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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.	

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	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		State EC "C"	
2. Name of Operator		9. Well No.	
Amerada Hess Corporation		2	
3. Address of Operator		10. Field and Pool, or Wildcat	
Drawer D, Monument, New Mexico 88265		East Caprock-Wolfcamp	
4. Location of Well		12. County	
UNIT LETTER <u>B</u> LOCATED <u>1980'</u> FEET FROM THE <u>East</u> LINE		Lea	
AND <u>660'</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>11</u> TWP. <u>12S</u> RGE. <u>32E</u> NMPM			
19. Proposed Depth		19A. Formation	
20. Rotary or C.T.		21. Elevations (Show whether DF, RT, etc.)	
Pulling Unit		4356' DF	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket		22. Approx. Date Work will start	
		10-15-87	

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"	35.6#	297'	225	Circ.
12-1/4"	8-5/8"	32 & 24#	3,585'	1,500	1,058'
11"	5-1/2"	20 & 17#	11,155'	600	8,603'

Plan to MIRU pulling unit, install BOP & TIH w/bit to 10,979'. Recover bit & run GR-CCL-CNL log fr. 10,979' to 8000'. Run CIBP on wireline set at 10,930' & dump 35' cement on top of CIBP. Test plug to 3000#. Abandon Devonian Zone. Perforate 5-1/2" csg. at 8300' w/4SPF, establish inj. rate into perfs & squeeze w/100 sks. Class H neat cement. WOC. Run bit, drill out squeeze, & test. Perforate Wolfcamp Zone 5-1/2" csg. fr. 8390' to 8406' w/2SPF. Acidize new perfs. w/1000 gal. 15% NEFE acid if necessary. Swab load & 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 R. L. Whaley, Jr. Title Supv. Adm. Svc. Date 10-14-87
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

OCT 15 1987

Permit Expires 6 Months From Approval
Date Unless Drilling Underway