District I
PO Box 1980, Hobbs, NM 88241-1980
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-101
Revised February 21, 1994
Instructions on back
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

1 Operator Name and Address.	2 OGRID Number
CONOCO INC. 10 DESTA DRIVE STE 100W MIDLAND, TEXAS 79705	005073
	3 API Number 30 - 045-29366

4 Property Code	5 Property Name	6 Well No.
003273	State Com M	9R

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
B	36	32N	11W		897	NOrth	1783	East	San Juan

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	10 Proposed Pool 2
Blanco Mesaverde 72319 E/320	

11 Work Type Code	12 Well Type Code	13 Cable/Rotary	14 Lease Type Code	15 Ground Level Elevation
N	G	R	S	6184'
16 Multiple	**17 Proposed Depth**	**18 Formation**	**19 Contractor**	**20 Spud Date**
No	5664'	Mesaverde	NA	5/1/96

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	36#	200'	350	circulated
8-3/4"	7"	23#	3298'	465	circulated
6-1/2"	4-1/2"	10.5#	5664'	315	top of Fruitld

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.

It is proposed to drill this well vertically to complete in the Blanco Mesaverde Pool according to the plan outlined in the following attachments:

1. Well Location & Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline
3. Cementing Program
4. BOP & Choke Manifold Specifications
5. Well location map

RECEIVED
APR 17 [illegible]
OIL CON. DIV.
DIST. 3

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

Signature: Jerry W. Hoover

Printed name: Jerry W. Hoover

Title: Sr. Conservation Coordinator

Date: 4/12/96 Phone: (915) 686-6548

OIL CONSERVATION DIVISION

Approved by: Denise Busch 4-17-96

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date: APR 17 1996 Expiration Date: APR 17 19[illegible]

Conditions of Approval:
Attached ☐

District I
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State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised February 21, 1994
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	[2] Pool Code	[3] Pool Name
30-045-29366	72319	BLANCO MESA VERDE

[4] Property Code	[5] Property Name	[6] Well Number
003273	State Com M	9 R

[7] OGRID No.	[8] Operator Name	[9] Elevation
005073	CONOCO	6184'

[10] Surface Location

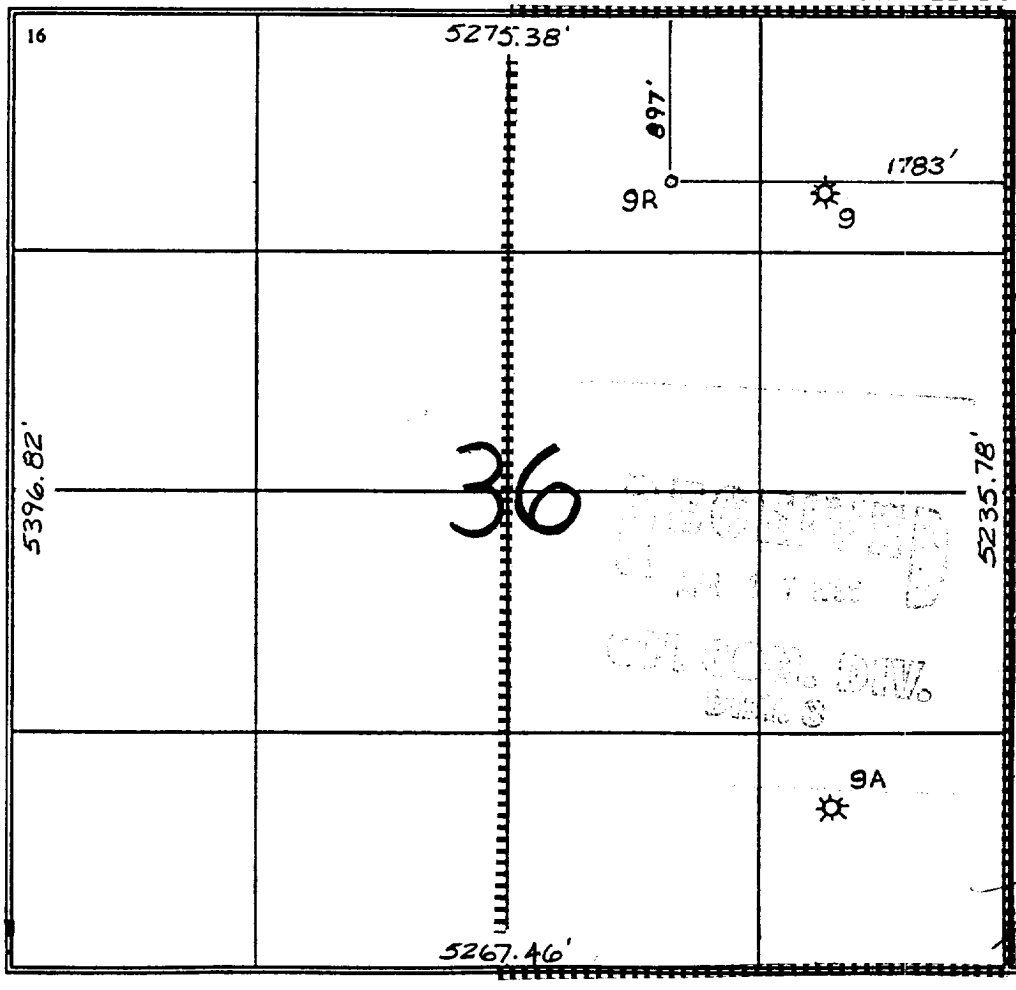
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	36	32 N	11 W		897	North	1783	East	S.J.

