

District I  
1625 N. Franch 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>Caulkins Oil Company 1409 W. Aztec Blvd, Suite B7 Aztec, NM 87410</b>		<sup>2</sup> OGRID Number <b>003824</b>
<sup>3</sup> Property Code <b>2464</b>	<sup>4</sup> Property Name <b>STATE "A"</b>	<sup>5</sup> API Number <b>30 - 039 - 30280</b>
<sup>9</sup> Proposed Pool 1 <b>Basin Dakota</b>		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location

UL or lot no <b>G</b>	Section <b>2</b>	Township <b>26N</b>	Range <b>6W</b>	Lot Idn	Feet from the <b>1975'</b>	North/South line <b>North</b>	Feet from the <b>1950'</b>	East/West line <b>East</b>	County <b>Rio Arriba</b>
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<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
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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>Rotary</b>	<sup>14</sup> Lease Type Code <b>S</b>	<sup>15</sup> Ground Level Elevation <b>6653</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>7700'</b>	<sup>18</sup> Formation <b>Basin Dakota</b>	<sup>19</sup> Contractor <b>D &amp; J Drilling</b>	<sup>20</sup> Spud Date <b>Est. 9-1-07</b>
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner. Synthetic <input checked="" type="checkbox"/> 30 mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method:				
Closed-Loop System <input type="checkbox"/> 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
<b>12 14"</b>	<b>9 5/8"</b>	<b>36.0#</b>	<b>350'</b>	<b>126 (186 cu. ft.)</b>	<b>Surface</b>
<b>7 78"</b>	<b>5 1/2"</b>	<b>15.5# &amp; 17#</b>	<b>7700'</b>	<b>1085 (2123 cu. ft.)</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.

It is proposed to drill Dakota well to approximately 7700', 15.5# & 17# sml casing will be run to TD and cemented in 2 stages with sufficient cement to circulate to surface.

Well will be drilled with 9.0# fluids, surface to TD. A 10" 3000# WP BOP will be in use at all times while drilling below surface pipe.

Well will be perforate at frac'd in Basin Dakota formation.

Gas sales will be to Williams Gathering System, oil sales to Giant Refinery.  
Estimated starting date, September 1, 2007

NOTIFY AZTEC OCD 24 HRS.  
PRIOR TO CASING & CEMENT

RCVD JUN 19 '07  
OIL CONS. DIV.

<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 ☐.

Signature *Robert L. Verquer*

Printed name. Robert L. Verquer

Title: Superintendent

E-mail Address: caulkinsoil@qwest.net

Date: June 12, 2007

Phone: 505-334-4323

OIL CONSERVATION DIVISION

Approved by *[Signature]*

Title: Deputy Oil & Gas Inspector,

Approval Date: JUL 17 2007 District #3

Conditions of Approval Attached ☐

7-17-07  
BH ✓ B

DISTRICT I  
1626 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 Department

Form C-102  
Revised October 12, 2005

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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

☐ AMENDED REPORT

RCVD JUL 11 '07

OIL CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-30280	<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name BASIN DAKOTA	<sup>4</sup> Well Number 77
<sup>5</sup> Property Code 2464	<sup>6</sup> Property Name STATE A		<sup>7</sup> Elevation 6653'
<sup>8</sup> GRID No. 003824	<sup>9</sup> Operator Name CAULKINS OIL COMPANY		

<sup>10</sup> Surface Location

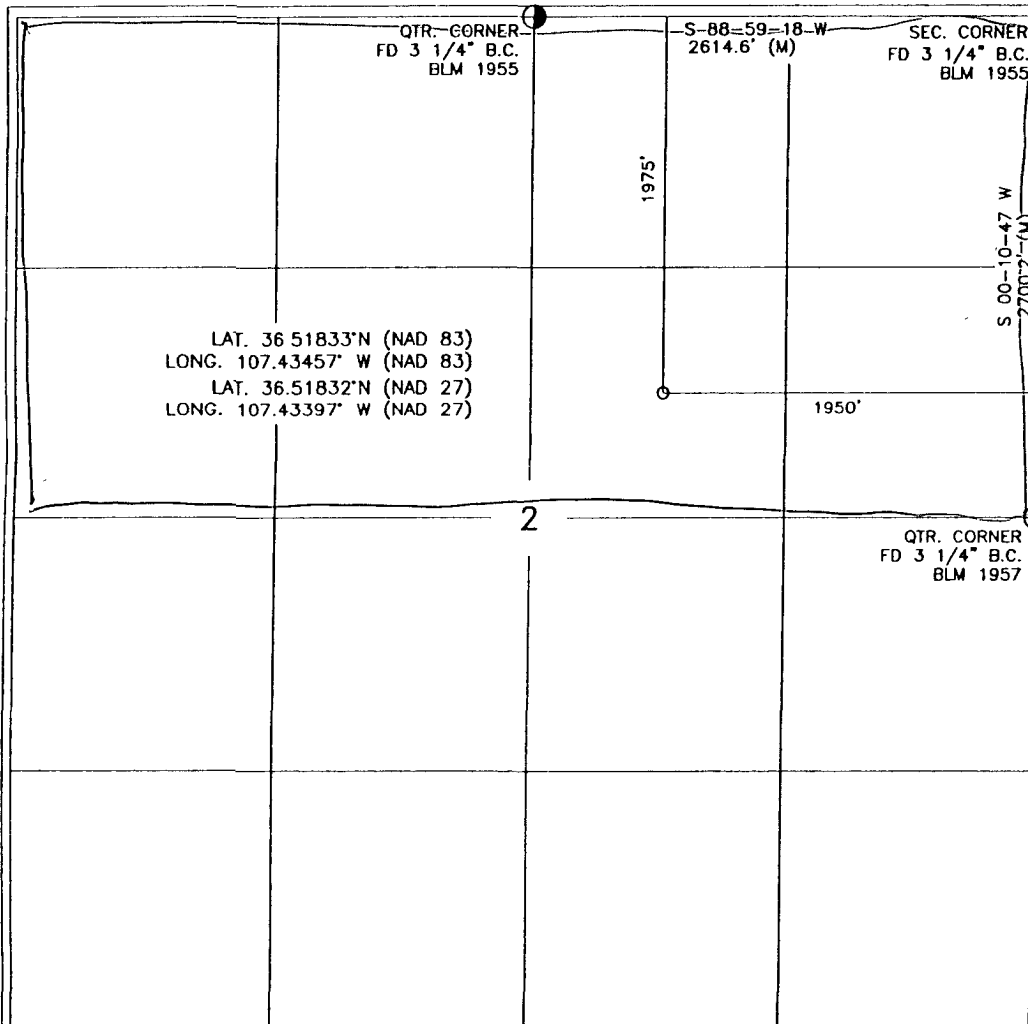
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	2	26-N	6-W		1975	NORTH	1950	EAST	RIO ARRIBA

<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 320 N/2			<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

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17 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 of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Robert L. Verquer* 6-28-07  
Signature Date

Robert L. Verquer  
Printed Name

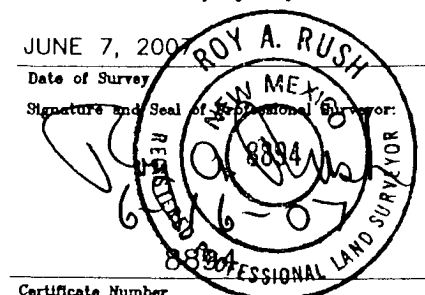
18 SURVEYOR CERTIFICATION

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.

