

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  
June 16, 2008

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**

<sup>1</sup> Operator Name and Address <b>ROSETTA RESOURCES OPERATING LP 1200 17TH ST., SUITE 770, DENVER, CO 80202</b>		<sup>2</sup> OGRID Number <b>239235</b>
		<sup>3</sup> API Number 30-045- <b>34907</b>
<sup>3</sup> Property Code <b>35714</b>	<sup>5</sup> Property Name <b>TSAH TAH 32</b>	<sup>6</sup> Well No <b>3</b>
<sup>9</sup> Proposed Pool 1 <b>BASIN FRUITLAND COAL GAS</b>		<sup>10</sup> Proposed Pool 2

<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
<b>M</b>	<b>32</b>	<b>25 N</b>	<b>10 W</b>		<b>1200</b>	<b>SOUTH</b>	<b>1200</b>	<b>WEST</b>	<b>SAN JUAN</b>

<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

Additional Well Information

<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>ROTARY</b>	<sup>14</sup> Lease Type Code <b>S</b>	<sup>15</sup> Ground Level Elevation <b>6,810'</b>
<sup>16</sup> Multiple <b>S</b>	<sup>17</sup> Proposed Depth <b>1,900'</b>	<sup>18</sup> Formation <b>LEWIS</b>	<sup>19</sup> Contractor	<sup>20</sup> Spud Date <b>MAR. 1, 2009</b>


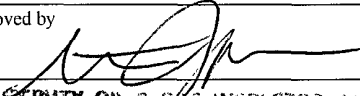
<sup>21</sup> Proposed Casing and Cement Program


Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>8-3/4"</b>	<b>7"</b>	<b>20 #</b>	<b>120'</b>	<b>75</b>	<b>SURFACE</b>
<b>6-1/4"</b>	<b>4-1/2"</b>	<b>10.5 #</b>	<b>1,900'</b>	<b>250</b>	<b>SURFACE</b>

<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 2,000 # BOP SYSTEM**

RCVD FEB 12 '09  
OIL CONS. DIV.  
DIST. 3

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

Signature 	OIL CONSERVATION DIVISION	
Printed name <b>BRIAN WOOD</b>	Approved by 	
Title <b>CONSULTANT</b>	Title <b>DEPUTY OIL &amp; GAS INSPECTOR, DIST. 3</b>	
E-mail Address <b>brian@permitswest.com</b>	Approval Date <b>FEB 24 2009</b>	Expiration Date <b>FEB 24 2011</b>
Date <b>2-10-09</b>	Phone <b>(505) 466-8120</b>	Conditions of Approval Attached <input type="checkbox"/>

FEB 24 2009 

DISTRICT I  
1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised October 12, 2005

DISTRICT II  
1301 W. Grand Avenue, Artesia, N.M. 88210

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <b>30-045-34907</b>		*Pool Code <b>71629</b>	*Pool Name <b>BASIN FRUITLAND COAL GAS</b>
*Property Code <b>35714</b>	*Property Name <b>TSAH TAH 32</b>		*Well Number <b>3</b>
*OGRID No. <b>239235</b>	*Operator Name <b>ROSETTA RESOURCES OPERATING LP</b>		*Elevation <b>6810'</b>

<sup>10</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
M	32	25N	10W		1200'	SOUTH	1200'	WEST	SAN JUAN

