.
 Position

Amerada Hess Corporation
 Company

August 27, 1979
 Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
AUGUST 20, 1979

Registered Professional Engineer
 and of Land Surveyor

Ronald J. Eidson
 Certificate No. **John West** 676
Ronald J. Eidson 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600