

## District I

1625 N. French Dr., Hobbs, NM 88240

## District II

1301 W. Grand Avenue, Artesia, NM 88210

## District III

1000 Rio Brazos Road, Aztec, NM 87410

## District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Minerals and Natural Resources

Form C-101

June 16, 2008

RECEIVED

SEP 02 2009

HOBBSOCD

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

Operator Name and Address PURVIS OPERATING CO. PO BOX 51990 MIDLAND, TX 79710-1990		OGRID Number 131559
		API Number 30 - 025-38867
Property Code 35880	Property Name Antelope	Well No. 1
Proposed Pool 1 PENN (WILDCAT)		Proposed Pool 2

## Surface Location

UL or lot no A	Section 7	Township 15S	Range 35E	Lot Idn	Feet from the 1077	North/South line North	Feet from the 893	East/West line East	County Lea
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## Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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## Additional Well Information

Work Type Code P	Well Type Code O	Cable/Rotary NA	Lease Type Code P	Ground Level Elevation 4037
Multiple Yes	Proposed Depth 10,965	Formation Penn Carbonates	Contractor	Spud Date 9-7-2009

## Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	54.5	1,877	1380 sks	Surface
12 1/4"	9 5/8"	40.0	6,197	1425 sks.	1640 (T.S.)
8 3/4"	5 1/2"	17.0	13,398	1647 sks - 2 stages	8640 (CBL)
				DV @ 10,972	

22 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

P&A current Morrow perms 12,868'-877' and 13,040'-048' by setting a CIBP at 12,800' and capping with 20' of cement. Perforate, acidize and evaluate the following Penn Carbonate zones for commercial production as follows: 10,935'-38' and 10,955'-65'; 10,835'-46'; 10,733'-42' and 10,750'-62'; 10,551'-64'; 10,464'-72'; 10,184'-89' and 10,230'-34'; 9931'-38' and 9681'-90'. Completion work will stop when commercial production is obtained. A 3000 psi BOP will be used. All fluids will be swabbed or produced into a swab tanker or lease production tanks.

Permit Expires 2 Years From Approval  
Date Unless Drilling Underway  
Plugback

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

Signature

Printed name: Donnie E. Brown

Title: Petroleum Engineer

E-mail Address: eng@purvisop.com

Date: September 1, 2009

Phone: 432-682-7346

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date:

Expiration Date:

SEP 08 2009

Conditions of Approval Attached ☐