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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☐ FEE ☒

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 M. J. Raley	
2. Name of Operator Amerada Hess Corporation		9. Well No. 2	
3. Address of Operator Drawer D, Monument, New Mexico 88265		10. Field and Pool, or Wildcat West Nadine-Blinebry	
4. Location of Well UNIT LETTER <u>M</u> LOCATED <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>8</u> TWP. <u>20S</u> RGE. <u>38E</u> NMPM		12. County Lea	
19. Proposed Depth 7850'		19A. Formation Blinebry	
20. Rotary or C.T. Pulling Unit		21. Elevations (Show whether DF, RT, etc.) 3573' DF	
21A. Kind & Status Plug. Bond Blanket		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
17-1/2"	13-3/8"	36#	296'	200	
12-1/4"	9-5/8"	36 & 40#	3,710'	1,775	1,184'
7-7/8"	5-1/2"	15.5-17-20#	9,290'	900	5,832'

Plan to MIRU pulling unit & install BOP. TIH w/gauge ring & junk basket & clean out fill if necessary to 7900'. Run GRN/CCL log fr. 7850' to 3600'. TIH w/CIBP set at 7850'. Run pkr. set at 7800' & test CIBP to 1000#. Open pkr. by-pass & test csg. to 1000#. Recover pkr. & dump 4 sks. cement on top of CIBP & WOC. Abandon McKee Zone. Run 4" csg. gun & perforate Blinebry Zone 5-1/2" csg. w/2SPF according to GRN log. TIH w/pkr. & acidize above Blinebry Zone perms. w/100 gal. 15% NEFE HCL acid per ft. of perforated interval. Swab load & evaluate production potential.

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. Wheeler, Jr. Title Supv. Adm. Svc. Date 11-10-87

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR

TITLE

DATE

NOV 17 1987

CONDITIONS OF APPROVAL, IF ANY: