

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87504

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87504

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address PRIMERO OPERATING, INC PO BOX 1433, ROSWELL, NM 88202-1433		<sup>2</sup> OGRID Number 018100
<sup>3</sup> Property Code 27765	<sup>5</sup> Property Name SHIRKEY	<sup>4</sup> API Number 30-005-21169
		<sup>6</sup> Well No. 1

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	8	8S	30E		1980	SOUTH	1980	West	Chaves

**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

<sup>9</sup> Proposed Pool 1 West Cato San Andres Gas	<sup>10</sup> Proposed Pool 2
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<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 4034 GL
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 3400'	<sup>18</sup> Formation San Andres	<sup>19</sup> Contractor UDI	<sup>20</sup> Spud Date June 10, 2001

**21 Proposed Casing and Cement Program**

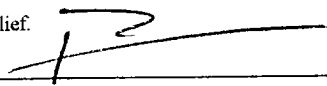

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	550'	400	Circ.
7 7/8"	5 1/2"	11.5#	3400'	200	2400'

22 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.

We propose to drill a 12 1/4" hole to 550, set 8 5/8" 24# casing and cement with adequate volumes of cement to circulate cement to surface. We will then drill a 7 7/8" hole to 3400' (TD) with air and log. If the well looks productive we will run 5 1/2" casing to Td and cement with adequate cement to bring cement top at least 600' above shallowest producing zone. If well is not productive we will plug pursuant to NMOC rules and regulations.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

See attached BOP diagram

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Phelps White		Approved by: 	
Title: President		Title:	
Date: 3/19/01		Approval Date: 3-20-01	Expiration Date:
Phone: 505-622-1001		Conditions of Approval:	
		Attached <input type="checkbox"/>	

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MP

## State of New Mexico

Energy, Minerals and Natural Resources Department

## DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

## DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-005-21169</b>		Pool Code 74445	Pool Name West Cato San Andres, Gas
Property Code <b>27765</b>	Property Name <b>SHIRKEY</b>		Well Number 1
GRID No. 018100	Operator Name <b>PRIMERO OPERATING</b>		Elevation 4034'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	8	8-S	30-E		1980	SOUTH	1980	WEST	CHAVES

## 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
Dedicated Acres 160	Joint or Infill	Consolidation Code C	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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Phelps White Printed Name President Title March 19, 2001 Date	
	<b>SURVEYOR CERTIFICATION</b>  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.  MARCH 15, 2001 Date Surveyed Signature & Seal of Professional Surveyor  01-11-0323 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641	

see Amended Plat

ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED

ELF