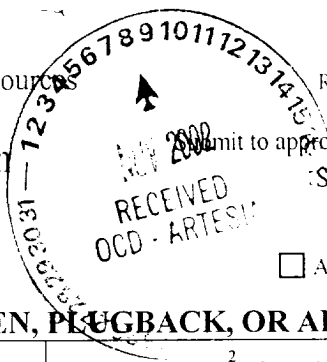


District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
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**

<sup>1</sup> Operator Name and Address  PURVIS OPERATING CO. P O Box 11006 Midland, TX 79702-8006		<sup>2</sup> OGRID Number  131559
		<sup>3</sup> API Number  30-025-36048
<sup>4</sup> Property Code  15571	<sup>5</sup> Property Name  State 15	<sup>6</sup> Well No.  2

<sup>7</sup> Surface Location

TL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	10S	34E		330	North	800	West	Lea

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

TL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>9</sup> Proposed Pool 1  
Lane Abo, Southeast

<sup>10</sup> Proposed Pool 2

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4200'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 9100'	<sup>18</sup> Formation Abo	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date 12-1-2002

<sup>21</sup> 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'	Surface
11"	8 5/8"	24# & 32"	4000'	800'	300'
7 7/8"	5 1/2"	17# & 20#	9100'	1400'	5300'

<sup>22</sup> 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.

Drill 17 1/2" hole to 400'. Run 13 3/8" casing and cement to surface. Drill 11" hole to 4000'. Run 8 5/8" casing and cement back to surface casing. Drill 7 7/8" hole to 9100'. Mud up above Abo shale estimated at 7600'. Run open hole logs and possible DST to evaluate the Abo Detrital zone. Run 5 1/2" production casing, if justified, and cement to above Abo shale. BOPs will be installed and tested to 1000 psi before drilling out of 8 5/8" casing. See attached for typical BOP schematic.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

*Donnie E. Brown*

Printed name: Donnie E. Brown

Title: Petroleum Engineer

Date:  
November 7, 2002

Phone:  
915-682-7346

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval: NOV 13 2002

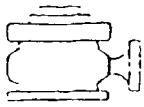
Expiration Date:

Conditions of Approval:

