District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Azzec, NM 87410 District IV

2040 South Pacheco, Santa Fe, NM 87505

Proposed Pool 1

PIERCE CROSSING EAST-BONE SPRING(96473)

## OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Instructions on back Submit to Appropriate District Office  $\cup \setminus$ Lease - 6 Copies
Fee Lease - 5 Copies

MENDED -State Lease - 6 Copies

18 Proposed Pool 2

JAMENDED REPORT

APPLICATION FO	R PERMIT TO	DRILI	RF-FNTER	DEEDEN	DITIODACE	00 400 .	_
			- L. , I L. ,	PLIL LIN,	FLUUDACK,	UK ADD A	ZONE

				A					11 ZONE
Operator Name and Address. PENWELL ENERGY, INC.									GRID Number
					RIENFELD			147	380
			SUITE MIDLA		AS 79701		<b>A</b>	30 - 0	API Number 15-30141
229	erty Code	6		SPUDS	'P "36" STAT		MAR 1990 RECEIVED		* Well No.
					<sup>7</sup> Surface	Location	OCD - ARTES	1	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Unit "F"	36	24-S	29-E		2180 <b>'</b>	North	2310'	West	EDDY
		<sup>8</sup> Pr	oposed	Bottom	Hole Locati	on If Differe	nt From Sur	face	i EDD1
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

" Work Type Code	<sup>12</sup> Well Type Code	13 Cable/Rotary	14 Lease Type Code 15 Ground Level Elevation S		
N	O	R			
" Multiple NO	17 Proposed Depth 8500 †	1º Formation BONE SPRING	" Contractor UNKNOWN	3080' Spud Date As soon as approved	

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	<u> </u>	<del></del>
25"	20"			Sacks of Cement	Estimated TOC
		Conductor	40 <b>'</b>	Redi-mix	Surface
17½"	13 3/8"	48	350'	250 Sx.	11
11"	8 5/8"	32	3100'	500 Sx.	<del></del>
7 7/8"	5½"	17	8500	600 Sx.	5.600
				000 bx.	5600'
Describe the personal and	***				Pact TV

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

APJ + LOC

- 1. Drill 25" hole to 40'. Set 40' of 20" conductor cement to surface with Redi-mix.
- 2. Drill  $17\frac{1}{2}$ " hole to 350'. Run and set 350' of 13 3/8" H-40 48# ST&C casing. Cement with 150 Sx. Class "C"  $+ \frac{1}{2}$ # flocele/Sx. + 5# Gilsonite/Sx. +2% CaC1, tail in with 100 Sx. Class "C" + 3% CaCl, circulate cement to surface.
- 3. Drill 11" hole to 3100'. Run and set 3100' of 8 5/8" 32# J-55 ST&C casing. Cement with 300 Sx. Class "C" Halco Light +  $\frac{1}{2}$ 3flocele/Sx. + 5# gilsonite/Sx. + 8% salt, tail in with 200 Sx Class "C"  $\pm$  2% CaCl, circulate cement to surface.
- 4. Drill 7 7/8" hole to 8500'. Run and set 8500' of  $5\frac{1}{2}$ " N-80 & J-55 17# LT&C casing as follows, 2900' of N-80 17#,4800' of J-55 17# , 800' of N-80 17#. Cement with 600 Sx. Class "H" + 8% salt +.6% Halad 322 + .6% Halad 344. Estimate top cement 5600'.

<sup>23</sup> I hereby centry that the information given above is true and complete to the best					
of my knowledge and belief.  Signature:	OIL CONSERVATION DIVISION				
toel Janie	Approved by: OSSINAL SIGNED BY TISS W. CUM				
Time name / Joe T. Janica	Tide: District it Suremvisor				
Tide: Agent 505-392-2112 Date: 03/02/98	Approval Date: MARY COOK STATE TO				