Form 3160-3 (December 1990)

RECEIVED SUBMIT IN TREPLICATE (Other instructions on reverse side)

Form approved. Budget Bureau No. 1004-0136

#### UNITED STATES FTT OF DY 1. 10 5 (FIRE DESIGNATION OF THE INTERIOR

Expires: December 31, 1991

	DEPARTMENT	OF THE THE	PHOTO CO L	1 1 10	J. CLIEB BERGKITION	THE BERIAL NO.
	SF-078772					
APPLI	CATION FOR PE	AND MANAGEM			6. IF INDIAN, ALLOTTER	OR TRIBE NAME
I TIPE OF WORK	ILL 🗓	DEEPEN			7. UNIT AGREEMENT NA	KB
	AE X OTHER		EINGLE WOLTH	LK	8. ranoriese king was Rosa Unit #4	(009490)
2. HAME OF OPERATOR		OGRID	120782		9. AN WELLING.	11000
7415 E. Main  C. LOCATION OF WELL (R	c/o Walsh Engr Farmington, N.1	. & Prod. Con 4. 87402 n accordance with an	cp. (505) 327-	4892	10. PIELO AND FOOL, OI Blanco Mesa V	erde 72319
At proposed prod. son			rict*		Sec. 35, T32N	, R6W
	THE DIRECTION LEON HETER	ST TOWN OF POST OF			Rio Arriba	N.M.
	of Blanco, NM		NO. OF ACRES IN LEASE	1 17 No. 6	OF ACKER ASSIGNED	<u> </u>
10. DISTANCE FROM PROPE LOCATION TO NEARES PROPERTY OR LEARS I (Also to nearest dri	T . LINE FT.	1160	2561.86	TOT	AT OR CUBIC TOOLS	
18. DISTANCE FROM PROF. TO KEAREST WELL, D	ORED LOCATIONS RILLING, COMPLETED. THE LEARK, FT. This	800'	to technical and		Rotary	WILL START
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)proc	edural review pur	suant to 43 CFR 3165.3 to 43 CFR 3165.4.	,	May 199	
6312' GR	and	abbeat, butanaur			1 1147 233	
23	P	ROPOSED CASING	AND CEMENTING PROGRA	м		
SUI OF BOLE	ORADE, SIZE OF CASHO	WEIGHT PER FOOT	SETTING DEFTH		QUANTITI OF CEMEN	
12-1/4"	9-5/8", K-55	36.0	500		uft Cl "B" w/3%	
8-3/4"	7", K-55	20.0	3285 3185-6010		uft 65/35 Poz,	
6-1/4"	4-1/2", K-55	10.5	1	uft Cl "B" w/49 dditives	s ger a	
	'					

WILLIAMS PRODUCTION COMPANY proposes to drill a vertical well to develop the Mesa Verde formation at the above described site in accordance with the nothing ARE drilling and surface use programs. SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

Copies of the report This location has been archaeologically surveyed by CRMC. will be sumitted directly to your office.

This APD also is serving as an application to obtain BLM road and pipeline rightof-way. The well will be accessed by a new road approximately 700' long which crosses the NE/SW of Section 35 T32N, R6W where it connects with an existing road. The existing road crosses the NE/SW, NW/SE, and SE/SE of Section 35, the W/2 and N/2 NE/4 of Section 36, T32N, R6W, NW/NW of Section 31, W/2 W/2 and SE/SW of Section 32, T32N, R5W, NW/SE and NE/SE of Section 5, and SW/SW of Section 4, T31N, R5W where it crosses Blanco Wash and connects with the main Rosa Road. The Rosa Road continues

SW for 27 miles where it joins the Sims Mesa Highway.

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 deepen give data on present productive zone and proposed new productive zone. deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any

$\mathcal{P} / \mathcal{P} $	D CT	i jeman						
michin Taul C. This					13.0	TIT!		
(This space for Federal or Stat	· • नार्च	uer)		- i	! 9	300	1	
	UU	MA	Y 2	8	1998	i È		

2/20/96 APPROVED AS AMENDED

olds legal or equitable title to those rights in the exhipact leave which would entitle the

DISTRICT MANAGER

District I PO Box 1980, Hobbs, NM 88241-1986 District II PO Drawer DD, Artosia, NM 88211-0719 District III 1000 Ris Brazos Rd., Aztoc, NM 87410 District IV

PO Box 2008, 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-102
Revised February 21, 1994

AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>2</sup> Pool Code <sup>1</sup> Pool				
72319	BLANCO MESA VERDE			
1	' Well Number			
Ro	osa Unit	44		
1	Operator Name	Elevation		
Williams	Williams Production Co.			
	72319 Ro	72319 BLANCO MESA VERDE  'Property Name  Rosa Unit 'Operator Name		

#### <sup>10</sup> Surface Location

UL er lot no.	Section	Towaship	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
K	35	32 N	6 W		1750	South	1480	West	R.A.

