

DATE IN 10/24/09	SUSPENSE	ENGINEER Brooks	LOGGED IN 10/24/09	TYPE NSL	PTGW APP NO. 0929957020
------------------	----------	-----------------	--------------------	----------	----------------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



*Purvis Operating
Antelope #1*

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication

NSL NSP SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

DHC CTB PLC PC OLS OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

WFX PMX SWD IPI EOR PPR

[D] Other: Specify _____

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] Working, Royalty or Overriding Royalty Interest Owners

[B] Offset Operators, Leaseholders or Surface Owner

[C] Application is One Which Requires Published Legal Notice

[D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commission of Public Lands, State Land Office

[E] For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

James Bruce
 P.O. Box 1056
 Santa Fe, New Mexico 87504

James Bruce

 Signature

Attorney for Applicant

 Title Date

jamesbruc@aol.com

 e-mail Address

*10/26/09
10/1/09*

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

October 1, 2009

Hand delivered

David K. Brooks
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Mr. Brooks:

Pursuant to Division Rule NMAC 19.15.15.13, Purvis Operating Co. applies for approval of an unorthodox oil well location for the following well:

<u>Well:</u>	Antelope Well No. 1 (API No. 30-025-38867)
<u>Location:</u>	1077 FNL & 893 FEL
<u>Well Unit:</u>	NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 7 Township 15 South, Range 35 East, N.M.P.M., Lea County, New Mexico

The well was drilled earlier this year to a depth sufficient to test the Morrow formation, and the location was orthodox in that zone. **Exhibit A.** The Morrow completion was unsuccessful, and applicant proposes to re-complete uphole in the Upper Pennsylvanian (Undesignated North Morton-Permo Upper Pennsylvanian Pool). **Exhibits B and C.** That pool is spaced on 40 acres, with wells to be located no closer than 330 feet to a quarter-quarter Section line.

The E $\frac{1}{2}$ of Section 7 is a single patented fee tract. Although ownership is now different between the NE $\frac{1}{4}$ and SE $\frac{1}{4}$ of Section 7, all interest owners in the NE $\frac{1}{4}$ of Section 7 will share in production. Thus, the well's location does not adversely affect any offset interest owner, and notice has not been given to anyone.

Very truly yours,


James Bruce

Attorney for Purvis Operating Co.

DISTRICT I
1823 N FRENCH DR HOBBBS, NM 88340

DISTRICT II
1301 S GRAND AVENUE, ALBUQUA, NM 88210

DISTRICT III
1000 Rio Huerfano Rd., Aztec, NM 87411

DISTRICT IV
1220 S ST FRANCIS DR, SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

mailed
4-9-08

WELL LOCATION AND ACREAGE DEDICATION PLAT

(L) AMENDED REPORT

API Number 30-025-38867	Pool Code 96395	Pool Name Morton Morrow East
Property Code 35880	Property Name ANTELOPE	Well Number 1
OGRID No 131559	Operator Name PURVIS OPERATING COMPANY	Elevation 4037'

Surface Location

Ill. or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	15-S	35-F		1077	NORTH	893	EAST	LFA

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

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

GEODEIC COORDINATES
NAD 27 NME
Y=741759 7 N
X=773527 8 F
LAT. = 33.035967° N
LONG = 103.110805° W

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

Donnie E. Brown 4-28-08
Signature (Date)
Donnie E. Brown
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 28, 2008
Date Surveyed AR
Signature & Seal of Professional Surveyor
Ronald J. Kidson
08.11.0381

Certificate No. GARY BIDSON 12641
RONALD J. KIDSON 3230

Submit To Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies
 District I
 1625 N French Dr, Hobbs, NM 88240
 District II
 1301 W Grand Avenue, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd, Aztec, NM 87410
 District IV
 1220 S St Francis Dr, Santa Fe, NM 87505

RECEIVED

MAY 26 2009

HOBBSOCD

State of New Mexico
 Minerals and Natural Resources

Oil Conservation Division
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-105
 Revised June 10, 2003

