

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: PENWELL ENERGY INC. 1100 ARCO BUILDING 600 N. MERIENFELD MIDLAND, TEXAS 79701 FEB 10 1997		OGRID Number 147380
Property Name HACKBERRY "31" STATE		API Number 30-015-29522
Property Code 20757	Well No. 1	

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
H	31	22S	26E		1980'	North	660'	East	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Happy Valley, Morrow 78060					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary ROTARY	Lease Type Code S	Ground Level Elevation 3374' GR.
Multiple NO	Proposed Depth 12,000'	Formation MORROW	Contractor UNKNOWN	Spud Date As soon as approved

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	Conductor	40'	Redi-mix	surface
17½"	13 3/8"	48	600'	600	Circ. to surface
12¼"	9 5/8"	36	2500'	875	" " "
8 3/4"	5½"	17	12,000'	1050	Est. TC 5000'

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

- Drill 25" hole to 40'. Set 40' of 20" Conductor and cement to surface/Redi-mix.
- Drill 17½" hole to 600. Run and set 600' of 13 3/8" 48# H-40 ST&C casing. Cement with 600 Sx. Class "C" + 2% CaCl. Circulate cement to surface.
- Drill 12¼" hole to 2500'. Run and set 2500' of 9 5/8" 36# J-55 ST&C casing. Cement with 575 Sx. Class "C" Halco Light + additives, tail in with 300 Sx. Class "C" + 2% CaCl. Circulate cement to surface.
- Drill 8 3/4" hole to 12,000'. Run and set 12,000' of 5½" 17# casing as follows: 2200" of S-95 LT&C, 7800' of N-80 LT&C, 2000' of S-95 LT&C casing. Cement with 475 Sx. of Cl "H" Halco Light, tail in with 575 Sx. Cl "H" + additives. Estimate top of cement 5000'

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Joe T. Janicea

Title: Agent

Date: 02/06/97

Phone: 505-202-2112

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval: See C 103 for revised