

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.
SF 078215B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Primo 189. API WELL NO.
30-045-2937410. FIELD AND POOL, OR WILDCAT
Blanco Mesaverde 7231911. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

F Sec. 6, T-31N, R-10W

12. COUNTY OR PARISH
San Juan13. STATE
NM14. NO. OF ACRES IN LEASE
307.57
W/2 - 32015. NO. OF ACRES ASSIGNED
TO THIS WELL16. ROTARY OR CABLE TOOLS
Rotary17. APPROX. DATE WORK WILL START*
6/1/9618. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit line, if any)19. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.20. ELEVATIONS (Show whether DF, RT, GR, etc.)
591421. APPROX. DATE WORK WILL START*
6/1/9622. APPROX. DATE WORK WILL START*
6/1/9623. APPROX. DATE WORK WILL START*
6/1/9624. APPROX. DATE WORK WILL START*
6/1/9625. APPROX. DATE WORK WILL START*
6/1/9626. APPROX. DATE WORK WILL START*
6/1/9627. APPROX. DATE WORK WILL START*
6/1/9628. APPROX. DATE WORK WILL START*
6/1/9629. APPROX. DATE WORK WILL START*
6/1/9630. APPROX. DATE WORK WILL START*
6/1/9631. APPROX. DATE WORK WILL START*
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6/1/9636. APPROX. DATE WORK WILL START*
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6/1/9638. APPROX. DATE WORK WILL START*
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6/1/9640. APPROX. DATE WORK WILL START*
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6/1/9642. APPROX. DATE WORK WILL START*
6/1/9643. APPROX. DATE WORK WILL START*
6/1/9644. APPROX. DATE WORK WILL START*
6/1/9645. APPROX. DATE WORK WILL START*
6/1/96

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	350 _{sc} circulated
8-3/4"	7"	23#	3003'	430 _{sc} circulated
6-1/4"	4-1/2"	10.5#	5342'	310 _{sc} to top of Fruitland

It is proposed to drill a vertical wellbore to be completed in the Blanco Mesaverde Pool. The well will be drilled and equipped according to the following attachments:

1. Well Location & Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline.
3. Cementing program.
4. Blowout preventer hookup.
5. Surface Use Plan with EXHIBITS A.1, A.2, B.1, B.2, & C
6. Pipeline specifications (EXHIBIT D).

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

A NOTICE-OF-STAKING has already been filed for this well.

This application includes ROW's for the well pad and pipeline.

Archeological surveys have been completed for well pad & pipeline (LAC REPORT 9610).

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED James M. Hoona TITLE Sr. Conservation Coordinator DATE 4/12/96
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approved 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.
CONDITIONS OF APPROVAL IF ANY:

APPROVED BY _____ TITLE _____ DATE _____

OIL CON. DIV. *See Instructions On Reverse Side
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or office of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.
APPROVED AS AMENDED
MAY 20 1996
DISTRICT MANAGER
NMOC

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-10
Revised February 21, 199
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-29374	¹ Pool Code 72319	¹ Pool Name BLANCO MESA VERDE
¹ Property Code 003232	¹ Property Name PRIMO	¹ Well Number 1 B
¹ OGRID No. 005073	¹ Operator Name CONOCO	¹ Elevation 5914'

¹⁰ Surface Location

UL or lot no. F	Section 6	Township 31 N	Range 10 W	Lot Idn 11	Feet from the 1571	North/South line North	Feet from the 1779	East/West line West	County S.J.
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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
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¹² Dedicated Acres 320.30757	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 1210.44'	1324.62'	2648.58'	<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>Jerry W. Hoover</i> Signature JERRY W. HOOVER Printed Name Sr. Conservation Coord. Title 4/11/96 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>3-29-96 Date of Survey Signature and Seal of Professional Surveyor <i>Nere C. Edwards</i> NERE C. EDWARDS 8857 6857 Certificate Number</p>
9 1A ⁰	8 1571'	2 1	
10 1779'	11 18		
6 1309.44'	12 1309.44'	7 1302.84'	
2618.88'	1331.88'	2674.98'	