WELL API NO.
 30-025-38867

5. Indicate Type of Lease
 STATE FEE

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
 OIL WELL GAS WELL DRY OTHER _____
 b. Type of Completion.
 NEW WORK DEEPEN PLUG DIFF.
 WELL OVER BACK RESVR. OTHER

7. Lease Name or Unit Agreement Name
 ANTELOPE <35880>

2. Name of Operator
 PURVIS OPERATING CO. <131559>

8. Well No
 1 <96795>

3. Address of Operator
 P O Box 51990, Midland, TX 79710-1990

9. Pool name or Wildcat
 Wildcat MORROW; MORROW, EAST (EAS)

4. Well Location
 Unit Letter A : 1077' Feet From The NORTH Line and 893' Feet From The EAST Line
 Section 7 Township 15-S Range 35-E NMPM LEA County

10. Date Spudded 2-13-2009 11. Date T D Reached 3-26-2009 12. Date Compl. (Ready to Prod.) 5-6-2009 13. Elevations (DF& RKB, RT, GR, etc) 4055.5 kB 14. Elev. Casinghead 4037

15. Total Depth 13,410' 16. Plug Back T D. 13,130' 17. If Multiple Compl. How Many Zones? No 18. Intervals Drilled By Rotary Tools X Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name Morrow 12,868-877' and 12,040-048' 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run Density-Neutron and Laterology-MCFL/Gamma Ray 22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5	1,877'	17 1/2"	1,380 sks	0
9 5/8"	40	6,197'	12 1/4"	1,425 sks	0
5 1/2"	17	13,398'	8 3/4"	1,647 sks - 2 stages	0

24. LINER RECORD 25. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	12,802	12,802

26. Perforation record (interval, size, and number)
 12,868-877' @ 4 spf = 36 holes @ 0.42" dia.
 13,040-048' @ 4 spf = 32 holes @ 0.42" dia.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
 DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production 5-6-2009 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) S.I.

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-6-2009	9	20/64		---	13.4	---	---
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
150	Zero		---	322	---	---	---

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By Cecil Patterson

30. List Attachments
 Density/Neutron Log and Laterolog

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature Donnie E Brown Printed Name DONNIE E. BROWN Title Petroleum Engr. Date May 11, 2009
 E-mail Address eng@purvisop.com

KW

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy	720	T. Canyon	11,160	T. Ojo Alamo		T. Penn. "B"	
T. Salt	1,896	T. Strawn	11,945	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	1,993	T. Atoka	12,105	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3,063	T. Miss	13,211	T. Cliff House		T. Leadville	
T. 7 Rivers	3,316	T. Devonian		T. Menefee		T. Madison	
T. Queen	3,897	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4,630	T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta	6,120	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb	7,396	T. Delaware Sand		T. Todilto		T.	
T. Drinkard	7,671	T. Bone Springs		T. Entrada		T.	
T. Abo	8,170	T. Morrow LS	12,824	T. Wingate		T.	
T. Wolfcam	9,679	T. Morrow A Sand	12,868	T. Chinle		T.	
T. Penn	10,700	T. Morrow B Sand	13,040	T. Permian		T.	
T. Cisco (Boulgh C)	10,460	T. Austin LS	13,192	T. Penn "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from.....13,040.....to..... 13,048.....
 No. 2, from.....12,868.....to..... 12,877.....
 No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to..... feet.....
 No. 2, from.....to..... feet.....
 No. 3, from.....to..... feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
0	720	720	Surface rock and red beds				
720	4000	3280	Salt and Anhydrite				
4000	4600	600	Anhydrite, Sand, Shale				
4600	7400	2800	Limestone and Dolomite				
7400	9700	2300	Dolomite and Sand				
9700	11,150	1450	Limestone, Chert, Shale				
11,150	11,850	700	Limestone, Sand, Shale				
11,850	12,100	250	Limestone and Shale				
12,100	13,200	1100	Limestone, Sand, Shale				
13,200	13,410	210	Limestone				

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

RECEIVED
SEP 02 2009
HOBBSOCD

State of New Mexico
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
June 16, 2008

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
Property Code 35880	Property Name Antelope	API Number 30 - 025-38867
Proposed Pool 1 PENN (WILDCAT)		Proposed Pool 2

7 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	15S	35E		1077	North	893	East	Lea

8 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

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

21 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		OIL CONSERVATION DIVISION	
Signature: <i>Donnie E. Brown</i>		Approved by: <i>[Signature]</i>	
Printed name: Donnie E. Brown		Title: PETROLEUM ENGINEER	
Title: Petroleum Engineer		Approval Date:	Expiration Date:
E-mail Address: eng@purvisop.com		SEP 08 2009	
Date: September 1, 2009	Phone: 432-682-7346	Conditions of /	

EXHIBIT

B

DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAY

UNASSIGNED REPORT

NAME OF INTEREST BEING DEDICATED TO

API Number 30-029-38867	Post Code 47250	Well Name Petten Basin Upper Penn North
Property Code 15000	Property Name ANTÉLOPE	Well Number 1
APOR No. 131859	Operator Name PUEVIS OPERATING COMPANY	Section 4037

Surface Location

Well or Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South Line	Feet from the	East/West Line	County
A	7	15-S	35-E		1077	NORTH	893	EAST	LEA

Station Hole Location if Different From Surface

Well or Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South Line	Feet from the	East/West Line	County

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>SECTION 7</p> <p>30 29 35</p> <p>121 3</p>	<p>ANTÉLOPE COORDINATES</p> <p>440 27 000</p> <p>E = 722507.7 M</p> <p>N = 723527.8 M</p> <p>LONG = 123055007° W</p> <p>LONG = 403 440800° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that I am authorized either as a working interest or otherwise interest holder in the land described, the proposed bottom hole location of this well to drill through of this location pursuant to a contract with an owner of such interest or working interest or as a contractor holding agreement as a contractor working with authority granted by the Division.</p> <p><i>[Signature]</i> Signature</p> <p>09-30-2009 Date</p> <p>Debbie E. Brown Printed Name</p>
		<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>MARCH 20, 2009 Date Surveyed</p> <p>RE Signature of Surveyor</p> <p>Professional Surveyor</p> <p><i>[Signature]</i> Signature</p> <p>03-11-2009 Date</p> <p>Certificates No. CARY EBERSON 18881 MICHAEL J. HUDSON 18889</p>

EXHIBIT **C**

Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Wednesday, October 28, 2009 5:42 PM
To: 'jamesbruc@aol.com'
Subject: Purvis Operating Co. - Antelope #1; NSL Application

Dear Jim

You state in this application that "all interest owners in the NE/4 of Section 7 will share in production." I assume that means that working interest ownership is uniform throughout the NE/4, although it does not quite say that.

Please confirm that working interest ownership is uniform as between the NE/4 NE/4 and the SE/4 NE/4.

Sincerely
David

Brooks, David K., EMNRD

From: jamesbruc@aol.com
Sent: Thursday, October 29, 2009 7:31 AM
To: Brooks, David K., EMNRD
Subject: Re: Purvis Operating Co. - Antelope #1; NSL Application

David: Sorry for the inartful wording -- I had to dig through a bunch of title materials on this one. Yes, all RI and WI (some mineral owners are unleased) is uniform (as to all depths) in the two quarter-quarter sections.

Jim

-----Original Message-----

From: Brooks, David K., EMNRD <david.brooks@state.nm.us>
To: jamesbruc@aol.com
Sent: Wed, Oct 28, 2009 5:41 pm
Subject: Purvis Operating Co. - Antelope #1; NSL Application

Dear Jim

You state in this application that "all interest owners in the NE/4 of Section 7 will share in production." I assume that means that working interest ownership is uniform throughout the NE/4, although it does not quite say that.

Please confirm that working interest ownership is uniform as between the NE/4 NE/4 and the SE/4 NE/4.

Sincerely
David

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message.
This email has been scanned using Webroot Email Security.

This inbound email has been scanned for malicious software and transmitted safely to you using Webroot Email Security.
