

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

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 POGO PRODUCING COMPANY P.O. BOX 10340 MIDLAND, TEXAS 79702-4345		OGRID Number 17891
Property Code 26694		API Number 30-015-31365
Property Name DAVIS "18"		Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
Lot # 1	18	20S	27E		660'	NORTH	660'	WEST	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	Feet from the	East/West line	County
Proposed Pool 1 McMILLIAN-MORROW (81240)					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary ROTARY	Lease Type Code P	Ground Level Elevation 3334'
Multiple NO	Proposed Depth 10,700	Formation MORROW	Contractor IMBR/SHARP RIG 23	Spud Date WHEN APPROVED

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TCC
25"	20"	Conductor	40'	Redi-mix	Surface
17 1/2"	13 3/8"	48	500'	650 Sx.	Surface
12 1/2"	9 5/8"	40.5	2900'	1200 Sx.	surface
* 8 1/2" 6 1/8" 7" 5"	7" 26#, 5" 18#	8500±'	1300 Sx.	T of C 2700'±	
7 7/8"	5 1/2"	17 & 20	10,700'	1500 Sx	2000'

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 17 1/2" hole to 500'. Run and set 500' of 13 3/8" H-40 48# ST&C casing. Cement with 650 Sx. of Class "C" cement + additives, circulate cement to surface.
3. Drill 12 1/2" hole to 2900'. Run and set 2900' of 9 5/8" J-55 40.5# ST&C casing. Cement with 1200 Sx. of Class "C" cement + additives, Circulate cement to surface.
- \* 4. Drill 8 1/2" hole to 8500'± if lost circulation becomes a problem that cannot be solved, run and set 7" casing through the lost circulation zones (8500'±). Cement 7" casing with 1000 Sx. of Class "C" cement + additives, estimate top of cement 2000' from surface. Drill out with a 6 1/8" bit to TD (10,700') and run a 5" 18# N-80 from TD to 200' up into the 7" casing. Cement with 300 Sx. of Class "H" cement.
5. If no lost circulation is not a problem on reaching 8500' reduce hole to 7 7/8" and drill to TD (10,700'). Run and set 10,700' of 5 1/2" 17 & 20 # N-80 LT&C casing. Cement in 3 stages set DV tools at 8000'± and 6000'±. Cement first stage with 500 Sx. of Class "H" Premium cement, second stage cement with 450 Sx. of Class "C" cement + additives, cement third stage with 550 Sx. of Class "C" cement + additives, all cement volumes depend on caliper logs. Estimate top of final stage cement 2000' from surface.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Joe T. Janica</i>		Approved by: ORIGINAL SIGNED BY TIM W. GUN	
Printed name: Joe T. Janica		Title: DISTRICT II SUPERVISOR	
Title: Agent		Approval Date: OCT 02 2000 Expiration Date: OCT 02 2001	
Date: 09/29/00	Phone: 505-391-8503	Conditions of Approval:	