

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCO, INC.

3a. Address

P.O. BOX 2197 DU 3084HOUSTONTX77252

3b. Phone No. (include area code)

(281)293-1005

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

G, Sec.15 T27N R3W
1540' FNL & 1610' FEL

5. Lease Serial No.

CONT 90

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Chris #1

9. API Well No.

30-039-21290

10. Field and Pool, or Exploratory Area

BLANCO MESAVERDE / GAVILAN P.

11. County or Parish, State

Rio Arriba
New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>DHC</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Conoco requests to recompleate this well and downhole commingle as per the attached.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DEBORAH MARBERRY

Title

REGULATORY ANALYST

Signature

Date

05/15/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Patricia M. Hester

Title

Lands and Mineral Resources
Office

Date

MAY 26 2002

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Chris 1
Pictured Cliffs Recompletion
API 30-039-21290
27N-3W-15-G
Lat: 36°34'34.93" Long: 108°52'19.13

Objective: The objective of this project is to fracture stimulate the Pictured Cliffs formation, clean out to PBTD, DHC Mesa Verde and Pictured Cliffs formations and restore the well to plunger lift operations. Current production rate from the Mesa Verde is approximately 75 MCFD and has remaining reserves of 350 MMCFG. An initial rate of 50 MCFD is expected from completion of the Pictured Cliffs interval.

Well Information: Spud Date: 12/10/76 TD: 6209' PBTD: 6150'

Casing: 8 5/8"; 24.0 lb/ft; 7 joints K-55 set at 220'
8.0971D"; Drift diameter – 7.972"
Capacity – 0.0636 bbls/ft (2.6749 gal/ft)
Cement circulated to surface

5 1/2"; 15.50 lb/ft; 147 joints K-55; set at 6206'
4.950" ID; Drift diameter – 4.825"
Capacity - 0.0238 bbls/ft (0.9997 gal/ft)

Stage 1-300 sxs; 475 cu ft.
DV Tool at 4227'
Stage 2- 425 sxs; 906 cu ft.; TOC unknown
Cement plug – 6150'-6206'

Current Tubing: 2 3/8"; 4.70 lb/ft; 192 joints J-55 set at 6005'
1.995" ID; Drift diameter – 1.901"
Capacity - .00387 bbls/ft (0.1624 gals/ft)

Current Perforations: Mesa Verde – 5628'-6096'

Proposed Perforations: Pictured Cliffs – 3748'-3761' 3767'-3772'
3775'-3786' 3802'-3814'

Procedure:

1. Conduct pre-job safety meeting. Inform all crew members and personnel on location of all potential hazards and review daily procedures. Work safely! **Make sure visitors and new crew members receive safety briefing upon arrival to location, have proper PPE, and have been informed of all potential safety hazards associated with daily work.**
2. Prepare location for work. Test deadmen anchor.
3. Move in and rig up pulling unit.
4. Kill well with minimum 1% KCL water. All kill water used should be clean and treated with biocide.
5. Nipple down wellhead. Nipple up and test BOP.
6. Add 7 joints of tubing and tag for fill.
7. POOH with 2 3/8" tubing, standing back.
8. RU wireline with CIBP for 5 1/2" casing.
9. Set CIBP at +/- 4727' (500' below DV tool). POOH with wireline.
10. RIH with logging tool and run GR/CBL/CCL from 4727'-2800'. Fax log to Houston.
11. RIH with second CIBP and set at 3864' (50' below proposed PC perms).

12. Pressure test casing to 3000# (verify with maximum pressure to be seen during frac.)

**If good cement bond is found and casing tested, proceed with step 13.
If cement job is poor or if casing doesn't test, proceed with step 25.**

13. RIH with wireline and perforate Pictured Cliffs formation as per recommendation. **Correlate CBL to open hole Compensated Density Log run by Go International on 12/27/76.**
14. Have surface equipment available for flowback.
15. Rig up frac unit and fracture stimulate as per recommendation.
16. Rig down frac unit.
17. Flowback the well to clean up frac fluid.
18. RIH with 2 3/8" tubing and mill. Land at 3780' and obtain an initial flow test of PC interval.
19. Drill out CIBP at 3864' and 4727'.
20. If fill is present, clean out to PBTD (PBTD at 6150' and bottom perf at 6096'). POOH and lay down mill.
21. RIH with 2 3/8" production string and seating nipple. Drift tubing as running in hole to insure of no crimped connections. Land at approximately 6005'.
**Torque requirements for 2 3/8" 4.7lb/ft; J-55 external upset tubing:
(confirm tubing type)**
Min: 970 ft-lb Opt: 1290 ft-lb Max: 1610 ft-lb
22. Make a plunger run before rigging down to ensure plunger surfaces.
23. Nipple down BOP and nipple up wellhead.
24. Connect to sales and swab in well.

