

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

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

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

OCT 31 '90

API NO. (assigned by OCD on New Wells)
30-015-34879 23879

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK
ARTESIA, OFFICE

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

Fate 34

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

Culebra Bluff S. Brushy Canyon

4. Well Location

Unit Letter N : 910 Feet From The South Line and 1980 Feet From The West Line

Section 34 Township 23S Range 28E NMPM Eddy County

10. Proposed Depth

+/- 9,365'

11. Formation

Brushy Canyon

12. Rotary or C.T.

-

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

3,038' GL, 3,058' KB

14. Kind & Status Plug. Bond

-

15. Drilling Contractor

-

16. Approx. Date Work will start

ASAP

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65#	403	420	Surf
14-3/4"	10 - 3/4"	40.5#	2,430	2,800	-
9-1/2"	7 - 5/8"	39#	9,890	2,150	-
5 - 1/2" liner 15.1#			9,375'-12,150'	300	

Hallwood Petroleum proposes to plug-back the above-referenced well from the Wolfcamp formation (perf's @ 10,606' - 10,655') to the Brushy Canyon zone of the Delaware formation as follows:

- MIRU completion unit. ND tree. NU BOP. Determine if tbq is collapsed, stuck, etc. Fish if necessary. TOOH w/tbg.
- RIH w/wireline and set 7-5/8", 39# CIBP at +/- 9,400'. Dump 35' cmt on top of plug.

(see back of page)

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 10/18/90
(303)
TELEPHONE NO. 850-6322

TYPE OR PRINT NAME Holly S. Richardson

(This space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II TITLE

NOV 6 1990

CONDITIONS OF APPROVAL, IF ANY:

3. RU wireline and run CBL-GR from 5000' to 7000'. Squeeze zones to be perforated if necessary.
4. TIH w/2-3/8" tbg and SN. Swab well dn to +/- 4500'. T00H w/tbg.
5. Perforate the following Brushy Canyon intervals:
6114-34', 6150-66', 6184-6206' (58') w/ 4 JSPF (235 shots) 90 degree phasing,
4" hollow carrier casing gun using maximum premium charges.
6. Flow well or TIH w/tbg, SN and 7-5/8", 39# pkr and swab test well.
7. Acidize w/2000 gal 7-1/2% HCl w/240 ball sealers. Surge balls or rel pkr
and TIH past perms. P00H to 6,050' and reset pkr. Frac well w/current frac
recommendation.
8. Flow or swab test well.

Upon permanent P&A of this well, Hallwood agrees to set additional cmt plugs
as required by the New Mexico Oil Conservation Division.