

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)	30-025-06035
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>	7. Lease Name or Unit Agreement Name V. Laughlin
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Well No. 2
2. Name of Operator Amerada Hess Corporation	9. Pool name or Wildcat Eumont Yates 7. RQ
3. Address of Operator Drawer D, Monument, New Mexico 88265	
4. Well Location Unit Letter <u>C</u> : <u>660</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>9</u> Township <u>20S</u> Range <u>37E</u> NMPM Lea County	

10. Proposed Depth 3550' PBD	11. Formation Eumont	12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.) 3560' GR	14. Kind & Status Plug. Bond	15. Drilling Contractor
16. Approx. Date Work will start		

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13"	40#	236'	230	Previously ran
11"	8-5/8"	32#	2,442'	600	" "
7-7/8"	6-5/8"	20#	3,790'	100	" "

Plan to MIRU pulling unit, remove well head & install BOP. Pull prod. eqpt. TIH w/gauge ring & junk basket to + 3600' & TOH. Run 6-5/8" CIBP & set at 3575'. TIH w/pkr. & set at + 3550' & test CIBP to 4000# & press test csg. to 500#. Run CBL-CCL-GR tools fr. 3575' to 2075' or cement top. If cement bond is poor fr. 3100' - 3575', then re-run tool w/500# on csg. Evaluate cement bond across Queen-Penrose interval & perform block squeeze to maximize Zone isolation, if necessary. Dump 4 sks. Class "C" cement on top CIBP at 3575' for 25' fill. TIH w/4" csg. gun & perf. Eumont Zone w/2 SPF at intervals fr. 3258' - 3460'. TIH w/6-5/8" x 3-1/2" fullbore lockset pkr. & set at + 3200'. Press. test tbg. & csg. Acidize Eumont perms. fr. 3258' - 3460' w/3000 gal. 15% NEFE HCL acid using ball sealers as diverter. Re-set pkr. at + 3200' & hydraulically fracture Eumont perms. w/67,500 gal. 50 quality CO2 foam, 35 lbs. cross-linked guar gel & 250,000 lbs. 12/20 Brady sand at 30 BPM. Flow back to cleanup, if necessary. TOH w/pkr. & clean out fill, if necessary. Install pumping eqpt. & evaluate prod. 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.

SIGNATURE R. L. Wheeler, Jr. TITLE Supv. Adm. Svc. DATE 10-31-91

TYPE OR PRINT NAME R. L. Wheeler, Jr. TELEPHONE NO. 393-2144

(This space for State Use)

APPROVED BY Paul Kautz Geologist TITLE _____ DATE NOV 04 1991

CONDITIONS OF APPROVAL, IF ANY: