

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
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

¹ Operator Name and Address Purvis Operating Co. P O Box 51990 Midland, TX 79710-1990		² OGRID Number 151559
³ Property Code 35526	⁴ Property Name Jones	⁵ API Number 30-025-37759
⁶ Proposed Pool 1 Mississippian Wildcat		⁷ Proposed Pool 2

7 Surface Location

UL or lot no. F	Section 17	Township 15S	Range 35E	Lot Idn	Feet from the 1650'	North/South line North	Feet from the 1980'	East/West line West	County Lea
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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
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4022'
¹⁶ Multiple No	¹⁷ Proposed Depth 13,450	¹⁸ Formation Mississippian	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic X 12_mils thick Clay <input type="checkbox"/> Pit Volume: 3000 bbls Drilling Method: <input checked="" type="checkbox"/> Diesel/Oil-based X Gas/Air <input type="checkbox"/>				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based X Gas/Air <input type="checkbox"/>				

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"	48#	400'	400 sx	Surface
12 1/4"	9 5/8"	36 & 40#	6200'	1700 sx	Surface
8 3/4"	5 1/2"	17# & 20#	13,450'	950 sx	TOC - 9100'

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.

Purvis Operating Co. proposes to drill and test the Mississippian and intermediate formation. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be set at 6200' and cemented. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-400' FW/Gel/Paper; 400'-6200' FW going to Brine; 6200'-11600' Cut Brine w/ Sweeps 11600' - 13450' Salt Gel/Starch/Drispac

BOPE PROGRAM: A 5000# BOPE will be installed on the 9 5/8" casing and tested daily for operational.

Permit Expires 1 Year From Approval Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Susannah Donaldson
Title: Regulatory Agent/Land Department
E-mail Address: susannah@purvisop.com

Date: February 13, 2006 Phone: 432-682-7346

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

MAR 20 2006

Conditions of Approval Attached ☐

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-37759		² Pool Code 97172	³ Pool Name Wildcat Mississippian
⁴ Property Code 35526	⁵ Property Name Jones		⁶ Well Number 1
⁷ OGRID No. 131559	⁸ Operator Name Purvis Operating Co.		⁹ Elevation 4022

¹⁰ Surface Location

UL or lot no. F	Section 17	Township 15S	Range 35E	Lot Idn	Feet from the 1650	North/South line North	Feet from the 1980	East/West line West	County Lea
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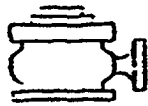
¹¹ Bottom Hole Location If Different From Surface

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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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

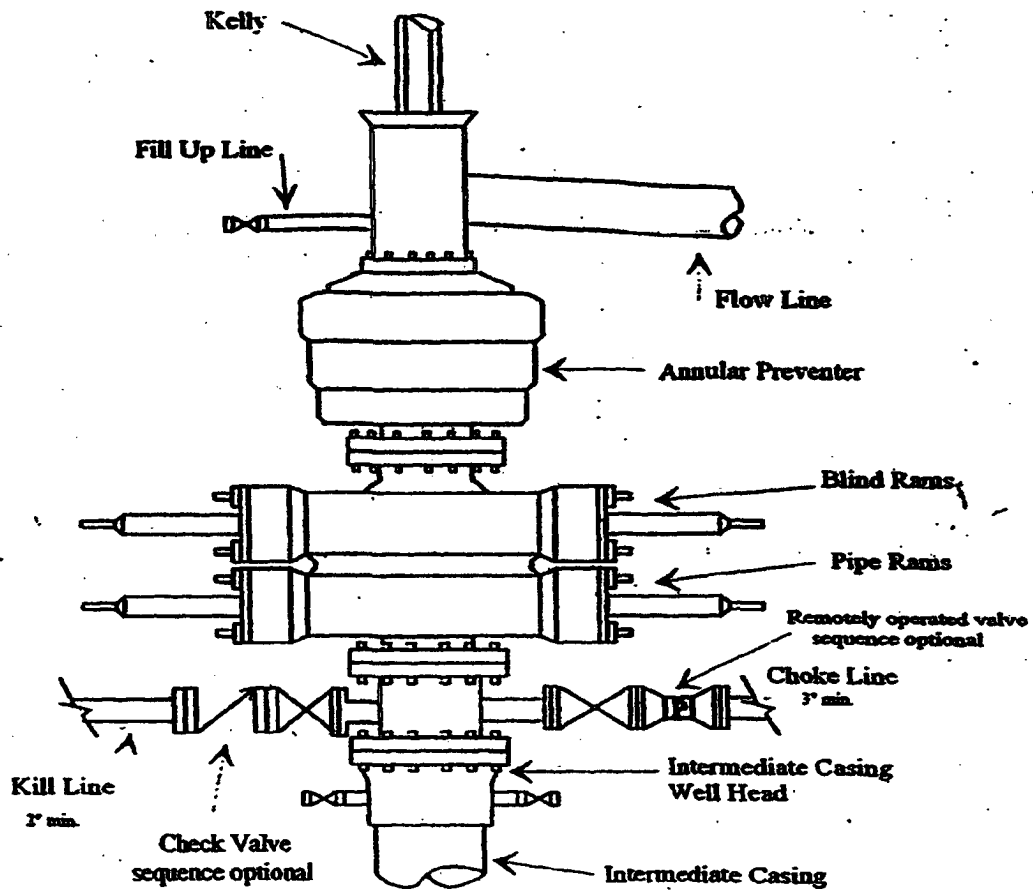
	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Susannah Donaldson</i> Signature Susannah Donaldson Printed Name</p> <p>Regulatory Agency Title Date</p>	
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby 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.</p> <p>2/28/2002</p> <p>Date Surveyed Signature Professional Surveyor</p>	
	<p>3640</p> <p>CONFIDENTIAL No. 100000 Jones RLS 3640</p> <p>DOTSON J. L. JR. GENERAL SURVEYING COMPANY</p>	
	<p>NEW MEXICO</p>	



PURVIS OPERATING CO.
P O BOX 51990
MIDLAND, TX 79710-1990

BOP-4

**Typical 5,000 psi Pressure System
Schematic
Annular with Double Ram Preventer Stack**



Typical 5,000 psi choke manifold assembly with at least these minimum features

