

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Arco, NM 88211-0719
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

Form C-101
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		OGRID Number 147380
Property Name LONETREE "14" STATE		API Number 30-015-29410
Property Code 20564	Well No. 4	

Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South Line	Feet from the	East/West Line	County
G	14	21S	27E		1980'	NORTH	1980'	EAST	EDDY

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South Line	Feet from the	East/West Line	County
Proposed Pool 1 CARLSBAD BONE SPRING EAST					Proposed Pool 2 96/44				

Work Type Code N	Well Type Code O	Cable/Rotary Rotary	Lease Type Code S	Ground Level Elevation
Multiple No	Proposed Depth 8000'	Formation Bone Spring	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	Cement to surface
17½"	13 3/8"	48	600'	600 Sx.	Circulate to surf.
12¼"	8 5/8"	32	2600' Zacc	900 Sx.	Circ. to surface
7 7/8"	5½"	17	8000'	550 Sx.	Est. TC 5200"

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.

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe. Cement to surface with Redi-mix. **Expired** the 3/18/97 casing

2. Drill 17½" hole to 600'. Run and set 600' of 13 3/8" H-40 48# ST&C casing. Cement with 600Sx. Class "C" + 2% CaCl + ¼# flocele/Sx. Circulate cement to surface. WOC-18 hrs

3. Drill 12¼" hole to 2600'. Run and set 2600' of 8 5/8" J-55 32# ST&C casing. Cement with 575 Sx. Halco Light Class "C" + additives, tail in with 300 Sx. Class "C" + 2% CaCl. Circulate cement to surface. WOC-18 hrs

4. Drill 7 7/8" hole to 8000'. Run and set 8000' of 5½" casing as follows: 1600' of 17# N-80 LT&C, 5000' of 17# J-55 LT&C, 1400' of 17# N-80 LT&C casing. Cement with 550 Sx. Class "H" + 8% salt + .6% Halad 322 + .6% Halad 344. TOC 5200'.

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

Signature:

Printed name:

Title: Agent

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Continued Approval:

B6A

District Supervisor

3-4-97

Expiration Date: 3-4-98