

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

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

☐ AMENDED REPORT

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 API Number 30 - 005 61899
³ Property Code 302961	⁵ Property Name Ard 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
1	4	8S	27E		1980	S	660	E	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

⁹ Proposed Pool 1 Acme San Andres	¹⁰ Proposed Pool 2
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¹¹ Work Type Code ¹⁶ Multiple	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3931 Gr
	¹⁷ Proposed Depth	¹⁸ Formation San Andres	¹⁹ Contractor	²⁰ Spud Date 1/11/07

²¹ Proposed Casing and Cement Program

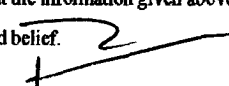
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 .5	13 3/8	54.5	813	840	surface
7 7/8	5.5	15.5	6883	1425	surface

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 plug back the well to the San Andres using two CIBP's w/ 35 sx cement on each set @ 4758' to cover the abo top and one at 2575' to cover the top of the Glorieta. We then propost to test the san andres P3 and P4 zones between 2100 and 2500' by perforating and acidizing.

Completion fluids will be fresh water. No pits will be used

See attached BOP Diagram

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Phelps White		Approved by: BRYAN G. ARRANT	
Title: President		Title: DISTRICT II GEOLOGIST	
Date:		Approval Date: JAN 11 2007	Expiration Date: JAN 11 2008
Phone: 505 622 1001		Conditions of Approval: Attached <input type="checkbox"/>	

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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87504

Form C-102
Revised August 15, 2000

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AT

¹ API Number 30 005 61891	² Pool Code 760	³ Pool Name Acme, San Andres
⁴ Property Code Ard State	⁵ Property Name	⁶ Well Number 1
⁷ OGRID No. 018100	⁸ Operator Name Primero Operating, Inc	⁹ Elevation 3931 Gr

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
1	4	8S	27E		1980	S	660	E	Chaves

¹¹ Bottom Hole Location If Different From Surface

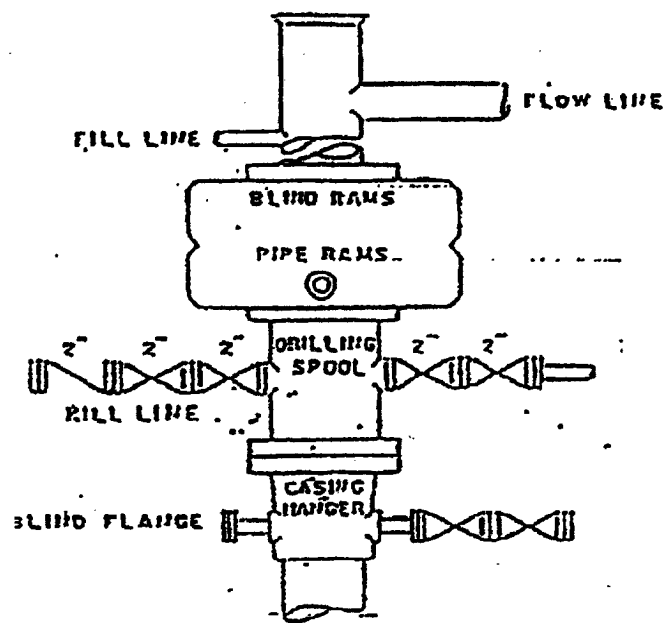
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 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

16					<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>Signature: </p> <p>Printed Name: Phelps White</p> <p>Title: President</p> <p>Date: 1/10/07</p>
					<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><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></p> <p>Date of Survey: 12/14/82</p> <p>Signature and Seal of Professional Surveyor: original survey by Gary L. Jones</p> <p>Certificate Number: 7977</p>

BOP Diagram



Amoco State #1 Re-Entry

Arrant, Bryan, EMNRD

From: pwiv@zianet.com
Sent: Tuesday, January 09, 2007 11:24 AM
To: Arrant, Bryan, EMNRD
Subject: Ard #1



ArdPropWBD.pdf
(101 KB)

Bryan:

Here is the wellbore diagram for the well we plan on working over. We plan to run a new CBL over the "proposed Perfs" and test them one at a time. Before that we want to plug back the well by placing a CIBP.

My thoughts were that we need a CIBP above the DV tool and the nearest formation top is the Glorieta at 2575'.

Please advise

Thanks
Phelps

505 622 1001
pwiv@zianet.com

Arrant, Bryan, EMNRD writes:

