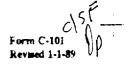
Submit to Appropriate Distinct Office State Lease — 6 copies Fee Lease — 5 copies

State of New Mexico Energy, Minerals and Natural Resources Department



DISTRICT I P.O. Bax 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION P.O. Box 2088

Amended

Santa Fe, New Mexico 87504-2088

DCT 11'90

API NO. (assigned by OCD on New Wells) 30-015-23340 5. Indicate Type of Lease

6. State Oil & Gas Lease No.

FEE XX STATE _

O. C. D.

	TION FOR PERMIT	TO DRILL, DEEPEN,	P. D. LUGWEDICK		
la. Type of Work:				7. Lease Name or Unit Agreement Name	
DRIL	L RE-ENTE	R DEEPEN	PLUG BACK X		
b. Type of Well: OL GAS		SINGLE	MULTIPLE		
WELL GAS C	OTHER	ZONE	ZONE	Cassidy Com	
2 Name of Operator				8. Well No.	
Hallwood Petroleum, Inc. /				. 1	
3. Address of Operator				9. Pool name or Wildcat	
P.O. Box 378111, Denver, CO 80237				Loving North Brushy Canyon	
4. Well Location	1000 F	From The Name 1	1 income.	CO Food From The	Wast Line
Unit Letter F	: 1980 Feet	From The North	Line and6	60 Feet From The	West
Section 2	9 Town	aship 23S Ran	ge 28E	NMPM Eddy	County
7/////////////////////////////////////					
		10. Proposed Depth	11.	Formuon	12. Rotary or C.T.
		± 9,100'		Brushy Canyon	-
13. Elevations (Show wheth	er DF, RT, GR, etc.)	14. Kind & Status Piug. Bond	15. Drilling Contracto	r 16. Approx.	Date Work will start
3,114.6' R	KB	-		ASA	<u>\P</u>
PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65# & 84#	400'	750	Surf.
14-3/4"	10-3/4"	40.5#	2,410'	2,175	Surf.
9-7/8"	7-5/8''	29.7# & 33.7#	9,670'	1,530	
6-1/2"	5" Liner	TOP: 9,250'	Btm: 12,750'	500	
Hallwood Petroleum, Inc. proposes to plug-back the Cassidy Com #1 from the Morrow zone (perf'd @ 12,216 - 338') to the Brushy Canyon zone @ 5,938 - 972' as follows:					
zone (perf'd @	12,216 - 3381) to the Brushy Ca	anyon zone @ 5	,938 - 972' as fo	llows:
1 MTDH completion of AMD A AMD DOD DOD DOD DOD DOD DOD DOD DOD DOD D					
1. MIRU completion unit. ND tree. NU BOP. Release pkr & TOOH APPROVAL VALID FOR 12. RIH w/WL & set 5" CIBP @ 12.100'. Dump 35' cmt on top of CIBP and Turner and Turn					
2. RIH w/WL & set 5" CIBP @ 12,100'. Dump 35' cmt on top of CIBERMIT EXPIRES 4/18/91					
3. RU WL & run CBL GR. Squeeze zones to be perf'd if necessary UNLESS DRILLING UNDERWAY 4. TIH w/2-7/8" tbg & SN. Swab well dn to ±4,500'. TOOH w/tbg.					
5. Perf Brushy Canyon from 5,938 - 5,972' (34') w/4 JSPF (137 shots) w/90° phasing,					
4" hollow carrier csg gun.					
6. Flow well or TIH w/tbg, SN & 7-5/8", 29.7# pkr & swab test well.					
7. Acidize w/2000 gals 7-1/2% HCl w/140 ball sealers. Surge balls or release pkr &					
run past perfs. Pull back up & set pkr @ 5,900'. Frac well. (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 PREV					
I nereby certify that the infor	mation above is true and compl	ete to the best of my knowledge and	belief.		
SIGNATURE SIGNATURE	Ly S. Fred	lardson m	ur Sr. Ops. E	ng. Tech.	ATE 10/4/90
TYPE OR PRINT NAME				TE	LEPHONE NO.
(This space for State Use) ORIGINAL SIGNED BY					
from sient tox prate cae)	MIKE WIL				00T 1 7 4000
		and the second of the second o		•	OCT 1 7 1990
APPROVED BY	OUTERVE	3OR DISTRICT II m	LC		·

8. Flow test.

As verbally approved by Mike Williams (NMOCD) on October 3, 1990, upon permanent P&A of this well, Hallwood agrees to set either a 1) CIBP capped with 35° of cement or 2) a 100' cement plug across the top of the Penn, Wolfcamp and above the liner.

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