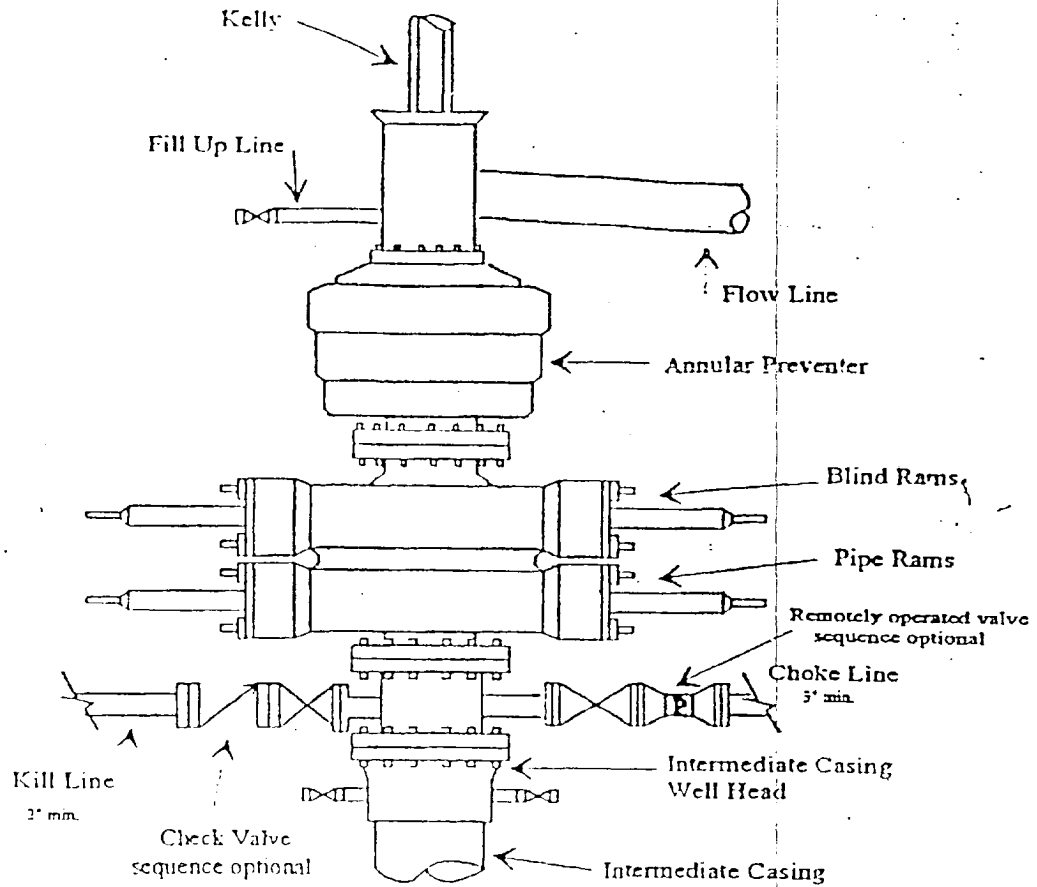
Attached ☐

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

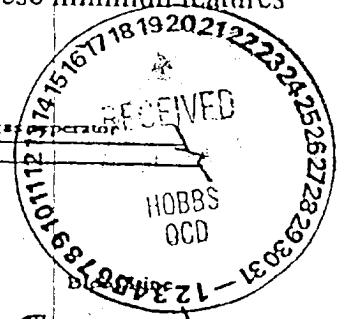
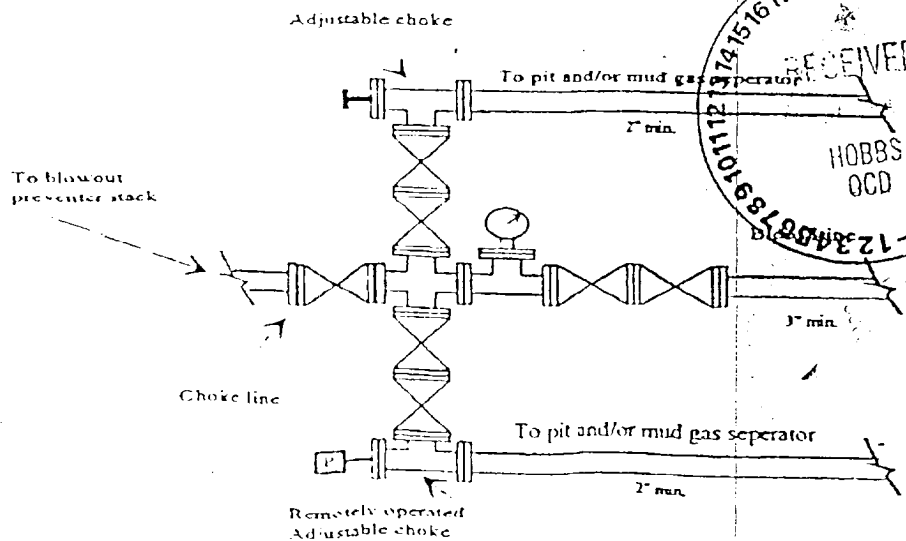
*mp*



# 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



DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <u>30-025-36048</u>	Pool Code <u>36676</u>	Pool Name <u>Lane; Abq, SE</u>
Property Code <u>15571</u>	Property Name <u>STATE 15</u>	Well Number <u>2</u>
OGRID No. <u>131559</u>	Operator Name <u>PURVIS OPERATING COMPANY</u>	Elevation <u>4200'</u>