JUNE 7, 2007

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number

**State of New Mexico**  
**Energy, Minerals and Natural Resources Department**

**OIL CONSERVATION DIVISION**

1220 South St. Frances Dr.  
Santa Fe, New Mexico 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR TO PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)</b>		WELL API NO. <u>30-039-30280</u>
		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
1. Type of Well Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		6. State Oil & Gas Lease No E29117
		7. Lease Name or Unit Agreement Name STATE "A"
2. Name of Operator Caulkins Oil Company		8. Well No 77
		9. OGRID Number 003824
3. Address of Operator 1409 W. Aztec Blvd., Suite B7, Aztec, NM 87410		Pool Name or Wildcat BASIN DAKOTA
4. Well Location Unit Letter <u>G</u> : <u>1975'</u> feet from the <u>North</u> line and <u>1950'</u> feet from the <u>East</u> line <u>2</u> Section <u>26N</u> Township <u>6W</u> Range <u>NMPM</u> Rio Arriba County		
		10. Elevation (Show Whether DF,RKB,RT,GR,etc ) 6653 GR
<b>Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/></b>		
Pit type <u>Drilling</u> Depth to Groundwater <u>125'</u> Distance from nearest fresh water well <u>&gt;1000</u> <u>1-mile</u> Distance from nearest surface water <u>&gt;1000</u> <u>1/2-mile</u>		
Pit Liner thickness: <u>30</u> mil Below-grade Tank: Volume _____ bbls; Construction Material _____		
<b>NOTICE OF INTENTION TO:</b> Perform Remedial Work <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Change Plans <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other: <u>Drilling Pit</u> <input checked="" type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> Remedial Work <input type="checkbox"/> Altering Casing <input type="checkbox"/> Commence Drilling Opns. <input type="checkbox"/> Plug and Abandonment <input type="checkbox"/> Casing Test and Cement Job <input type="checkbox"/> Other: _____ <input type="checkbox"/>

12. Describe Proposed or Completed Operations

Construct new below grade drilling pit along with location.

A liner will be installed.

Estimated starting date, July 20, 2007

**NOTE:** This format is in lieu of State Form C-103.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE <u>Robert L. Verquer</u>	TITLE <u>Superintendent</u>	DATE <u>June 12, 2007</u>
ROBERT L. VERQUER	Ph. (505) 334-4323	

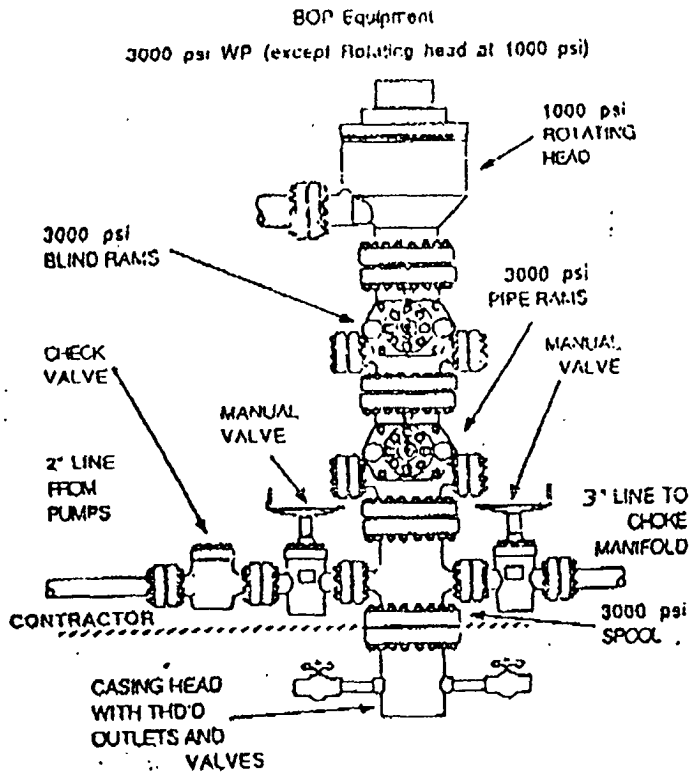
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APPROVED BY [Signature]

CONDITIONS OF APPROVAL, IF ANY:

TITLE <u>Deputy Oil &amp; Gas Inspector,</u>	DATE <u>JUL 17 2007</u>	
District #3		

# EXHIBIT "C"



# EXHIBIT "B" CHOKE MANIFOLD

