

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  
May 27, 2004

Submit to appropriate District Office

☐ 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. 915.682.6685 PO Box 2071, Midland, TX 79702		<sup>2</sup> OGRID Number 5898
<sup>3</sup> Property Code 18676	<sup>4</sup> Property Name Rawson	<sup>5</sup> API Number 30 - 045-34634-32633
<sup>9</sup> Proposed Pool 1 Basin Dakota (71599)		<sup>6</sup> Well No. 1 E
<sup>10</sup> Proposed Pool 2		

**7 Surface Location**

UL or lot no. J	Section 35	Township 31N	Range 12W	Lot Idn	Feet from the 2228	North/South line South	Feet from the 1577	East/West line East	County San Juan
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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**

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 5,846'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 6,900'	<sup>18</sup> Formation Morrison	<sup>19</sup> Contractor D & J Drill.	<sup>20</sup> Spud Date 12/1/04
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 4,450 bbls Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input type="checkbox"/>				

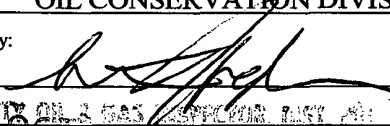
**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	32	300'	300 sx	Surface
8-3/4"	7"	23	2,500'	300 sx	Surface
6-1/4"	4-1/2"	11.6	6,900'	700 sx	2,000'

<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.

Will use 2000# BOP system.

**Renewing expired APD.  
No changes from original APD.**

<sup>23</sup> 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 NMOCD guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Brian Wood		Approved by: 	
Title: Consultant		Title: DEPUTY OIL & GAS SUPERVISOR DIST. III	
E-mail Address: brian@permitswest.com		Approval Date: OCT 27 2004 Expiration Date: OCT 27 2009	
Date: 10/25/04	Phone: 505.466.8120	Conditions of Approval Attached <input type="checkbox"/>	

State of New Mexico  
Energy, Minerals & Mining Resources Department

Form C - 102

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

☐ AMENDED REPORT

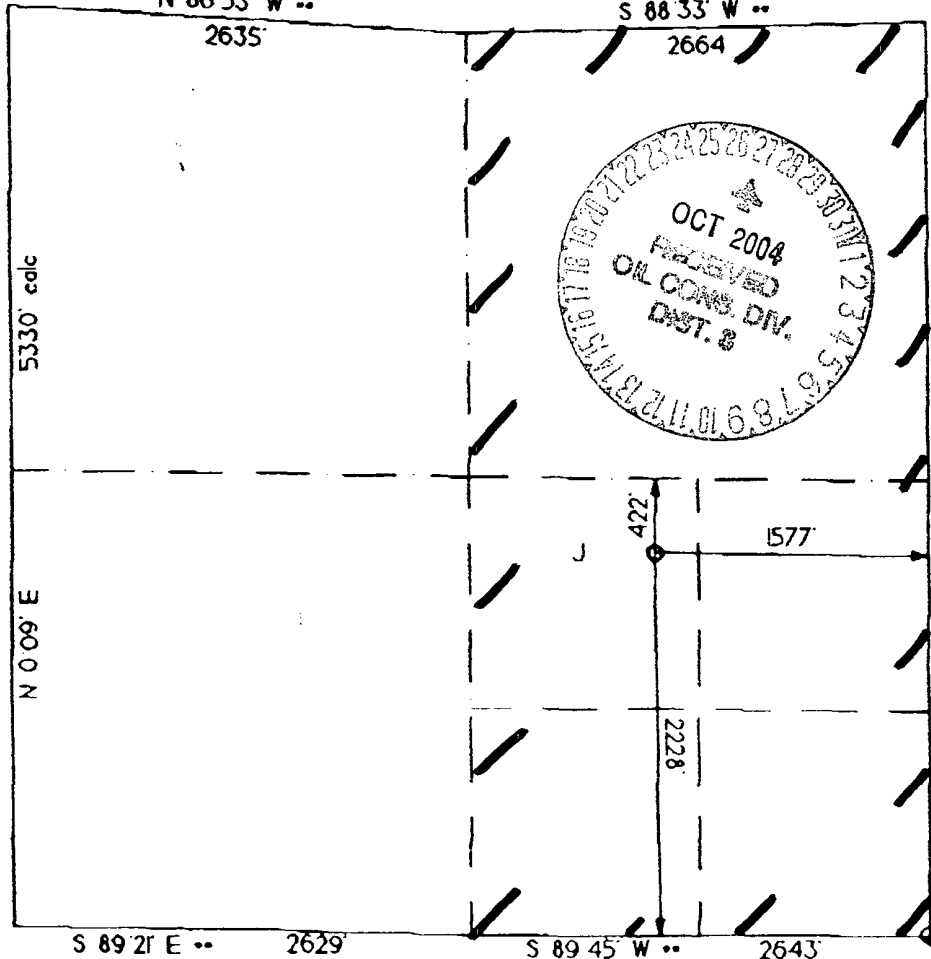
WELL LOCATION AND ACREAGE DEDICATION PLAT

APA Number <b>30-045-32633</b>	Pool Code <b>71599</b>	Pool Name <b>BASIN DAKOTA</b>
Property Code <b>18676</b>	Property Name <b>RAWSON</b>	Well Number <b>1E</b>
OGRD No. <b>5898</b>	Operator Name <b>DAVID H. ARRINGTON OIL &amp; GAS, INC.</b>	Elevation <b>5846'</b>

