

30-001-20014

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 Algerita Energy, PO Box 10209, Amarillo, TX 79116-0209		<sup>2</sup> OGRID Number 229165
<sup>3</sup> Property Code 34292	<sup>5</sup> Property Name Barbara Page	<sup>4</sup> API Number 30-001-20014
<sup>9</sup> Proposed Pool 1		<sup>6</sup> Well No. 20-1
<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
P	20	10N	1E		660	South	660	East	Bernalillo

<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 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 5945
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 8,000'	<sup>18</sup> Formation ENTRADA	<sup>19</sup> Contractor UNKNOWN	<sup>20</sup> Spud Date ON APPROVAL
Depth to Groundwater 850'		Distance from nearest fresh water well >4,600'		Distance from nearest surface water >1 mile
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/>		Pit Volume: 11,300 bbls		
Closed-Loop System <input type="checkbox"/>		Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		

<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"	48#	800' ✓	1,680 ft <sup>3</sup>	Surface ✓
12-1/4"	9-5/8"	36#	4,000'	1,096 ft <sup>3</sup>	500' ✓
7-7/8"	4-1/2"	11.6#	8,000'	956 ft <sup>3</sup>	3,800'

<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

<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: 9-13-04 Phone: 505.466.8120

OIL CONSERVATION DIVISION

Approved by:

Title: DISTRICT SUPERVISOR

Approval Date: 9/16/04

Expiration Date: 9/16/05

Conditions of Approval Attached ☐

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

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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

<sup>1</sup> API Number .	<sup>2</sup> Pool Code .	<sup>3</sup> Pool Name WILDCAT ENTRADA
<sup>4</sup> Property Code .	<sup>5</sup> Property Name BARBARA PAGE	<sup>6</sup> Well Number 20 - 1
<sup>7</sup> OGRID No. .	<sup>8</sup> Operator Name ALGARITA ENERGY, LLC	<sup>9</sup> Elevation 5945

## <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
P .	20	10-N	1-E	.	660	SOUTH	. 660 .	. EAST .	BERNALILLO

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

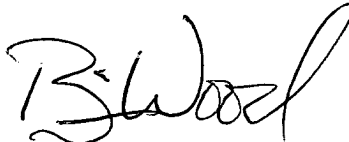
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres  <div style="text-align: center; font-size: 2em;">160</div>			<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.		

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

			FD 1" PIPE SET IN CONCRETE
			5279.47' (M)
	20		N 00-10-03 W
	LAT. 36°04'28.84" N (NAD 83) LONG. 106°51'12.21" W (NAD 83)		
FD 1" PIPE SET IN CONCRETE	N 89-57-29 W	5279.66' (M)	FD 1" PIPE SET IN CONCRETE

17 OPERATOR CERTIFICATION

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



Signature **BRIAN WOOD**

Printed Name **CONSULTANT**

Title **SEPT. 7, 2004**


Date

18 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.*

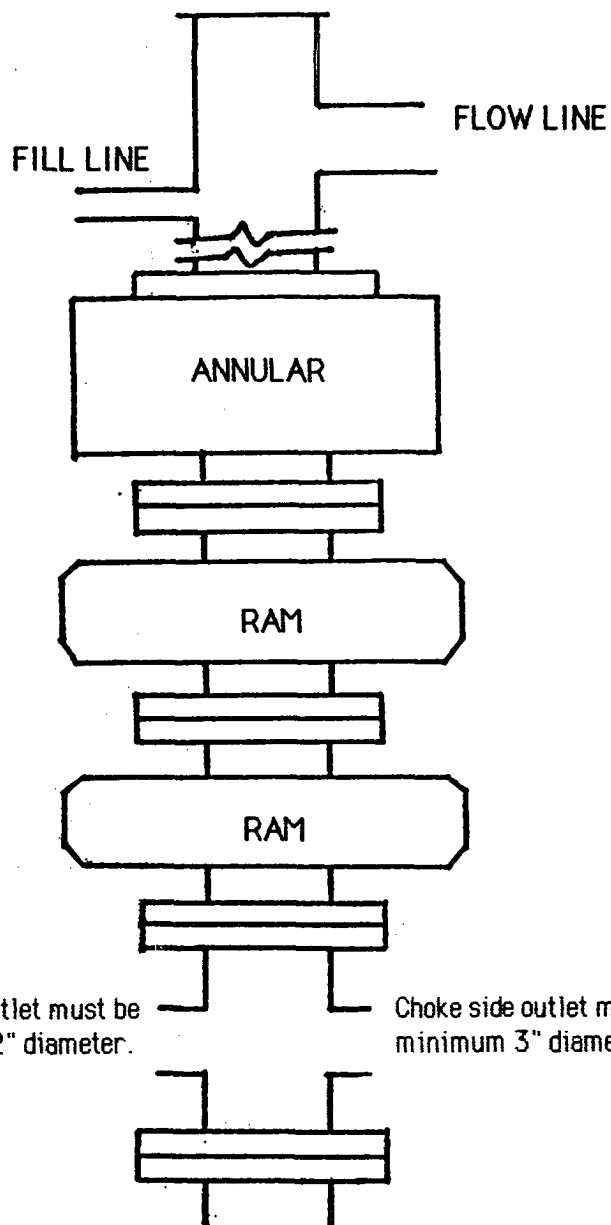
Date of Survey **SEP 7 2004**

Signature and Seal of Professional Surveyor:



14831

Certificate Number



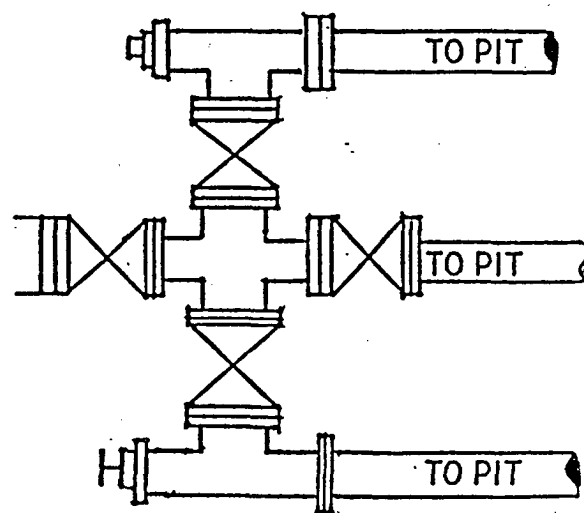
TYPICAL BOP STACK  
& CHOKES MANIFOLD

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 side outlet must be minimum 2" diameter.

Choke side outlet must be minimum 3" diameter.

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.