

District I  
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

<sup>1</sup> Operator Name and Address David H. Arrington Oil & Gas, Inc P.O. Box 2071 Midland, Texas 79702		<sup>2</sup> OGRID Number 005898
<sup>3</sup> Property Code 29109	<sup>5</sup> Property Name Big Black Ant	<sup>6</sup> Well No. 1

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	1	15S	34E		660'	South	962'	East	Lea

<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 Morton Wildcat Mississippian					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code Fee	<sup>15</sup> Ground Level Elevation 4057'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 14,000'	<sup>18</sup> Formation Mississippian	<sup>19</sup> Contractor Patterson	<sup>20</sup> Spud Date ASAP

<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"	54.5#	470'	500 sxs	Circ
11"	8 5/8"	32#	6000'	1750 sxs	Circ
7 7/8"	5 1/2"	17#	14,000'	500 sxs	500 Above
					uppermost pay

<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 470'. Set 13 3/8" csg. Circ cement to surface. Drill 11" hole to 6000'. Set 8 5/8" casing to 6000'. Circ cement to surface. Install BOP's. Test BOP's to 5000 psi. Test casing to 1500 psi. Drill 7 7/8" hole to 14,000'. DST any prospective pays. Run 5 1/2" casing as justified.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

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

Signature:

Printed name: Chuck Sledge

Title: Engineer

Date: 12/04/2001

Phone: (915) 682-6685

OIL CONSERVATION DIVISION

Approved by:

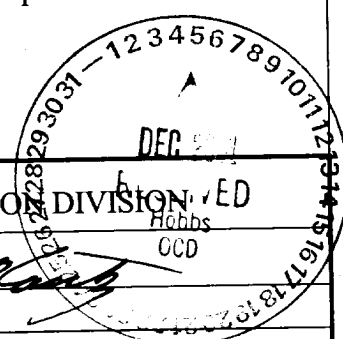
Title:

Approval Date:

Conditions of Approval:

Attached ☐

Expiration Date:



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

State of New Mexico  
E. gy, Minerals, and Natural Resources Department

Form C-102  
Revised 02-10-94  
Instructions on back

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

DISTRICT III  
1000 Rio Brazos Rd.  
Aztec, NM 87410

**OIL CONSERVATION DIVISION**  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Submit to the Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

☐ AMENDED REPORT

DISTRICT IV  
P. O. Box 2088  
Santa Fe, NM 87507-2088

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number <b>30-025-35779</b>		2 Pool Code <b>96593</b>		3 Pool Name <b>Merton Wildcat Mississippian</b>			
4 Property Code <b>29108</b>		5 Property Name <b>BIG BLACK ANT</b>				6 Well Number <b>1</b>	
7 OGRID No. <b>005898</b>		8 Operator Name <b>DAVID H. ARRINGTON OIL &amp; GAS, INC.</b>				9 Elevation <b>4057'</b>	

