

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

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

Form C-101
Revised March 17, 1999

RECEIVED

AUG 29 2005

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

☐ AMENDED REPORT
OIL CONSERVATION

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

¹ Operator Name and Address PRIMERO OPERATING, INC. PO Box 1433, Roswell, NM 88202-1433		² OGRID Number 018100
³ Property Code 35048		³ API Number 30 - 053 - 20038
³ Property Name Prarie Hills State		⁶ 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
G	16	5S	5E		2096	North	2141	East	Socorro

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

⁹ Proposed Pool 1 Undesignated Pennsylvanian	¹⁰ Proposed Pool 2
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¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 5281
¹⁶ Multiple N	¹⁷ Proposed Depth 6000	¹⁸ Formation Pre Cambrian	¹⁹ Contractor United Drilling	²⁰ Spud Date Nov. 1, 2005

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5	8 5/8"	24	500	400	Surface
7 7/8"	4 1/2"	10.5	6000	Unk.	>500' above Pay

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.

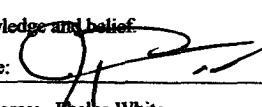
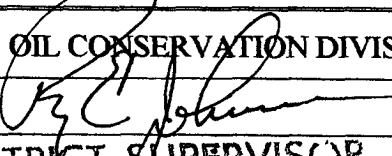
Describe the blowout prevention program, if any. Use additional sheets if necessary.

We Propose to drill a 17 1/2" hole to 500' and set 8 5/8". The 8 5/8" casing will be cemented adequately to bring cement to the surface. After WOC 18 Hours, we plan to drill a 7 7/8" hole to 6000'. At TD, we will run Electric logs and depending on the outcome, we plan to P&A the well to NMOCD standards, or run 4 1/2" casing to TD and cement with adequate cement to cover upper pay zone by at least 500'.

This well will be drilled with Air/Mist and aerated mud. ✓

A BOP diagram is attached.

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

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: 		Approved by: 	
Printed name: Phelps White		DISTRICT SUPERVISOR	
Title: President		Approval Date: 8/30/05	Expiration Date: 8/30/06
Date: 8/24/05	Phone: 505 622 1001	Conditions of Approval:	
		Attached <input type="checkbox"/>	

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

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1080 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2082, Santa Fe, NM 87504-2082

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2082
Santa Fe, NM 87504-2082

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

AUG 29 2005

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code		Well Name DIVISION Undesignated, Pennsylvanian	
Property Code		Property Name Prarie Hills State			Well Number 1
OGRID No. 018100		Operator Name Primero Operating Inc			Elevation 5281

¹⁰ Surface Location

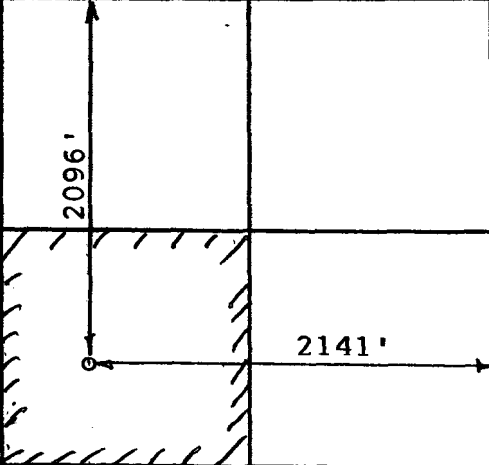

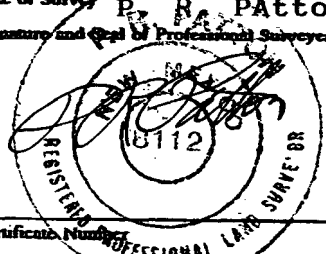
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
G	16	5 S	5 E		2096	NORTH	2141	EAST	Socorro

¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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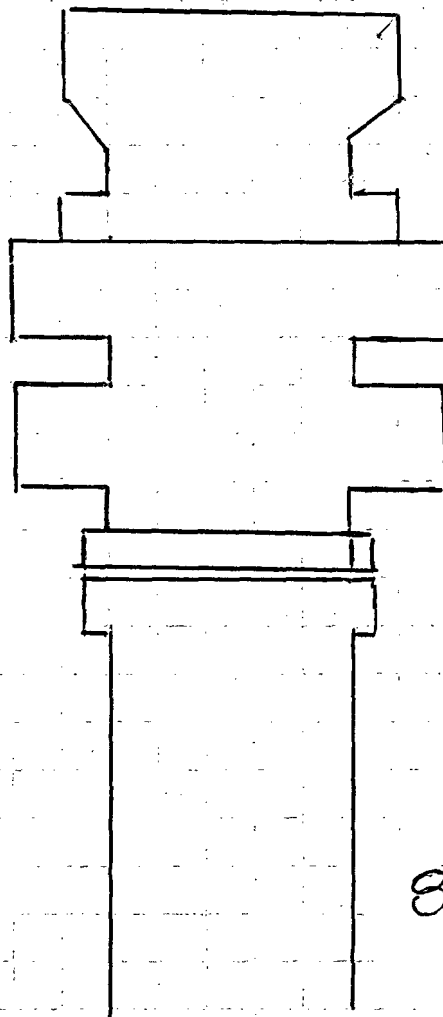
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>16</div> 	<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature J. Phelps White, IV Printed Name PRESIDENT Title B-24-05 Date</p>	
	<div>18 SURVEYOR CERTIFICATION</div> <p>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.</p> <p>March 11, 2005 Date of Survey P. R. Patton Signature and Seal of Professional Surveyor</p> <p> Certificate Number 8112</p>	

Date:

BOP DIAGRAM

PRAIRIE HILLS St #1
Sec 16, T5S, R5E
SOCORRO Count, NM.



ROTATING HEAD

ANGULAR RAMS
3,000 psi WP

BLIND RAMS

8 5/8" CASING