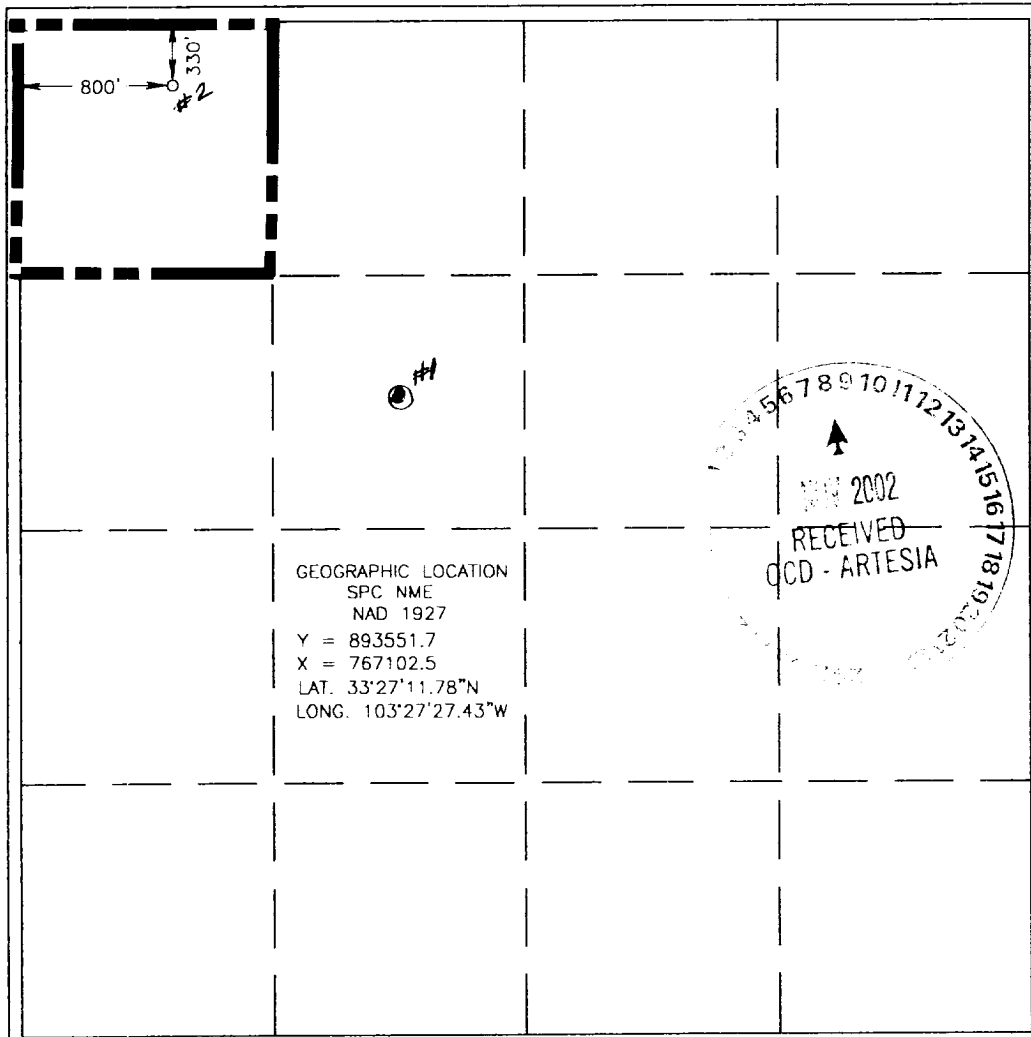
Surface Location

UL or lot No. <u>D</u>	Section <u>15</u>	Township <u>10-S</u>	Range <u>34-E</u>	Lot Idn	Feet from the <u>330</u>	North/South line <u>NORTH</u>	Feet from the <u>800</u>	East/West line <u>WEST</u>	County <u>LEA</u>
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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 <u>40</u>	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

	GEOGRAPHIC LOCATION SPC NME NAD 1927 Y = 893551.7 X = 767102.5 LAT. 33°27'11.78"N LONG. 103°27'27.43"W

**OPERATOR CERTIFICATION**

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Donnie E. Brown  
Signature

Donnie E. Brown  
Printed Name

Petroleum Engineer  
Title

November 7, 2002  
Date

**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.

OCTOBER 31, 2002  
Date Surveyed

AWB  
Signature & Seal of Professional Surveyor

Ronald J. Eidson 11/01/02  
02.11.0817

Certificate No. RONALD J. EIDSON 3239  
GARY EIDSON 12641