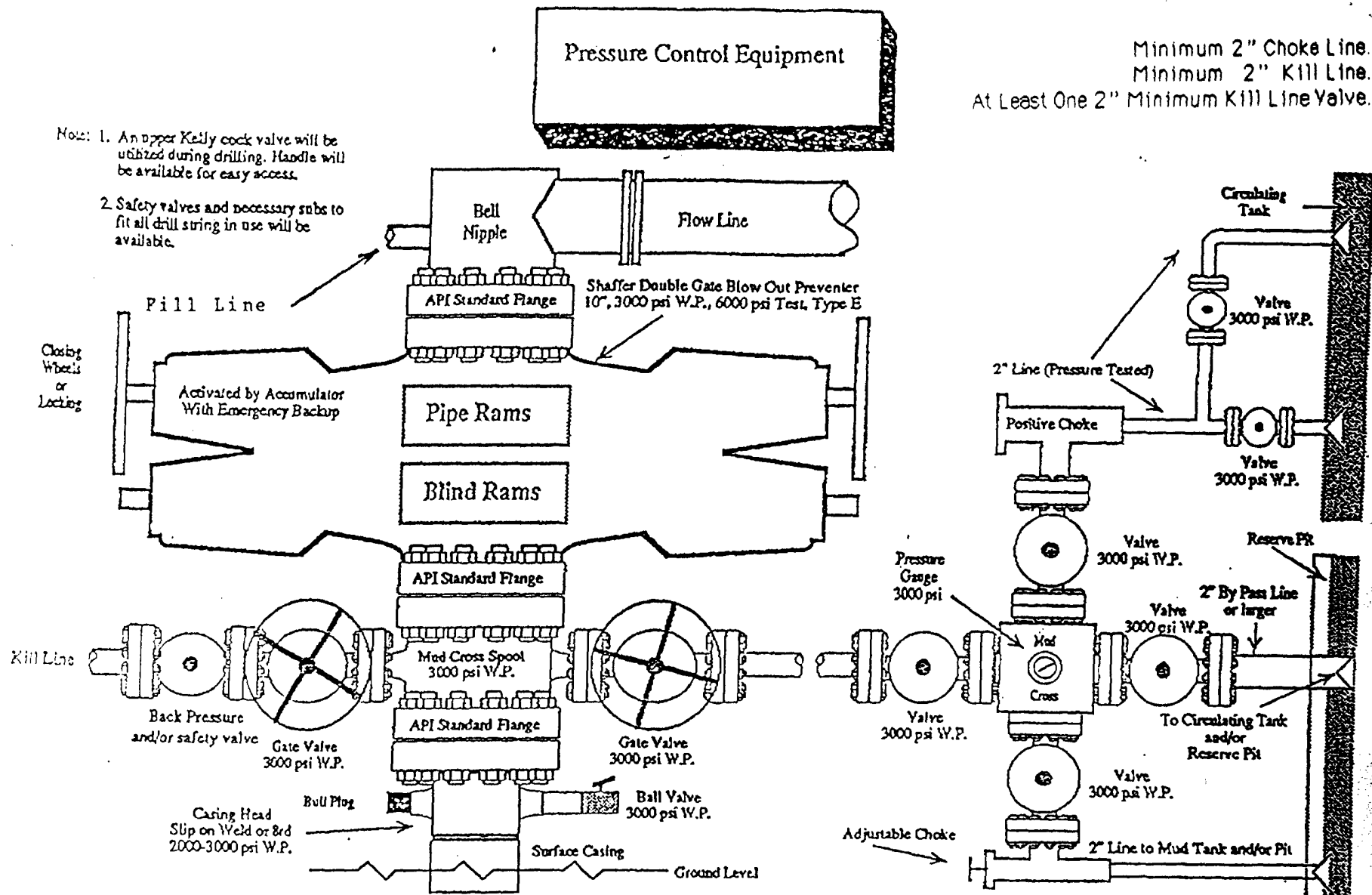
Surface Location									
UL or Lot	Sec.	Twp.	Rge.	Lot Lh.	Feet from	North/South	Feet from	East/West	County
	35	31 N.	12 W.		2228'	SOUTH	1577'	EAST.	SAN. JUAN.

Bottom Hole Location if Different From Surface									
UL or Lot	Sec.	Twp.	Rge.	Lot Lh.	Feet from	North/South	Feet from	East/West	County
Dedication <b>320</b>	Joint ?	Consolidation <b>C</b>	Order No.						

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



<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <i>B. Wood</i>	
Printed Name	<b>BRIAN WOOD</b>
Title	<b>CONSULTANT</b>
Date	<b>APR. 14, 2003</b>
<b>SURVEYOR CERTIFICATION</b> I hereby certify that the well location 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 <b>04/14/03</b> Signature <i>[Signature]</i> Professional Surveyor <b>6844</b> Registered Professional Surveyor	



Note: This equipment is designed to meet requirements for a 2-M rating standard per 43 CFR part 3160 (amended). Proper operation and testing of equipment will be carried out per standard. 2,000 psi equipment can be substituted in the drawing to meet minimum requirements per standard.