

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.

NMSF-0078770

6. If Indian, Allottee or Tribe Name

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

Rosa Unit **NMNM-78407A MV**

8. Lease Name and Well No.

6C

9. API Well No.

**30-039-30181**

10. Field and Pool, or Exploratory

Blanco Mesaverde

11. Sec., T., R., M., or Blk. and Survey or Area

**M Section 27, 31N R.5W**

12. County or Parish

Rio Arriba

13. State

NM

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Williams Production Company, LLC

3a. Address

P.O. Box 640 Aztec, NM 87410

3b. Phone No. (include area code)

(505) 634-4208

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface 755' FSL & 880' FWL

At proposed prod. zone 1650' FSL 2310' FWL

14. Distance in miles and direction from nearest town or post office\*

approximately 32 miles northeast of Blanco, New Mexico

15. Distance from proposed\*

location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)

755'

16. No. of Acres in lease

2,560.00

17. Spacing Unit dedicated to this well

320.0 (S/2)

18. Distance from proposed location\*

to nearest well, drilling, completed,  
applied for, on this lease, ft.

50'

19. Proposed Depth

7,052'

20. BLM/BIA Bond No. on file

UT0847 899

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

6,782' GR

22. Approximate date work will start\*

April 1, 2007

23. Estimated duration

1 month

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the  
SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see  
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the  
authorized officer.

25. Signature

Title

Drilling COM

Approved by (Signature)

Title

Name (Printed/Typed)

Larry Higgins

Date

1-31-07

Name (Printed/Typed)

Office

Date

4/13/07

Application approval 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, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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)

Williams Exploration and Production Company, LLC, proposes to drill a well to develop the Blanco Mesaverde formation at the above described location in accordance with the attached drilling and surface use plans.

The surface is under jurisdiction of the Carson National Forest, Jicarilla Ranger District.

This location has been archaeologically surveyed La Plata Archaeological Consultants. Copies of their report have been submitted directly to the CNF/JRD.

No access road is needed, as this is a twinned location. A pipeline tie of 148.1 feet would be required for this location. Williams Field Services has filed a pipeline route plan for the associated pipeline. The pipeline would be owned and operated by Williams Field Services.

RCUD APR16'07

ON CONS. DIV.

DIST-3

HOLD G104 FOR directional survey/  
Bottomhole dev.

NOTIFY AZTEC OCD 24 HRS.  
PRIOR TO CASING & CEMENT

file new plat (revised dated 10/12/05)

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4

4/18/07

NMOCD

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

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-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

RECEIVED

APR 16 '07

OIL CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION

API Number <b>30-039-30181</b>	Pool Code 72319	Pool Name BLANCO MESAVERDE
Property Code 17033	Property Name ROSA UNIT	Well Number 6C
GRID No 120782	Operator Name WILLIAMS PRODUCTION COMPANY	Elevation 6782'

10 Surface Location


UL or lot no. M	Section 27	Township 31N	Range 5W	Lot Idn	Feet from the 755	North/South line SOUTH	Feet from the 880	East/West line WEST	County RIO ARriba
--------------------	---------------	-----------------	-------------	---------	----------------------	---------------------------	----------------------	------------------------	----------------------

11 Bottom Hole Location If Different From Surface

UL or lot no. K	Section 27	Township 31N	Range 5W	Lot Idn	Feet from the 1650	North/South line SOUTH	Feet from the 2310	East/West line WEST	County RIO ARriba
--------------------	---------------	-----------------	-------------	---------	-----------------------	---------------------------	-----------------------	------------------------	----------------------

Dedicated Acres 320.0 Acres - (S/2)	Joint or Infill	Consolidation Code	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

16	5278.68'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Larry Higgins</i> Signature <b>LARRY HIGGINS</b> Printed Name <b>DRILLING CORP</b> Title <b>1-31-07</b> Date
5280.00'	27 BOTTOM-HOLE LOCATION LAT: 36.86789°N LONG: 107.35075°W DATUM: NAD83 2310'	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: MAY 4, 2006 Signature and Seal of Professional Surveyor  <b>JASON C. EDWARDS</b> Certificate Number 15269
880'	1690.8' N57°36.9'E SURFACE LOCATION LAT: 36.86542°N LONG: 107.35564°W DATUM: NAD83 755'	LEASE SF-078770 5277.36'

Submit 3 Copies to Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-039-30181</b>	
5. Indicate Type of Lease FEDERAL <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. SF-078770	
7. Lease Name or Unit Agreement Name Rosa Unit	
8. Well Number	6C
9. OGRID Number	120782
Blanco Mesaverde	

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type reserve Depth to Groundwater >100' Distance from nearest fresh water well >1,000' Distance from nearest surface water >1,000'

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
Williams Production Company, LLC