If good cement bond was not found in step 12 and/or casing did not test, proceed with step 25.

25. RIH with 2 3/8" tubing and packer and begin pressure testing the casing from CIBP at 3864' to surface to isolate leaks.
26. If leak is found, notify engineer/Houston for cementing recommendations.
27. Set packer above the CIBP and squeeze leak as per recommendation.
Notify the state 24 hours prior to cementing.
28. POOH and WOC.
29. RIH with mill and drill out cement. Pressure test casing to 500#.
30. RIH with wireline and perforate Pictured Cliffs formation as per recommendation. **Correlate CBL to open hole Compensated Density Log run by Go International on 12/27/76.**
31. Have surface equipment available for flowback.
32. Rig up frac unit and fracture stimulate as per recommendation. (A treating string and packer will be used during stimulation)
33. Rig down frac unit.
34. Flowback the well to clean up frac fluid.
35. Release treating packer and POOH with frac string.
36. RIH with 2 3/8" tubing and mill. Land at 3780' and obtain an initial flow test of the PC interval.
37. Drill out CIBP at 3864' and 4727'.
38. If fill is present, clean out to PBTD (PBTD at 6150' and bottom perf at 6096'). POOH and lay down mill.
39. RIH with 2 3/8" production string and seating nipple. Drift tubing as running in hole to insure of no crimped connections. Land at approximately 6005'.
**Torque requirements for 2 3/8" 4.7lb/ft; J-55 external upset tubing:
(confirm tubing type)**

Min: 970 ft-lb Opt: 1290 ft-lb Max: 1610 ft-lb

40. Make a plunger run before rigging down to ensure plunger surfaces.
41. Nipple down BOP and nipple up wellhead.
42. Connect to sales and swab in well. Notify MSO of status change and to resume production.

Prepared by Jennye Pusch
April 29, 2002

District I

1625 N. French Dr., Hobbs, NM 87240

District II

811 South First, Artesia, NM 87210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

WELL API NO.	30-039-21290
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unti Agreement Name	Chris
8. Well No.	1
9. Pool name or Wildcat	BLANCO MESAVERDE / GAVILAN P.C.

4. Well Location

Unit Letter G : 1540' feet from the north line and 1610 feet from the east line

Section 15 Township 27N Range 3W NMPM County Rio Arriba

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
7015 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
OTHER: DHC <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work). SEE RULE 1103. For Multiple Completions: Attach diagram of proposed completion or recompletion.

In reference to Order #R-11363 Conoco proposes to downhole commingle in the Blanco Mesaverde and Gavilan Pictured Cliffs.

Perforations are:

Blanco Mesaverde 5628 - 6096

Gavilan Pictured Cliffs 3748 - 3814

Allocation will be by subtraction (see attached)

Commingling in this well will not reduce the value of the remaining production.

BLM has been notified of our intent.

Interest owners are identical in all pools.

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

SIGNATURE

Deborah Marberry

TITLE REGULATORY ANALYST

DATE 05/15/2002

Type or print name DEBORAH MARBERRY

Telephone No. (281)293-1005

(This space for State use)

