

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)
30-025-06117

5. Indicate Type of Lease:

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
A-1469

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☐ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☒

b. Type of Well:

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator
Amerada Hess Corporation

7. Lease Name or Unit Agreement Name

State "Q"

3. Address of Operator
Drawer D, Monument, New Mexico 88265

8. Well No.

2

4. Well Location
Unit Letter I : 1980 Feet From The South Line and 990 Feet From The East Line
Section 16 Township 20S Range 37E NMPM Lea County

9. Pool name or Wildcat
Eumont Yates 7RQ

10. Proposed Depth
11. Formation
Eumont Yates 7RQ
12. Rotary or C.T.

13. Elevations (Show whether DF, RT, GR, etc.)
3548' DF
14. Kind & Status Plug Bond
15. Drilling Contractor
16. 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
	10-3/4"	32#	207'	Previously	Ran
	7-5/8"	26.6#	2435'	"	"
	5-1/2"	17#	3782'	"	"

Plan to MIRU pulling unit & TOH w/rods & pump. Remove wellhead, install BOP & TOH w/tbg. Run gauge ring & junk basket to + 3700'. TIH w/5-1/2" CIBP & set at 3700'. TIH w/pkr. & test CIBP to 4000# & csg. to 500#. Run CBL-CCL-GR fr. 3600' - 2600' or top of cement. Evaluate cement bond across Queen-Penrose & perform cement squeeze if necessary. Dump 35' cement on top CIBP. P & A G/SA Zone. TIH w/4" csg. gun & selectively perforate Eumont Yates 7RQ Zone w/2SPF fr. 3250' - 3500'. Acidize Eumont Zone perms. w/3000 gal. 15% NEFE HCL acid using ball sealers as diverter. Hyd. fracture Eumont Zone perms. w/68,000 gal. 50 quality CO2 foam, 35 lbs. cross linked guar gel & 250,000 lbs. 12/20 Brady sand. Flow back to clean up & evaluate 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.

SIGNATURE R. L. Wheeler, Jr. TITLE Supv. Adm. Svc. DATE 7-31-92

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

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

AUG 04 '92

RECEIVED

AUG 03 1992

OCD HOSBS