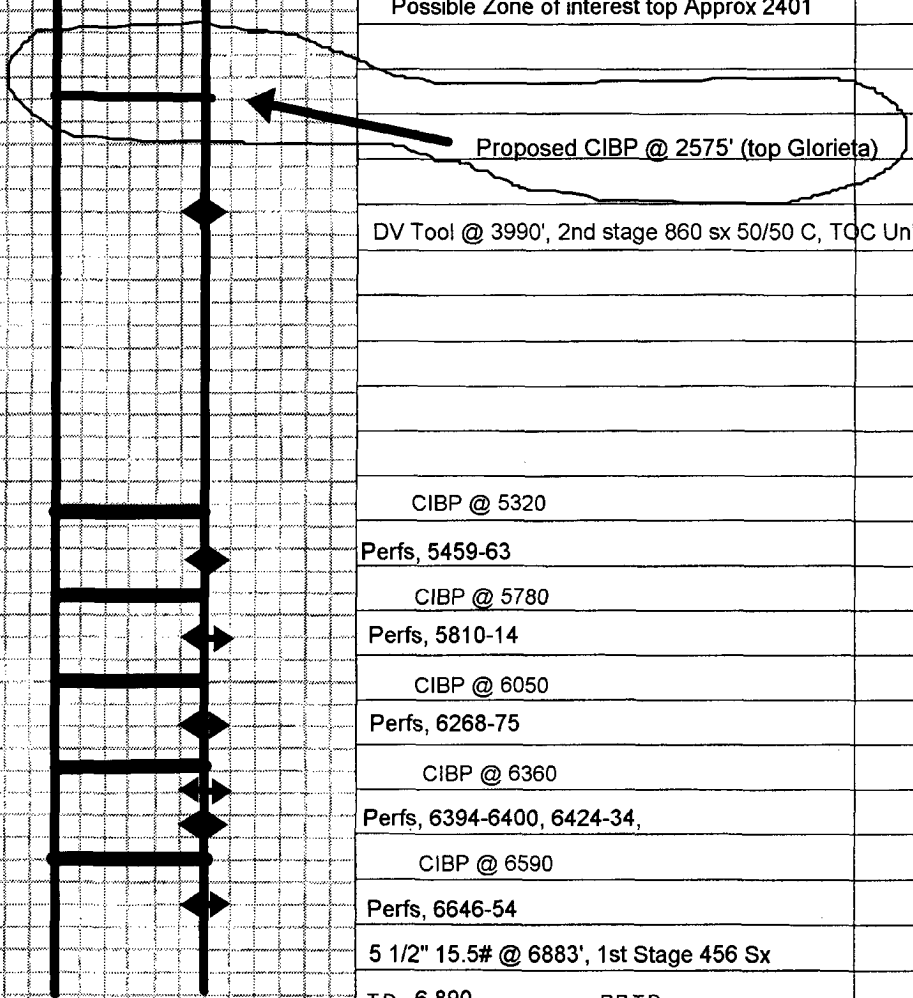
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PRIMERO
OPERATING, INC.
PRIMERO OPERATING, INC.
POST OFFICE BOX 1433
ROSWELL, NEW MEXICO 88202

COMPANY		PREPARED FOR		TELEPHONE		DATE 1/8/07	
WELL NAME Ard State #1		FIELD NAME		COUNTY Chaves		STATE NM	
CASING	SIZE	WEIGHT	GRADE	THREAD		DEPTH	
LINER	SIZE	WEIGHT	GRADE	THREAD		DEPTH	
TUBING	SIZE	WEIGHT	GRADE	THREAD		DEPTH	
DESCRIPTION				I.D.	O.D.	LENGTH	DEPTH
13 3/8" 54.5# @ 813', 540 sx Circulated							
Proposed Perforations 2152-68, 2173-76							
Proposed Perforations 2342-2352, 2356-2360							
Possible Zone of interest top Approx 2401							
Proposed CIBP @ 2575' (top Glorieta)							
DV Tool @ 3990', 2nd stage 860 sx 50/50 C, TOC Unk							
CIBP @ 5320							
Perfs, 5459-63							
CIBP @ 5780						Formation	Top
Perfs, 5810-14						San Andres	1370
CIBP @ 6050						Glorieta	2575
Perfs, 6268-75						Abo	4758
CIBP @ 6360						Wolfcamp	5428
Perfs, 6394-6400, 6424-34,						Cisco	6016
CIBP @ 6590							
Perfs, 6646-54							
5 1/2" 15.5# @ 6883', 1st Stage 456 Sx							
T.D. 6,890 P.B.T.D.							
PREPARED BY Phelps			OFFICE 505 622 1001			FAX	



PLUGGED

JULIAN ARD
ACME #1
1980' FSL & 660' FEL
SECTION 4-T8S-R27E
CHAVES COUNTY, NEW MEXICO
LEASE No.: L-978
API NO.: 30-005-61891
SPUD DATE: 12/13/82

13 3/8" @ 813'
840 SX., CIRC.

T. SAN ANDRES @ 1370'

T. GLORIETTA @ 2575'

HOLE IN TUBING AND CASING @ 2300-2500'
TOC @ +/- 2600'

P/A PROCEDURE

- 1 CUT TUBING OFF AT TOP OF PACKER +/-6180', P.O.H. W/ TUBING
- 2 SET CIBP @ 6175' AND CAP WITH 35' OF CEMENT.
- 3 LOAD CASING WITH 9.0 LB/GAL MUD 6140'-2600'
- 4 TIE ONTO CASING AND ESTABLISH CIRCULATION AROUND ANNULUS THROUGH HOLE @ 2300-2500'
- 5 PUMP 800 SX OF 50/50 POZMIX "C" CEMENT AND LEAVE CASING AND ANNULUS FILLED WITH CEMENT
- 6 CUT OFF WELL HEAD AND INSTALL DRY HOLE MARKER
- 7 CLEAN LOCATION, RIP AND RESEED LOCATION

T. ABO @ 4758'

T. CISCO @ 6016'

T. SILURIAN @ 6398'

T. MONTOYA @ 6590'

T. GRANITE WASH @ 6813'

CIBP @ 6175', W/ 35' OF CEMENT

5 1/2" ARROW C-5 PACKER @ 6200' W/ 10-11,000# TENSION

ATOKA 6268-75', 3000 GALS. ACID (TESTED 141 MCFGD)

CIBP @ 6360'

SILURIAN 6394-6400, 6424-34', 1000 GALS. ACID (TESTED 2 MCFGD + WATER)

CIBP @ 6590'

MONTOYA 6646-54, 500 GALS ACID (TESTED 487 MCFG + 400 BWPD)

5 1/2" @ 6883'
1425 SX.