[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	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
E/320			

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



[17] OPERATOR CERTIFICATION

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

Signature: Jerry W Hoover

Printed Name: JERRY W HOOVER

Title: Sr. Conservation Coord.

Date: 4/11/96

[18] SURVEYOR CERTIFICATION

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.

Date of Survey: 3-29-96

Signature and Seal of Professional Surveyor:

NEAL C. EDWARDS
NEW MEXICO
6857
REGISTERED LAND SURVEYOR

Certificate Number: 6857

PROPOSED WELL PLAN OUTLINE

WELL NAME **STATE COM M 9R**

LOCATION **897' FNL & 1783' FEL, SEC. 36, T-32N, R-11W, SAN JUAN CO.**

TVD IN 1000'	MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE	CASING 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 1252'										
		KIRKLAND 1392'			8-3/4"					**10**	FW-GEL	
2				MUDLOGGERS ON @ 2000'								
		FRUITLAND 2495'	POSSIBLE SEVERE LOSSES IN FRUITLAND AND PICTURED CLIFFS									
		PICTURED CLIFFS 2977'										
3		LEWIS 3148'		INT. CSG SET APPROX. 150' INTO LEWIS SHALE		**7"** 23#, K-55, LT&C SPECIAL DRIFT 465 sx, circ cmt	**3298'**		8.4 - 9.5			**4**
		CHACRA D 3692'	POSSIBLE HIGH GAS VOLUMES POSSIBLE FROM CHACRA D TO TD @ PRIMO 1A = 10MMCFD									
		CHACRA C 3899'										
4		CHACRA B 4077'										
		CHACRA A 4187'										
		UPR CLIFFHOUSE 4482'			6-1/4"						AIR-MIST	
		MASSIVE CLFH 4788'										
		MENEFEE 4870'										
5		MASSIVE PTLK 5230'		GR-CAL-LDT-CNL-PE-IND-TEMP from TD - Int Csg bring GR-CNL to surf								
		LWR PT LOOKOUT 5314'										
		TD @ 5664'		PROD. CSG SET APPROX. 350' INTO LWR PT LOOKOUT		**4-1/2"** 10.5#, K-55, LT&C 315 sx, bring cmt to top of Fruitland	**5664'**		BHP = 500 psi			**7**
6												
7												
8												