APPROVED BY _____ TITLE _____

DATE _____

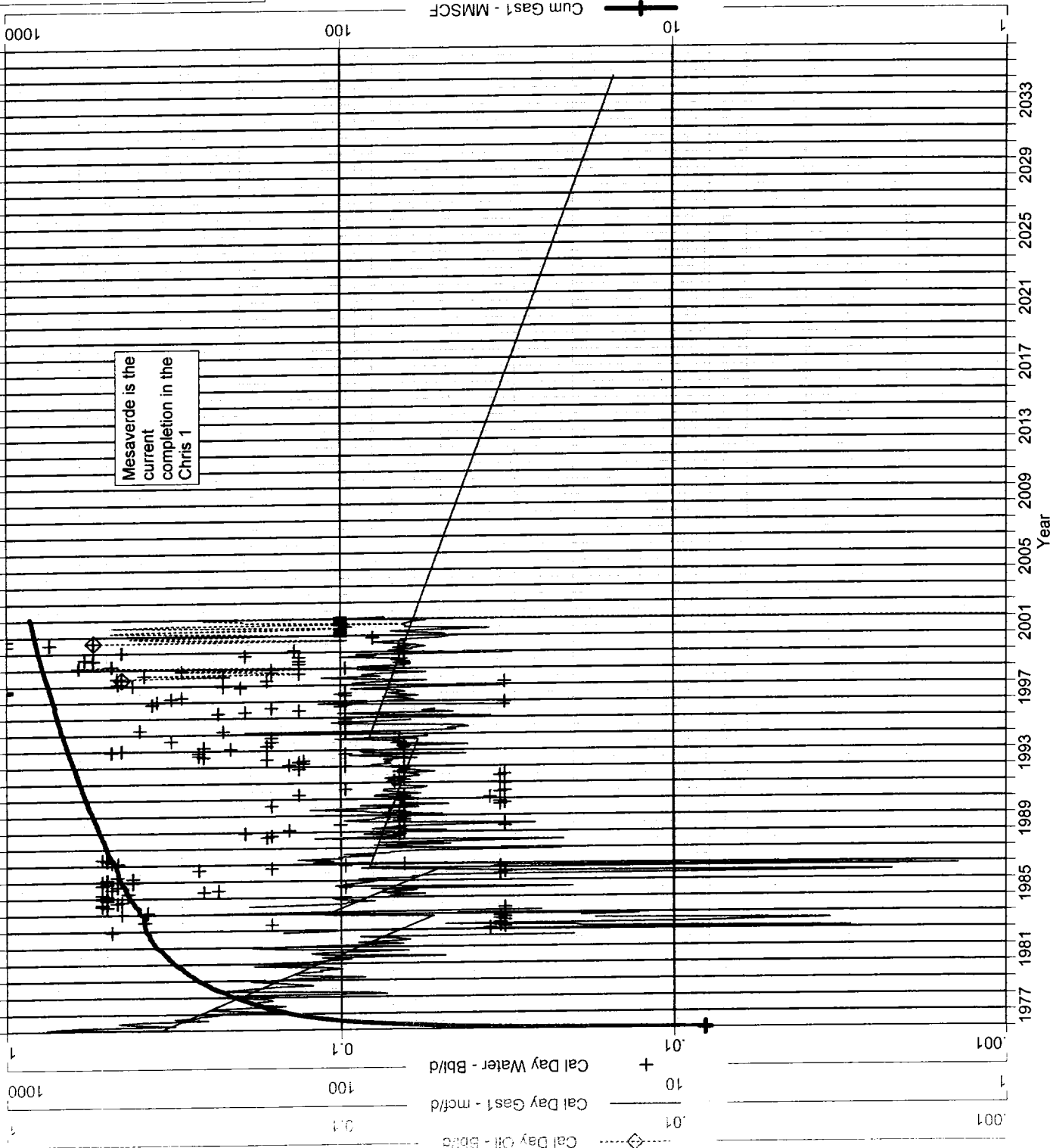
Conditions of approval, if any:

CHRIS - 1_MV (1885669) Data: Jan. 1977-Feb. 2002

Operator: CONOCO INC
Field: BLANCO (MESASVERDE) MV
Zone: MESASVERDE
Type: Other
Group: Well: South Area Wells

Cal Day Gas FC 1 (Rate-Time)
qi: 352.601 mcf/d, Jan, 1977
qf: 15.0016 mcf/d, Mar, 2035
di(Exp): 24.1572 CTD: 847.167 MMSCF
RR: 391.476 MMSCF Tot: 1238.64 MMSCF

Production Cums
Oil: 0.2507 MSTB
Gas: 847.167 MMSCF
Water: 1.2688 MSTB
Cond: 3.139 MSTB



---◇--- Cal Day Oil - Bbl/d
Cum: 0.2507 MSTB
--- Cal Day Gas1 - mcf/d
Cum: 847.167 MMSCF
---○--- Cal Day Gas FC 1 - mcf/d
versus time
Qi: 352.601 mcf/d, Jan, 1977
Qf: 15.0016 mcf/d, Mar, 2035
Di:(Exponential) : 24.1572
RR: 391.476 MMSCF
EUR: 1238.64 MMSCF
Corr coeff: N/A
+ Cal Day Water - Bbl/d
Cum: 1.2688 MSTB
---+--- Cum Gas1 - MMSCF
Cum: 0