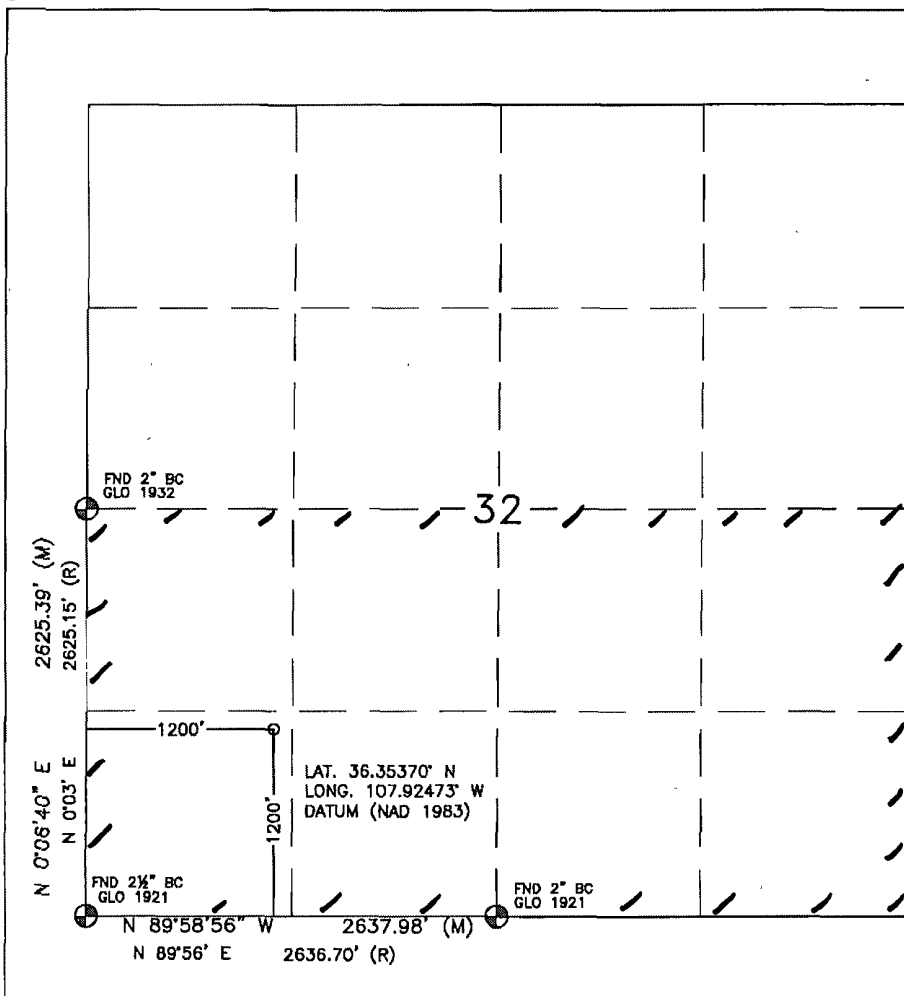
<sup>11</sup> Bottom Hole Location If Different From Surface

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

<sup>12</sup> Dedicated Acres <b>320 3/2</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code <b>C</b>	<sup>15</sup> 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

18



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner or a compulsory pooling order heretofore entered by the division.

*Brian Wood* 2-10-09  
Signature Date  
**BRIAN WOOD**

Printed Name

<sup>18</sup> SURVEYOR CERTIFICATION

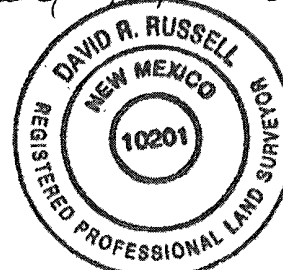
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

