

Submit to Appropriate
District Office
State Lease -- 6 copies
F. 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

FEB 28 1991

O. C. D.

API NO. (assigned by OCD on New Wells)

30-015-26707

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR RE-ENTER

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

Harroun

2. Name of Operator

Hallwood Petroleum, Inc. ✓

8. Well No.

1

3. Address of Operator

P. O. Box 378111, Denver, CO 80237

9. Pool name or Wildcat

Malaga Delaware

4. Well Location

Unit Letter 0 : 787 Feet From The South Line and 2530 Feet From The East Line

Section 7

Township 24S

Range 29E

NMPM

Eddy

County

10. Proposed Depth

3200'

11. Formation

Delaware

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

2946.1' GL

14. Kind & Status Plug. Bond

National Blanket

15. Drilling Contractor

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16. Approx. Date Work will start

March 20, 1991

17. 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#	400'	240 sx	Surf.
7-7/8"	4-1/2"	11.6#	3200'	310 sx	2450'

Hallwood Petroleum, Inc. wishes to advise that we intend to drill a 12-1/4" hole with spud mud to 400' and set 8-5/8", 24#, J-55 ST&C casing to 400', cementing to surface with 240 sx (350 cu ft) Class "H" cement. Wait on cement 12 hours, nipple up and test BOP. Drill 7-7/8" hole out of surface to 3200' with brine water and sweeps. Log well. Set 4-1/2", 11.6#, K-55 LT&C production casing to 3200' cementing up to 2450' with 310 sx (340 cu ft) of Class "H" cement.

Perforate pay section in the Delaware, acidize perforations and frac with approximately 4000 gallons of crosslinked gelled KCl water and 12,000 lbs of 20/40 Ottawa sand. Clean up well and install standard production equipment. Test well for a period not to exceed 30 days. (3000 psi-rated BOP's will be utilized)

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 10/10/91
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.

SIGNATURE Holly S. Richardson TITLE Sr. Ops. Eng. Tech. DATE 2/19/91

TYPE OR PRINT NAME Holly S. Richardson (303) 850-6322 TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

SUPERVISOR, DISTRICT II

APPROVED BY _____ TITLE _____ DATE APR 10 1991

CONDITIONS OF APPROVAL, IF ANY:

NSL-2926

Appn. 3-13-91