

NSL

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  
May 27, 2004

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>Algerita Energy LLC , PO Box 10209, Amarillo, TX 79116-0209</b>		<sup>2</sup> OGRID Number <b>229165</b>
<sup>3</sup> Property Code <b>34292</b>	<sup>4</sup> Property Name <b>Barbara Page</b>	<sup>5</sup> API Number <b>30-001-20015</b>
<sup>6</sup> Well No. <b>28-E 2</b>		
<sup>9</sup> Proposed Pool 1		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no. <b>E</b>	Section <b>28</b>	Township <b>10N</b>	Range <b>1E</b>	Lot Idn	Feet from the <b>2,310</b>	North/South line <b>NORTH</b>	Feet from the <b>1,100</b>	East/West line <b>WEST</b>	County <b>Bernalillo</b>
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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 <b>N</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type Code <b>P</b>	<sup>15</sup> Ground Level Elevation <b>5876</b>
<sup>16</sup> Multiple <b>N</b>	<sup>17</sup> Proposed Depth <b>8,000'</b>	<sup>18</sup> Formation <b>ENTRADA</b>	<sup>19</sup> Contractor <b>UNKNOWN</b>	<sup>20</sup> Spud Date <b>ON APPROVAL</b>
Depth to Groundwater <b>850'</b>		Distance from nearest fresh water well <b>&gt;4,100'</b>		Distance from nearest surface water <b>&gt;1 mile</b>
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: <b>11,300</b> bbls Drilling Method: <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
<b>17-1/2"</b>	<b>13-3/8"</b>	<b>48#</b>	<b>800'</b>	<b>1,680 ft<sup>3</sup></b>	<b>Surface</b>
<b>12-1/4"</b>	<b>9-5/8"</b>	<b>36#</b>	<b>4,000'</b>	<b>1,096 ft<sup>3</sup></b>	<b>500'</b>
<b>7-7/8"</b>	<b>4-1/2"</b>	<b>11.6#</b>	<b>8,000'</b>	<b>956 ft<sup>3</sup></b>	<b>3,800'</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.

Use 3,000 # BOP

OIL CONSERVATION COMMISSION TO BE NOTIFIED  
WITHIN 24 HOURS OF BEGINNING OPERATIONS

COLLECT AND SACK SAMPLES FOR  
NEW MEXICO BUREAU OF MINES, SOCORRO  
AT AT LEAST TEN FOOT INTERVALS

<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 ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐

Printed name: **Brian Wood**  
Title: **Consultant**  
E-mail Address: **brian@permitswest.com**  
Date: **9-15-04**

Phone: **505.466.8120**

OIL CONSERVATION DIVISION

Approved by:

Title: **DISTRICT SUPERVISOR**

Approval Date: **9/23/04**

Expiration Date: **9/23/05**

Conditions of Approval Attached ☐

*Non standard location will need to be approved prior to any production.*

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State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102  
Revised June 10, 2003

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
				WILDCAT ENTRADA	
4 Property Code		5 Property Name			6 Well Number
		BARBARA PAGE			28 - 1
7 OGRID No.		8 Operator Name			9 Elevation
		ALGERITA ENERGY, LLC			5876

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	28	10-N	1-E		2310	NORTH	1100	WEST	BERNALILLO