DATE 12 APRIL 1996

APPROVED Billy Goodwin
DRILLING ENGINEER

Well Name: STATE COM M 9R

CEMENTING PROGRAM

Surface Casing String:

LEAD 350 sxs Class B Mixed at 15.6 ppg
Additives 2.0% CaCl2 + 0.25 PPS CELLOFLAKE

TAIL _____ sxs Class _____ Mixed at _____ ppg
Additives _____

Intermediate Casing String:

1st Stage

LEAD 335 sxs Class B Mixed at 12.1 ppg
Additives 35:65 POZ + 2.0% CaCl2 + 0.25 PPS CELLOFLAKE + 8.0% GEL

TAIL 130 sxs Class B Mixed at 15.6 ppg
Additives 2.0% CaCl2 + 0.25 PPS CELLOFLAKE
Percent free water 0% Water Loss 850 cc

2nd Stage

LEAD _____ sxs Class _____ Mixed at _____ ppg
Additives _____

TAIL _____ sxs Class _____ Mixed at _____ ppg
Additives _____
Percent free water _____ Water Loss _____ cc

Production Casing String:

1st Stage

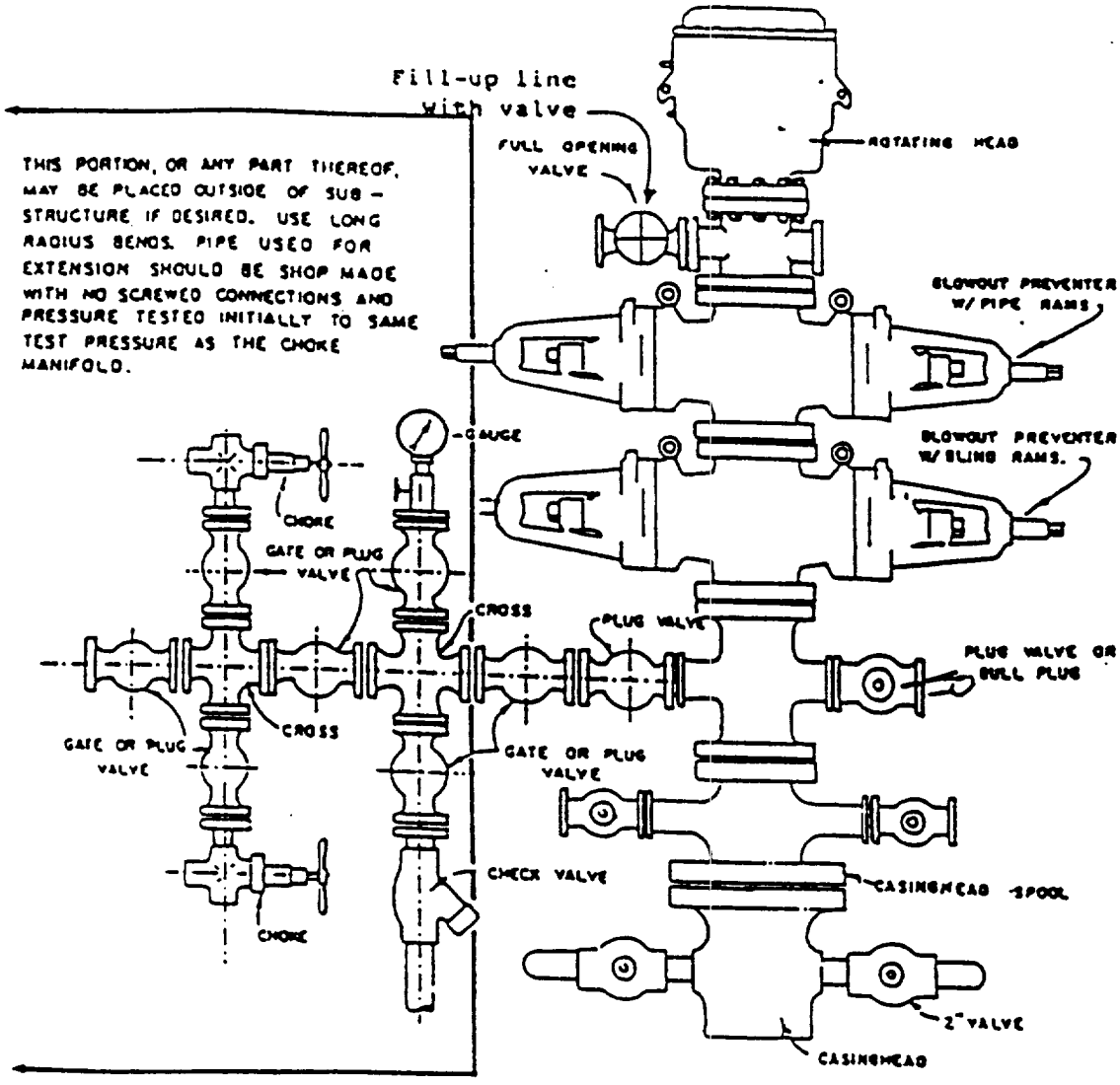
LEAD 165 sxs Class B Mixed at 13.4 ppg
Additives 50:50 POZ + 4.0% GEL + 6.25 PPS GILSONITE + 2.0% CaCl2 + 0.5% CF-14

