

District I
PO Box 1980, Hobbs, NM 88241
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Altec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Dept.

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
		API Number 30-015-29534
Property Code 20758	Property Name LONETREE "13" STATE	Well No. 3

Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
M	13	21S	27E		660'	SOUTH	660'	WEST	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 96144				

Work Type Code N	Well Type Code O	Cable/Rotary Rotary	Lease Type Code S	Ground Level Elevation 3167
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	Sorts of Cement	Estimated TOC
25"	20"	Conductor	40'	Redi-mix	Cement to surface
17 1/2"	13 3/8"	48	600'	600 Sx.	Circulate to surf
12 1/2"	8 5/8"	32	2600'	900 Sx.	Circ. to surface
7 7/8"	5 1/2"	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.
2. Drill 17 1/2" hole to 600'. Run and set 600' of 13 3/8" H-40 48# ST&C casing. Cement with 600Sx. Class "C" + 2% CaCl + 1/2# flocele/Sx. Circulate cement to surface. WCC - 18 hours
3. Drill 12 1/2" 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. WCC - 18 hours
4. Drill 7 7/8" hole to 8000'. Run and set 8000' of 5 1/2" 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

Joe T. Janica

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

BGA

District Supervisor

4-17-97

4-17-98

Notify NMOCC in sufficient time to witness cementing the 8 5/8" casing

EXPIRED

Posted ID#
NL & API
4-25-97

Posted 102
7-10-98

EXP INT

1997-1998

1997-1998

1997-1998