

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

OCT 31 '90

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)  
30-015-34979-23879

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

2. Name of Operator  
Hallwood Petroleum, Inc.

3. Address of Operator  
P. O. Box 378111, Denver, CO 80237

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

7. Lease Name or Unit Agreement Name  
Fate 34

8. Well No.  
1

9. Pool name or Wildcat  
Culebra Bluff S. Brushy Canyon

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 tbg 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  
SUPERVISOR, DISTRICT II TITLE \_\_\_\_\_ DATE NOV 6 1990

APPROVED BY \_\_\_\_\_

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'. TOOH 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 perfs. POOH 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.