PROPOSED WELL PLAN OUTLINE

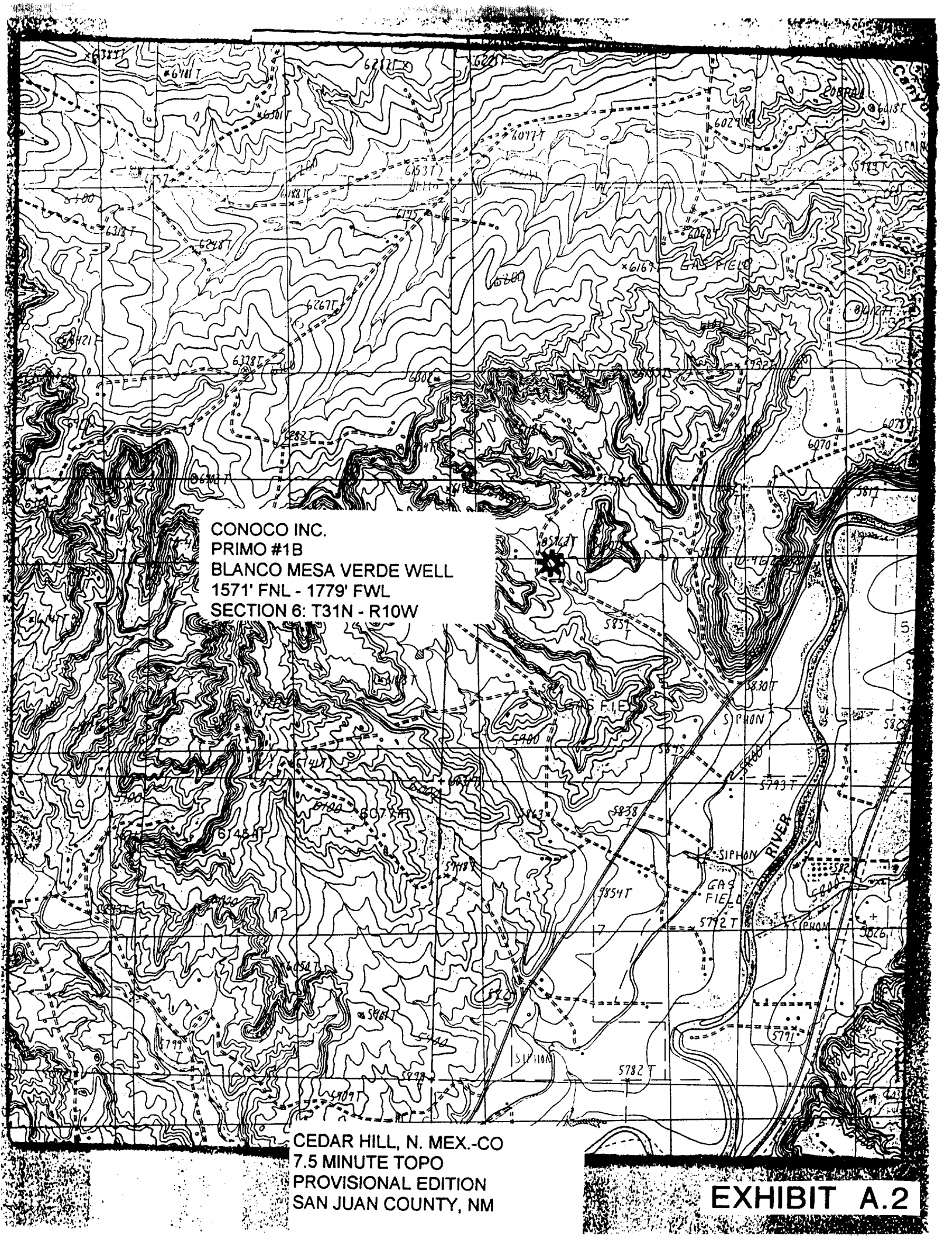
WELL NAME
LOCATION

PRIMO 1B
1571' FNL & 1779' FWL, SEC. 6, T-31N, R-10W, SAN JUAN CO.

TVD IN 1000'	MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE	DEPTH	FRAC GRAD	FORMATION PRESSURE GRADIENT	MUD WT	MUD TYPE	DAY
0					12-1/4"	9-5/8" 36#, K-55, ST&C 350 sx, circ cmt	200'		NORMAL	8.4 - 9.5	FRESH	1
1		OJO ALAMO 899' KIRKLAND 1071'			8-3/4"					10	FW-GEL	
2		FRUITLAND 2175'	POSSIBLE SEVERE LOSSES IN FRUITLAND AND PICTURED CLIFFS	MUDLOGGERS ON @ 2000'								
3		PICTURED CLIFFS 2682' LEWIS 2853'		INT. CSG SET APPROX. 150' INTO LEWIS SHALE		7" 23#, K-55, LT&C SPECIAL DRIFT 430 sx, circ cmt	3003'		8.4 - 9.5			4
4		CHACRA D 3407' CHACRA C 3582' CHACRA B 3812' CHACRA A 3899'	POSSIBLE HIGH GAS VOLUMES POSSIBLE FROM CHACRA D TO TD @ PRIMO 1A = 10MMCFD		6-1/4"						AIR-MIST	
5		UPR CLIFFHOUSE 4177' MASSIVE CLFH 4461' MENELEE 4552' MASSIVE PTLK 4883' LWR PT LOOKOUT 4992'		GR-CAL-LDT-CNL-PE from TD - Int Csg bring GR-CAL-CNL to surf PROD. CSG SET APPROX. 350' INTO LWR PT LOOKOUT		4-1/2" 10.5#, K-55, LT&C 310 sx, bring cmt to top of Fruitland	5342'		BHP = 500 psi			7
6		TD @ 5342'										
7												
8												

DATE 12 APRIL 1996

APPROVED Billy Goodwin
DRILLING ENGINEER

A detailed topographic map of Cedar Hill, New Mexico, showing contour lines, a grid, and various geographical features. The map includes labels for 'GAS FIELD', 'SIPHON', and 'RIVER'. A specific well location is marked with a star and labeled 'CONOCO INC. PRIMO #1B'.

CONOCO INC.
PRIMO #1B
BLANCO MESA VERDE WELL
1571' FNL - 1779' FWL
SECTION 6: T31N - R10W

CEDAR HILL, N. MEX.-CO
7.5 MINUTE TOPO
PROVISIONAL EDITION
SAN JUAN COUNTY, NM

EXHIBIT A.2