**10 SURFACE LOCATION**

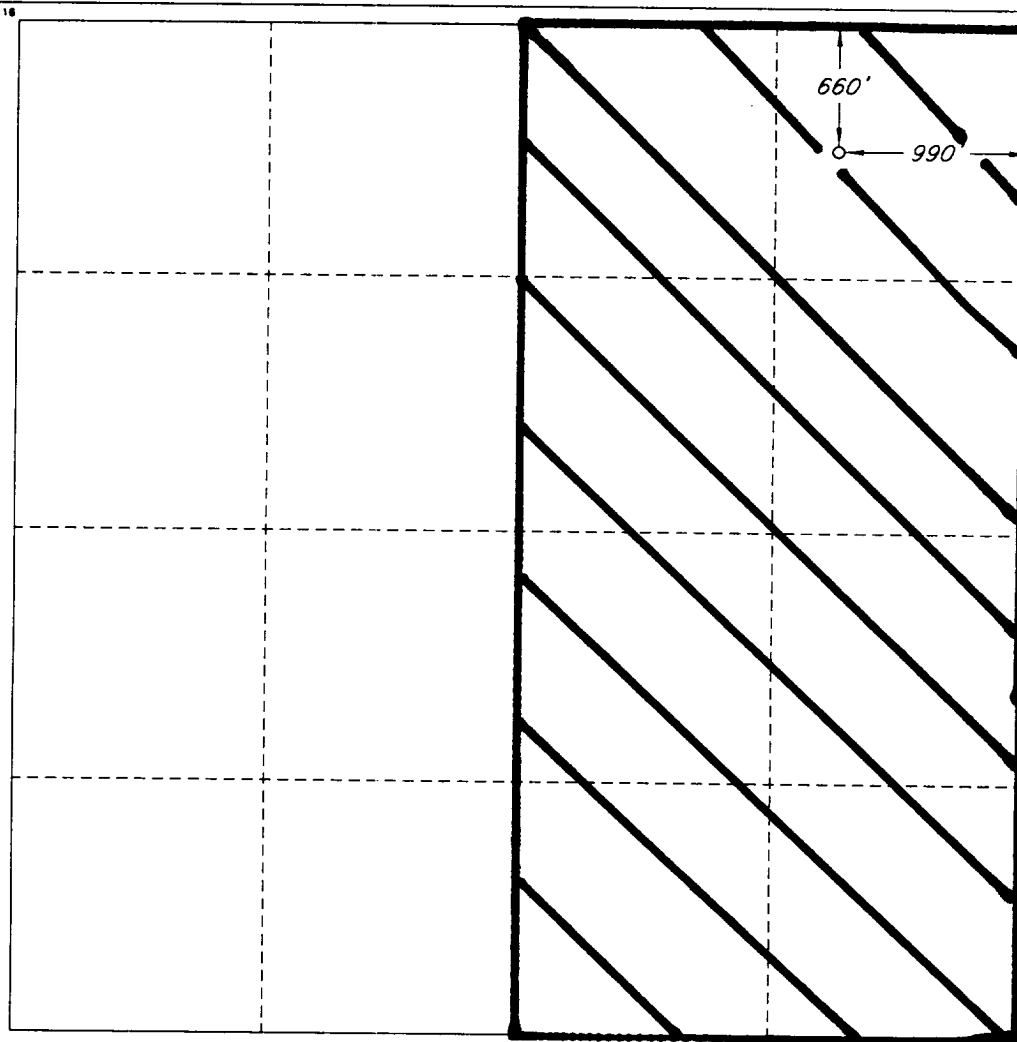
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	990'	East/West line	County
<b>A</b>	<b>1</b>	<b>15 SOUTH</b>	<b>34 EAST, N.M.P.M.</b>		<b>660'</b>	<b>NORTH</b>	<b>962'</b>	<b>EAST</b>	<b>LEA</b>

**11 BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE**

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

12 Dedicated Acres <b>320</b>	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN  
CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**OPERATOR CERTIFICATION**

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

Signature *Chuck Sledge*

Printed Name  
**Chuck Sledge**

Title  
**Engineer**

Date  
**12/4/01**

**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.

Date of Survey  
**NOVEMBER 19, 2001**

Signature and Seal of  
Professional Surveyor

Certificate No.  
**V. L. BEZNER R.P.S. #7920**

JOB #79299 / 121 SW / V.H.B.

New Mexico Oil Conservation Division  
C-102 Instructions

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED  
"AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the appropriate OCD district office. Independent subdivision surveys will not be acceptable.

1. The OCD assigned API number for this well
2. The pool code for this (proposed) completion
3. The pool name for this (proposed) completion
4. The property code for this (proposed) completion
5. The property name (well name) for this (proposed) completion
6. The well number for this (proposed) completion
7. Operator's CGRC number
8. The operator's name
9. The ground level elevation of this well
10. The surveyed surface location of this well measured from the section lines. NOTE: If the United States government survey designates a Lot Number for this location use that number in the "Lot or lot no." box. Otherwise use the OCD unit letter.
11. Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
12. The calculated acreage dedicated to this completion to nearest hundredth of an acre
13. Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage
14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:  
C     Communitization  
U     Unitization  
F     Forced pooling  
O     Other  
P     Consolidation pending

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.

16. This grid represents a standard section. You may superimpose a non-standard section over this grid. Outline the dedicated acreage and the separate leases within that dedicated acreage. Show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. (Note: A legal location is determined from the perpendicular distance to the edge of the tract.) If this is a high angle or horizontal hole show that portion of the well bore that is open within this pool.

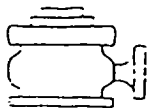
Show all lots, lot numbers, and their respective acreage.

If more than one lease has been dedicated to this completion, outline each one and identify the ownership as to both working interest and royalty.

17. The signature, printed name, and title of the person authorized to make this report, and the date this document was signed.

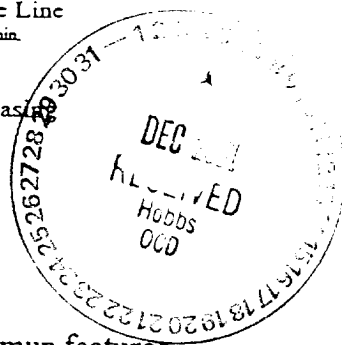
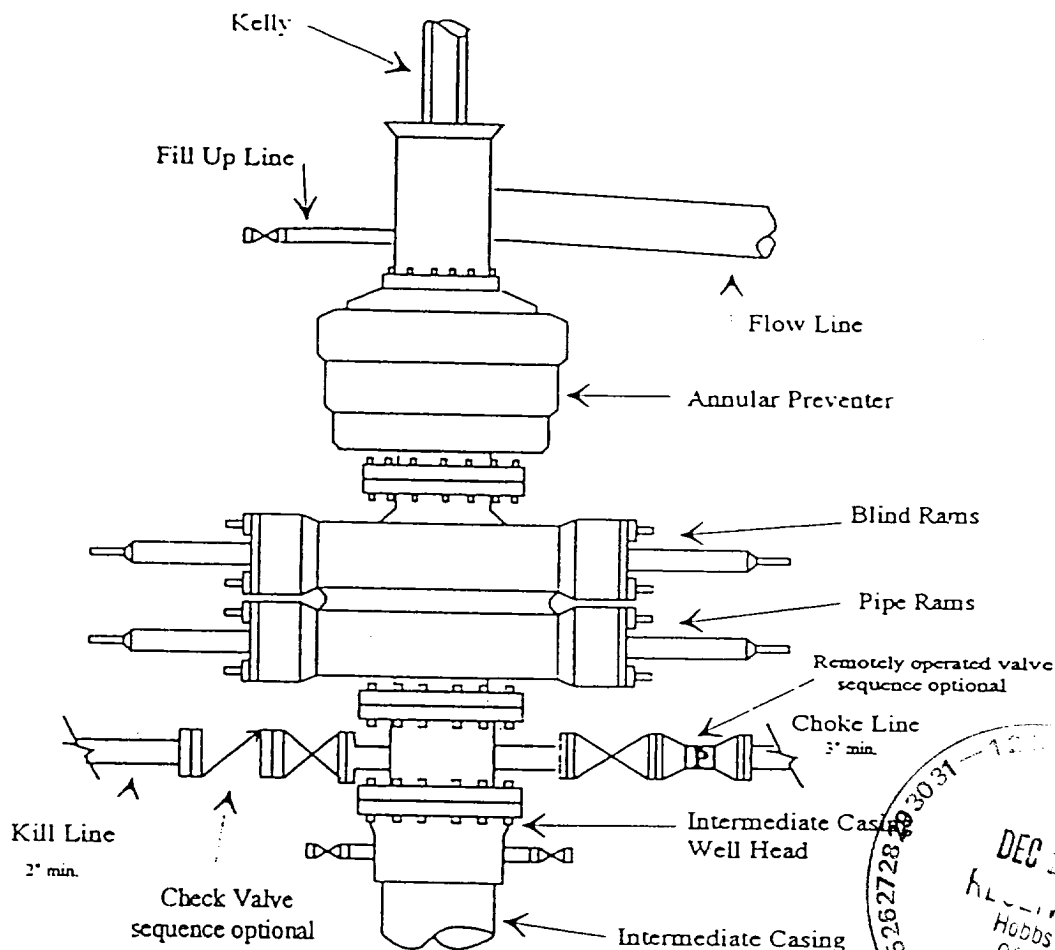
18. The Registered surveyors certification. This section does not have to be completed if this form has been previously accepted by the OCD and is being filed for a change of pool or dedicated acreage.

15. Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling



# David H. Arrington Oil & Gas, Inc.

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