Well Time Graph Report

Chris 1 Mesaverde Production - Avg. per year				
Year	Gas Rate Mcfpd	Oil Rate Bopd	Water Rate Bwpd	
2002	59.2	0.26	0.107	
2003	56.8	0.25	0.102	
2004	54.4	0.24	0.098	
2005	52.2	0.23	0.094	
2006	50.0	0.22	0.090	
2007	48.0	0.21	0.086	
2008	46.0	0.20	0.083	
2009	44.1	0.19	0.079	
2010	42.3	0.18	0.076	
2011	40.6	0.18	0.073	
2012	38.9	0.17	0.070	
2013	37.3	0.16	0.067	
2014	35.8	0.16	0.064	
2015	34.3	0.15	0.062	
2016	32.9	0.14	0.059	
2017	31.5	0.14	0.057	
2018	30.2	0.13	0.054	
2019	29.0	0.13	0.052	
2020	27.8	0.12	0.050	
2021	26.6	0.12	0.048	
2022	25.5	0.11	0.046	
2023	24.5	0.11	0.044	
2024	23.5	0.10	0.042	
2025	22.5	0.10	0.041	
2026	21.6	0.09	0.039	
2027	20.7	0.09	0.037	
2028	19.9	0.09	0.036	
2029	19.0	0.08	0.034	
2030	18.3	0.08	0.033	
2031	17.5	0.08	0.032	
2032	16.8	0.07	0.030	
2033	16.1	0.07	0.029	
2034	15.0	0.00	0.027	

Chris 1 PC - Rate Prediction				
	Gas Rate Mcfpd	Oil Rate Bopd	Water Rate Bwpd	
2002	48.39	0	0	
2003	46.34	0	0	
2004	42.77	0	0	
2005	39.47	0	0	
2006	36.43	0	0	
2007	33.62	0	0	
2008	31.03	0	0	
2009	28.64	0	0	
2010	26.43	0	0	
2011	24.39	0	0	
2012	22.51	0	0	
2013	20.77	0	0	
2014	19.17	0	0	
2015	17.69	0	0	
2016	16.33	0	0	
2017	15.07	0	0	
2018	13.91	0	0	
2019	12.84	0	0	
2020	11.84	0	0	
2021	10.93	0	0	
2022				
2023				
2024				
2025				
2026				
2027				
2028				
2029				
2030				
2031				
2032				
2033				
2034				

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State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-21290		2 Pool Code 77360		3 Pool Name GAVILAN PICTURED CLIFFS	
4 Property Code CONT 9		5 Property Name CHRIS			6 Well Number 1
7 OGRID No. 005073		8 Operator Name CONOCO, INC.			9 Elevation 7015 GR

10 Surface Location

UL or lot no. G.	Section 15	Township 27N	Range 3W	Lot Idn	Feet from the 1540'	North/South line north	Feet from the 1610	East/West line east	County Rio Arriba
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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 320	13 Joint or Infill	14 Consolidation Code		15 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

<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><i>Deborah Marberry</i> Signature</p> <p>DEBORAH MARBERRY Printed Name</p> <p>REGULATORY ANALYST Title</p> <p>05/03/2002 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>Date of Survey Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>	

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-21290		2 Pool Code 72319		3 Pool Name BLANCO MESAVERDE	
4 Property Code CONT 9		5 Property Name CHRIS			6 Well Number 1
7 OGRID No. 005073		8 Operator Name CONOCO, INC.			9 Elevation 7015 GR

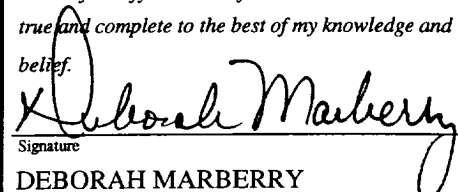
10 Surface Location

UL or lot no. G	Section 15	Township 27N	Range 3W	Lot Idn	Feet from the 1540'	North/South line north	Feet from the 1610	East/West line east	County Rio Arriba
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16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature DEBORAH MARBERRY Printed Name REGULATORY ANALYST Title 05/03/2002 Date
1540'					1610'