TAIL 150 sxs Class B Mixed at 15.6 ppg
Additives 2.0% CaCl2 + 0.25 PPS CELLOFLAKE
Percent free water 0% Water Loss 850 cc

2nd Stage

LEAD _____ sxs Class _____ Mixed at _____ ppg
Additives _____

TAIL _____ sxs Class _____ Mixed at _____ ppg
Additives _____
Percent free water _____ Water Loss _____ cc



BLOWOUT PREVENTER HOOKUP

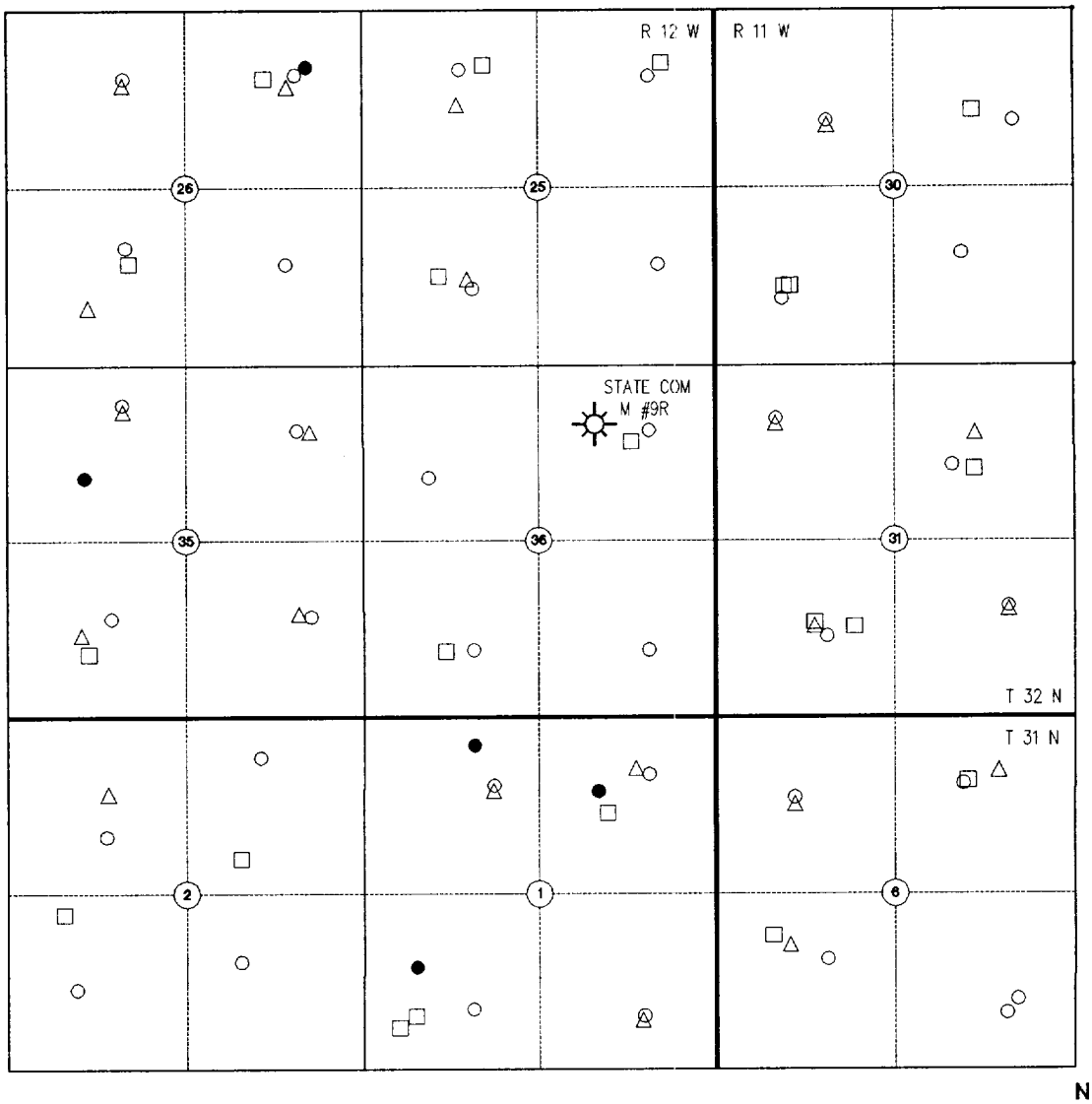
Drilling contractors used in the San Juan Basing supply 3000 psi equipment, but cannot provide annular preventors because of sub-structure limitations. Maximum anticipated surface pressures for this well will not exceed the working pressure of the proposed BOP system. Please see the attached BOP diagram details 2000 psi equipment according to Onshore Order No. 2 even though the equipment will test to 3000 psi. The 2000 psi system allows deletion of the annular preventor and fulfills your requirements (note diagram No. 1). In addition, the following equipment will comprise the 2000 psi system:

