

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 19 '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

O. C. D.

API NO. (assigned by OCD on New Wells)  
30-015-23521

5. Indicate Type of Lease  
STATE  FEE

6. State Oil & Gas Lease No.

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  
Hallwood Petroleum, Inc.

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

7. Lease Name or Unit Agreement Name  
Kimbley

8. Well No.  
1

9. Pool name or Wildcat  
N. Loving Brushy Canyon

4. Well Location  
Unit Letter G : 1830 Feet From The North Line and 2060 Feet From The East Line

Section 21 Township 23S Range 28E NMPM Eddy County

10. Proposed Depth  
 $\pm 9,165'$

11. Formation  
Brushy Canyon

12. Rotary or C.T.  
-

13. Elevations (Show whether DF, RT, GR, etc.)  
3,040' KB, 3,026' GL

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#	490'	750	Surf.
14-3/4"	10-3/4"	40.5#	2,502'	2,175	-
9-7/8"	7-5/8"	29.7# & 33.7#	9,628'	1,275	-
6-1/2"	5" Liner	23#	9,217'-12,875'	400	-

Hallwood Petroleum proposes to plug-back the Kimbley #1, which is dually complete in the Atoka formation (perf's @ 11,657' - 12,158') and the Morrow formation (perf's @ 11,360' - 11,312') to the Brushy Canyon zone of the Delaware formation as follows:

- MIRU SU. ND tree, NU BOP. Rel pkr, brk circ and circ hole clean. TOOH w/tbg.
- RIH w/WL & set 5" CIBP @ 11,250'. Dump 35' cmt on top. P.1 CIBP @ 11,250' Top Perm
- RIH w/WL & set 7-5/8" 33.7# CIBP @ 9,200' (17' above liner top). Dump 35' cmt on top.
- RU WL & run CBL-GR from 5,000' to 7,000'. Squeeze zones to be perf'd as nec.
- TIH w/2-7/8" tbg & swab well down to  $\pm 4,500'$ . TOOH w/tbg.
- Perforate Brushy Canyon from 6,040' - 6,095 (55') w/4 JSPF (221 shots), (cont'd on back)

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

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

(This space for State Use) ORIGINAL SIGNED BY MIKE WILLIAMS DATE OCT 26 1990

APPROVED BY SUPERVISOR, DISTRICT II TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

180  
4/25/91

6. (cont'd) 90° phasing, 4" hollow carrier csg gun.
7. Flow well or TIH w.tbg, SN, and 7-5/8" pkr & swab test well.
8. Acidize well w/2000 gals 7-1/2% HCl w/225 ball sealers. Surge balls or rel pkr & run past perfs. POOH & set pkr @ 5,950'. Frac well w/current frac proposal.
9. Flow or swab test well.

Upon permanent abandonment, Hallwood Petroleum agrees to set additional cmt plugs as required by the New Mexico Oil Conservation Division.