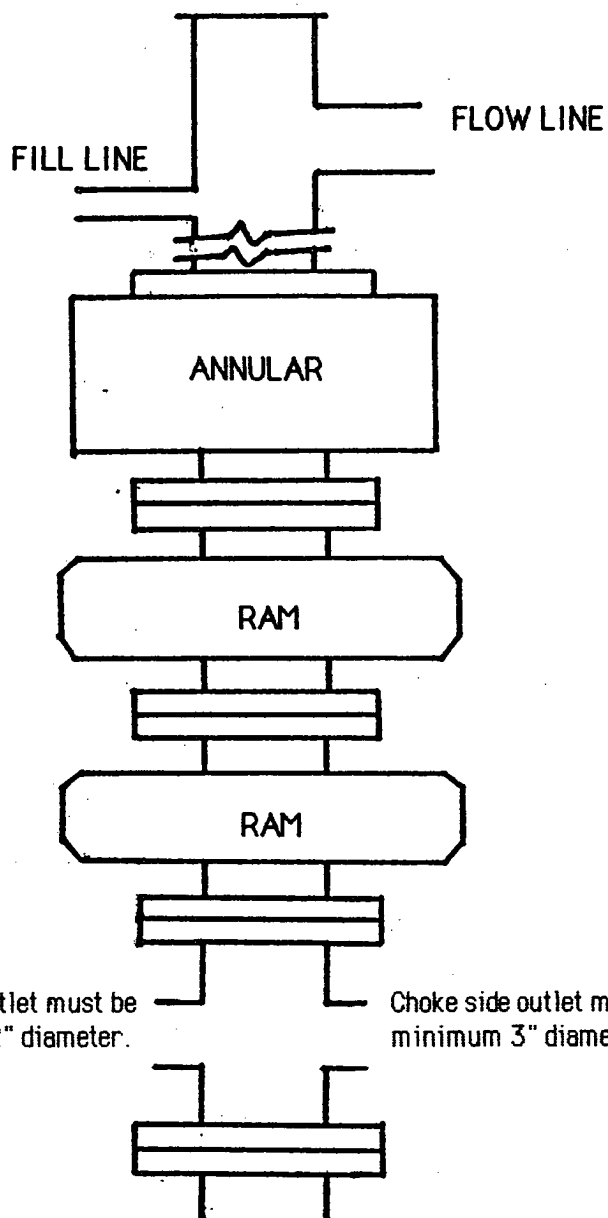
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres			13 Joint or Infill		14 Consolidation Code		15 Order No.		
160									

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

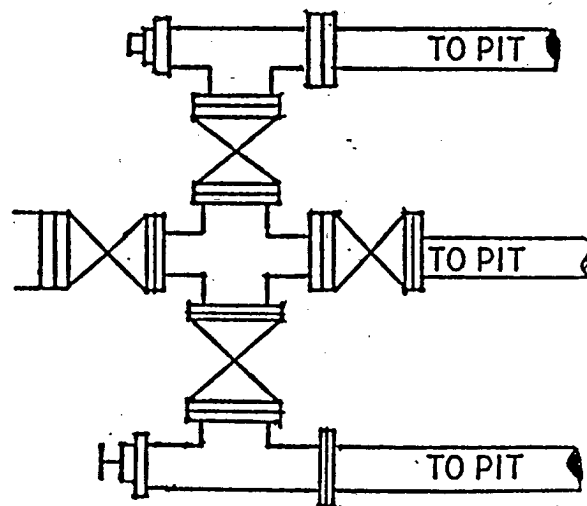
16

FD 1" PIPE SET IN CONCRETE	S 89-58-35 E	5276.64' (M)	FD 1" PIPE SET IN CONCRETE	17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature <u>Brian Wood</u> Printed Name <u>BRIAN WOOD</u> Title <u>CONSULTANT</u> Date <u>SEPT. 18, 2004</u>
2310'				
5279.81' (M)	LAT. 35°03'59.46" N (NAD 83) LONG. 106°50'50.96" W (NAD 83)			
1100'				
N 00-10-42 W	28			18 SURVEYOR CERTIFICATION <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 <u>2004</u> Signature <u>JOHN A. YUKONCH</u> Seal of Professional Surveyor 14831 REGISTERED PROFESSIONAL SURVEYOR Certificate Number
FD 1" PIPE SET IN CONCRETE				



TYPICAL BOP STACK  
& CHOKE MANIFOLD

There will be at least 2 chokes and 2 choke line valves (3" minimum). The choke line will be 3" in diameter. There will be a pressure gauge on the choke manifold.



Kill line will be minimum 2" diameter and have 2 valves, one of which shall be a minimum 2" check valve.

Upper kelly cock will have handle available.  
Safety valve and subs will fit all drill string connections in use.  
All BOPE connections subjected to well pressure will be flanged, welded, or clamped.