1. Two rams with one blind and one pipe ram.
2. Kill line (2 inch maximum).
3. One kill line valve.
4. One choke line valve.
5. Two chokes (reference diagram No. 1).
6. Upper kelly cock valve with handle.
7. Safety valve and subs to fit all drill strings in use.
8. Two-inch minimum choke line.
9. Pressure gauge on choke manifold.
10. Fill-up line above the upper most preventor.
11. Rotating head.

CONOCO STATE COM M #9R

BLANCO MESA VERDE FORMATION GAS WELL
EXISTING ADJACENT GAS WELLS WITHIN 1 MILE RADIUS

NE 1/4 SECTION 36, TOWNSHIP 32 NORTH, RANGE 11 WEST
SAN JUAN COUNTY, NEW MEXICO



LEGEND

- ○ BLANCO MESA VERDE FORMATION
- △ BLANCO PICTURED CLIFFS
- ● BASIN DAKOTA FORMATION
- □ BASIN FRUITLAND COAL FORMATION
- ☼ STATE COM M #9R

N

SCALE : NTS	REVISION:	DRAWN BY: D. BEMENDERFER	DATE DRAWN: 4/3/96	FILE NAME: A963CADJ

CLIENT conoco FARMINGTON, NEW MEXICO

PREPARED BY TRIGON ENGINEERING INC
DENVER COLORADO
FARMINGTON NEW MEXICO