## 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
11 Dedicated Acre	a loist	or lafill 14	Consolidatio	a Code U O	rder No.	<del></del>	<del></del>		<del>!</del>
320	N		U						

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

	NDARD UNIT HAS BEEN APPROVED BY	
16 2632.74	2657.82	17 OPERATOR CERTIFICATION
		I hereby certify that the information contained herein is
		true and complete to the best of my knowledge and belief
' <b>il</b>		
		Paul C. Thompson
-i <u> </u>		Signature
		Paul C. Thompson, Agent
		Printed Name President
		Walsh Engr. & Prod. Corp.
		2/20/96
28	_ · · · · · · · · · · · · · · · · · · ·	Date
	6	1.00
33	<b>P</b>	13SURVEYOR CERTIFICATION
\frac{1}{2}	DEAD 8	I hereby certify that the well location shown on this plat
	REGENTED "	was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and
	MAY O D AND	correct to the best of my belief.
	MAY 2 8 1996	11-13-95
<b>!</b>	On and	Date of Survey C. F.D.
	OIL CON DIV	Signature and that of Professional Supreyer.
· ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	DIST. 3	Date of Survey C. ED B. Signature and Survey C. To grow the survey of th
85	1	
		8857)
. [ ]		7 7 7
<b>i</b>		
2691.48	2696.76	Ceparicate Number
<u> </u>	1 2010.10	

# WILLIAMS PRODUCTION COMPANY OPERATIONS PLAN

DATE:

2/1/96

WELLNAME:

**ROSA UNIT #44** 

San Juan Co., NM

FIELD:

Blanco MV

LOCATION:

NE/4 SW/4 Sec. 35, T32N, R6W

SURFACE:

BLM

**ELEVATION**:

6312' GR

MINERALS:

Federal

TOTAL DEPTH:

6010'

LEASE #

SF-078772

I. GEOLOGY:

Surface formation - San Jose

#### A. FORMATION TOPS:

Ojo Alamo	2029	Cliff House	5044'
Kirtland	2144"	Menefee	5089'
Fruitland	2599"	Point Lookout	52941
Pictured Cliffs	2819'	Mancos	5449'
Lewis	3134'	Total Depth	6010'
201110			

- B. <u>LOGGING PROGRAM</u>: IND/GR, CDL/SNL. Log the Pictured Cliffs from TD to the Kirtland. Log the Mesa Verde from TD to 500' above the Cliff House.
- C. <u>NATURAL GAUGES</u>: Gauge any noticeable increases in gas flow. Record all gauges in Tour book and on morning reports.

#### II. DRILLING

- A. MUD PROGRAM: Clear water with benex to 7" casing point. LSND to log and run pipe.
- B. <u>BOP TESTING</u>: While drill pipe is in use, the pipe rams will be tested not less than once each day. The blind rams will be tested once each trip. The drum brakes will inspected and tested each tour. All tests and inspections will be recorded in the tour book as to time and results.

#### III. MATERIALS

#### A. CASING PROGRAM:

CASING TYPE	<b>HOLE SIZE</b>	<b>DEPTH</b>	<u>CASING SIZE</u>	<u>WT. &amp; GRADE</u>
Surface	12-1/4"	500'	9-5/8"	36# K-55
Intermediate	8-3/4"	3285'	7"	20# K-55
Prod. Liner	6-1/4"	3185'-6010'	4-1/2"	10.5# K-55
riod. Linci	U 1/ T			

## B. FLOAT EQUIPMENT:

- 1. SURFACE CASING: 9-5/8" notched regular pattern guide shoe.
- 2. INTERMEDIATE CASING: 7" cement nose guide shoe with a self-fill insert float. Place float one(1) joint above the shoe and five(5) centralizers, spaced every other joint, starting with the float collar. Place turbulent centralizers, at 120' intervals, starting at 2029' to the surface. Total centralizers = 5 regular and 19 turbulent.
- 3. <u>PRODUCTION CASING</u>: 4-1/2" whirler type cement nose guide shoe with a latch collar on top of 20' joint. Place 20' marker joint above 5044'.