

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

45678910111213
Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies
AMENDED REPORT
NOV 2000
RECEIVED
OCD - ARTESIA
17891
31432
30- OIS - 310432

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

Operator Name and Address POGO PRODUCING COMPANY P.O. BOX 10340 MIDLAND, TEXAS 79702-4345		Well Number 17891
Property Code 36857	Property Name STATE "W"	Well No. 2

Surface Location

UL or lot no. "M"	Section 3	Township 23S	Range 26E	Lot 1/4	Feet from the 660'	North/South line SOUTH	Feet from the 660'	East/West line WEST	County EDDY
----------------------	--------------	-----------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	----------------

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line
UNDES CARLSBAD MORROW SOUTH (73960)						Operator to comply with all FAA rules that may apply.

Work Type Code N	Well Type Code G	Cable Rotary ROTARY	Lease Type Code S	Ground Level Elevation 3311'
Multiple NO	Proposed Depth 12,100'	Formation MORROW	Contractor	Spud Date WHEN APPROVED

Minimum WOC time 8 hrs. Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	NA	40'	Redi-mix	SURFACE
17½"	13 3/8"	54.5	500'	750 Sx.	SURFACE
12½"	9 5/8"	40.5	2500'	1200 Sx.	SURFACE
* 8½"	7"	26	10,400'	1000 Sx	2000' from Sur.
* 7 7/8-6 1/8"	5½ or 5"	15#N-80 20&17	12,100'	2500 Sx.	2000' from Sur.

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 and cement to surface with Redi-mix.
2. Drill 17½" hole to 500'. Run and set 500' of 13 3/8" 54.5# J-55 ST&C casing. Cement with 750 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
3. Drill 12½" hole to 2500'. Run and set 2500' of 9 5/8" 40.5# J-55 ST&C casing. Cement with 1200 Sx. of Class "C" cement + ½# Flocele/Sx. + 2% CaCl, circulate cement to surface.
- * 4. Drill 8½" hole to 10,300' if no lost circulation problems are encountered reduce hole to 7 7/8" and drill to TD of 12,100' and run 12,100' of 5½" 20# & 17# N-80 LT&C casing. Cement in three stages DV tool at 7000' and 4500'. Cement with 2500 Sx. of Class "H" cement + additives.
- * 5. If lost circulation problem occur in the Strawn or other formations drill to 10,400' and run 7" 26# N-80 casing Cement in three stages. Stage tools set at 7500' and 4500' cement with 1000 Sx. of Class "H" cement + additives top of cement 2000' from surface. Then drill 6 1/8" hole to 12,100' and run a 5" liner from TD to 10,200' and cement with 400 Sx. of Class "H" cement + additives.

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

Signature: Joe T. Janica

Printed name: Joe T. Janica

Title: Agent

Date:

Phone:

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM
DISTRICT IV SUPERVISOR

Title:

Approval Date: NOV 07 2000 Expiration Date: NOV 07 2001

Conditions of Approval: