

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

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

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 12, 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> API Number 30-025-35295

<sup>4</sup> Property Code 20992	<sup>5</sup> Property Name G.R. Hare's Ear	<sup>6</sup> Well No. 1
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<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	35	15S	35E		455	South	869	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 Townsend Permo Upper Wildcat Penn	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code Oil	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code State	<sup>15</sup> Ground Level Elevation 3940'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 11,800'	<sup>18</sup> Formation Penn	<sup>19</sup> Contractor Patterson	<sup>20</sup> Spud Date 11/28/00



<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"	52#	470'	500 sx	Circulate
12 1/4"	8 5/8"	32#	4950'	1750 sx	Circulate
7 7/8"	5 1/2"	17#	11,800'	~400 sx	500' above upper
					most 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.

Set surface casing at 470'. Circulate to surface. Set intermediate casing at approximately 4950'. Cement. Install BOP's. Test casing to 1000 psi. Drill 7 7/8" hole to 11,800'. DST any prospective pays. Run 5 1/2" production casing if justified.

Permit Expires 1 Year From  
Date Unless Drilling Begins

<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: David H. Arrington Title: President Date: November 10, 2000		OIL CONSERVATION DIVISION Approved by:  Title: Approval Date: DEC 31 2000 Expiration Date: Conditions of Approval : Attached <input type="checkbox"/>	
Phone: (915) 682-6685			

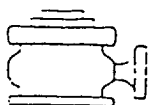
Submit to the Appropriate District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

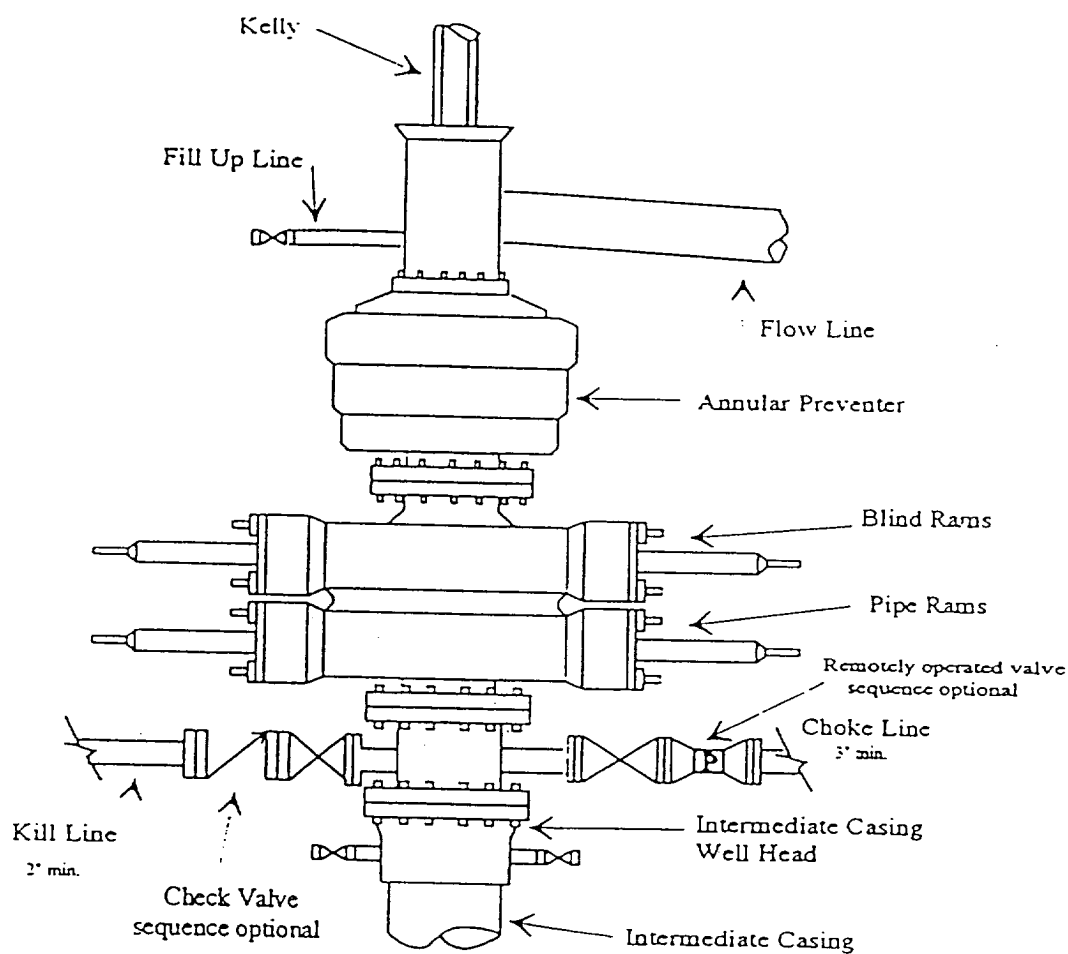
NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div></div>	<b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
	Signature 
	Printed Name Bill Baker, Jr.
	Title Exploration Manager
	Date 11-6-00
	<b>SURVEYOR CERTIFICATION</b> <i>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.</i>
	Date of Survey OCTOBER 23, 2000
	Signature and Seal of Professional Surveyor 
	Certificate No. V. L. BEZNER R.P.S. #7920
	JOB #72488 / 96 NW / V.H.B.



# 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