FEBRUARY 3, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

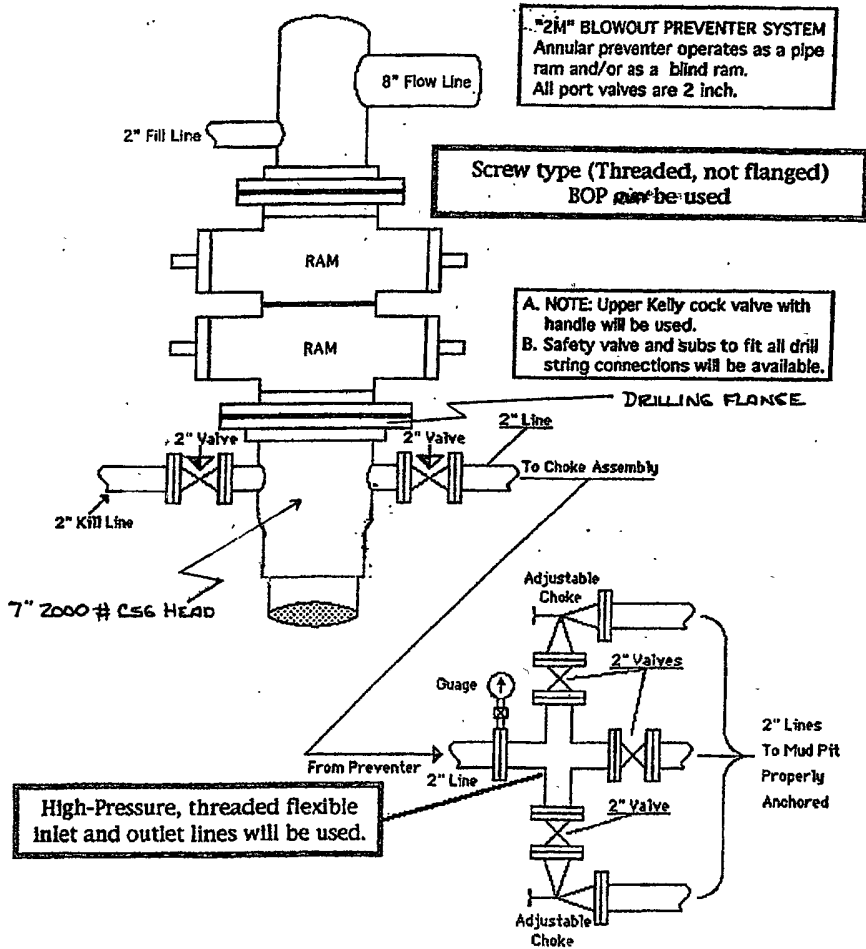
*David A. Russell*



DAVID RUSSELL

Certificate Number 10201

# "2M" BLOWOUT PREVENTER SYSTEM



Chihuahua Rig #201  
BOP Testing Procedure.

Refer to the attached diagram for the bradenhead and BOP configuration. No mud cross will be utilized. The choke manifold will be connected to one side of the bradenhead. Connect the third-party testing company's test truck to the opposite side of the bradenhead.

### Kill Line Valve:

Connect the test truck to the kill line valve and pressure test the valve to 250 psig low and 1,000 psig high. Test each pressure for 10 minutes.

### Blind Rams:

Close the blind rams and open the bradenhead valve to the choke manifold. Have all three of the choke manifold valves closed. Pressure test the blind rams, casing, bradenhead, and choke manifold to 250 psig low and 1,000 psig high. Test each pressure for 30 minutes. A successful test will not have more than a 10% drop during the 30 minute test period.

If the test is successful proceed with the pipe ram test.

If the test is not successful, open the blind rams and install the test plug at the bottom of the bradenhead (the test plug seal is below the two valves on the bradenhead). Close the bradenhead valve to the choke manifold. Pressure test the blind rams and bradenhead to 250 psig low and 1,000 psig high. Open the bradenhead valve to the choke manifold and repeat the test. If these test fail with no obvious leaks at either the blind rams or the choke manifold, remove the test plug and run a 7" packer into the first joint of casing and repeat both tests. Use caution when pulling the test plug if pressure is trapped below the plug. Recommend closing the pipe rams and opening the bradenhead valve to the choke manifold before trying to pull the test plug.

### Pipe Rams:

Install the TIW valve on the bottom of one joint of drill pipe. Run the one joint into the well and close the pipe rams. Chain down the joint of drill pipe but leave the top of the pipe open. With the bradenhead valve open and the test truck still connected to the other side of the bradenhead, test the pipe rams to 250 psig low and 1,000 psig high. Hold each pressure for 30 min with no more than a 10% drop during the test period.

### Upper Kelly Cock:

Install the TIW valve to the bottom of the Kelly. Install the test truck to the TIW Valve. With the TIW valve closed, pressure test the TIW valve to 250 psig low and 1,000 psig high for 10 minutes. Open and the TIW valve and close the upper Kelly cock. Pressure test the Kelly and upper Kelly cock to 250 psig low and 1,000 psig high. Hold each pressure for 10 minutes with 0% drop during the test.