

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, 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

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. 600 NORTH MARIENFELD SUITE 1100 MIDLAND, TEXAS 79701-		OGRID Number 147380
		API Number 30-015-29714
Property Code 21083	Property Name INDIAN DRAW "13"	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
K	13	22S	27E		1980	South	1980'	West	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 CARLSBAD MORROW SOUTH 73960	Proposed Pool 2
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Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3088' GR.
Multiple NO	Proposed Depth 12,000'	Formation MORROW	Contractor WEK DRILLING	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	400'	450 Sx.	Surface
12½"	9 5/8"	36	2400'	650 Sx	Surface
8 3/4"	5½"	17 & 20	12,000'	2150 Sx	Est 2100'

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 and cement to surface with Redi-mix.
2. Drill 17½" hole to 400'. Run and set 400' of 13 3/8" 48# H-40 ST&C casing. Cement with 450 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
3. Drill 12½" hole to 2400'. Run and set 2400' of 9 5/8" 36# J-55 ST&C casing. Cement with 450 Sx. of Class "C" Halco Light + additives, tail in with 200 Sx. of Class "C" + 2% CaCl, circulate cement to surface.
4. Drill 8 3/4" hole to 12,000'. Run and set 12,000' of 5½" 17 & 20# S-95, L-80 P-110 LT&C casing. Cement with 2150 Sx of cement in two stages. Set DV tool at 7000'±. Cement 1st stage with 900 Sx. of Class "H" Halco light, tail in with 200 Sx. of 50/50 POZ. 2nd stage cement with 850 Sx. of Class "C" Halco Light, tail in with 200 Sx. of Class "C" + 2% CaCl, estimate top of cement 2100'.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Joe T. Janica</i>		OIL CONSERVATION DIVISION	
Printed name: Joe T. Janica		Approved by: <i>SUPERVISOR, DISTRICT IV</i>	
Title: Agent		Title: <i>1997</i>	
Date: 07/10/97		Approval Date: <i>JUL 10 1997</i> Expiration: <i>JUL 10 1998</i>	
Phone: 505-322-2112		Conditions of Approval:	