3. Address of Operator  
P.O. Box 640 Aztec, NM 87410

4. Well Location

Unit Letter M: 755 feet from the south line and 880 feet from the west line

Section 27 Township 31N Range 5W NMPM County Rio Arriba

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6,782' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

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

Drilling/Completion pit to be located approximately 50 to 75 feet from well head. Pit multi-use drilling and completion to avoid additional site disturbance and pit will be considered out of service once production tubing set. Pit to be constructed, operated and closed in accordance with NMOCD guidelines and Williams procedures.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Larry Higgins TITLE \_\_\_\_\_ Drilling COM \_\_\_\_\_ DATE 1-31-07

Type or print name Larry Higgins E-mail address: larry.higgins@williams.com Telephone No. (505) 634-4208

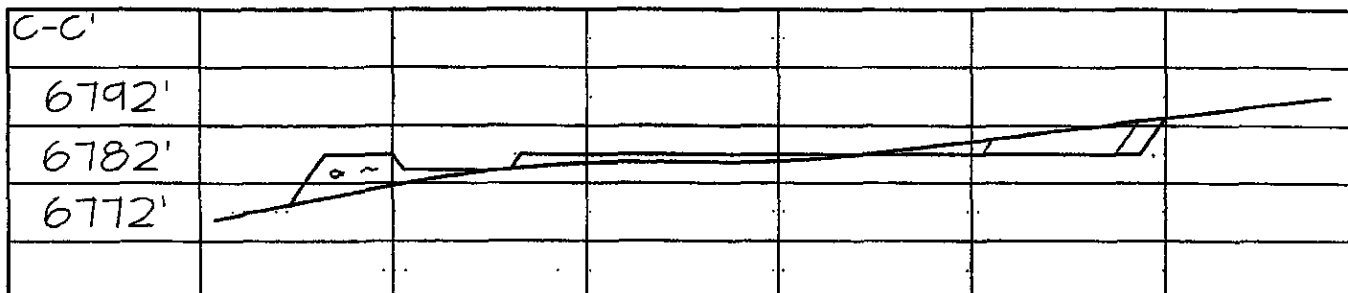
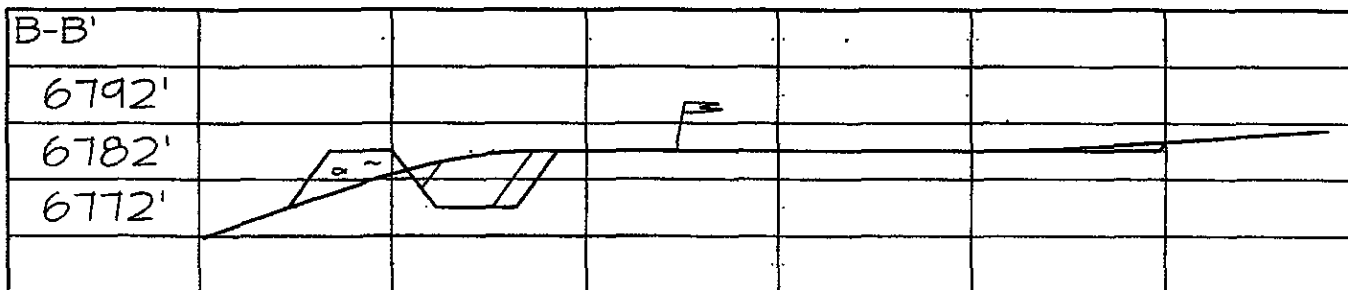
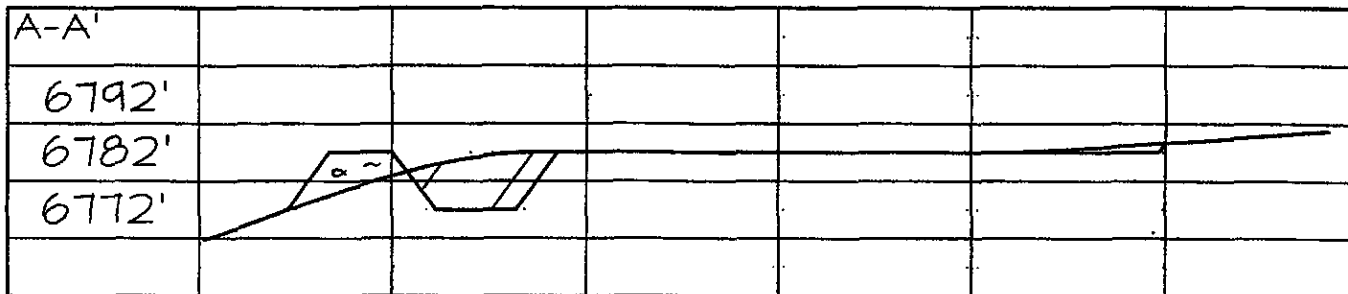
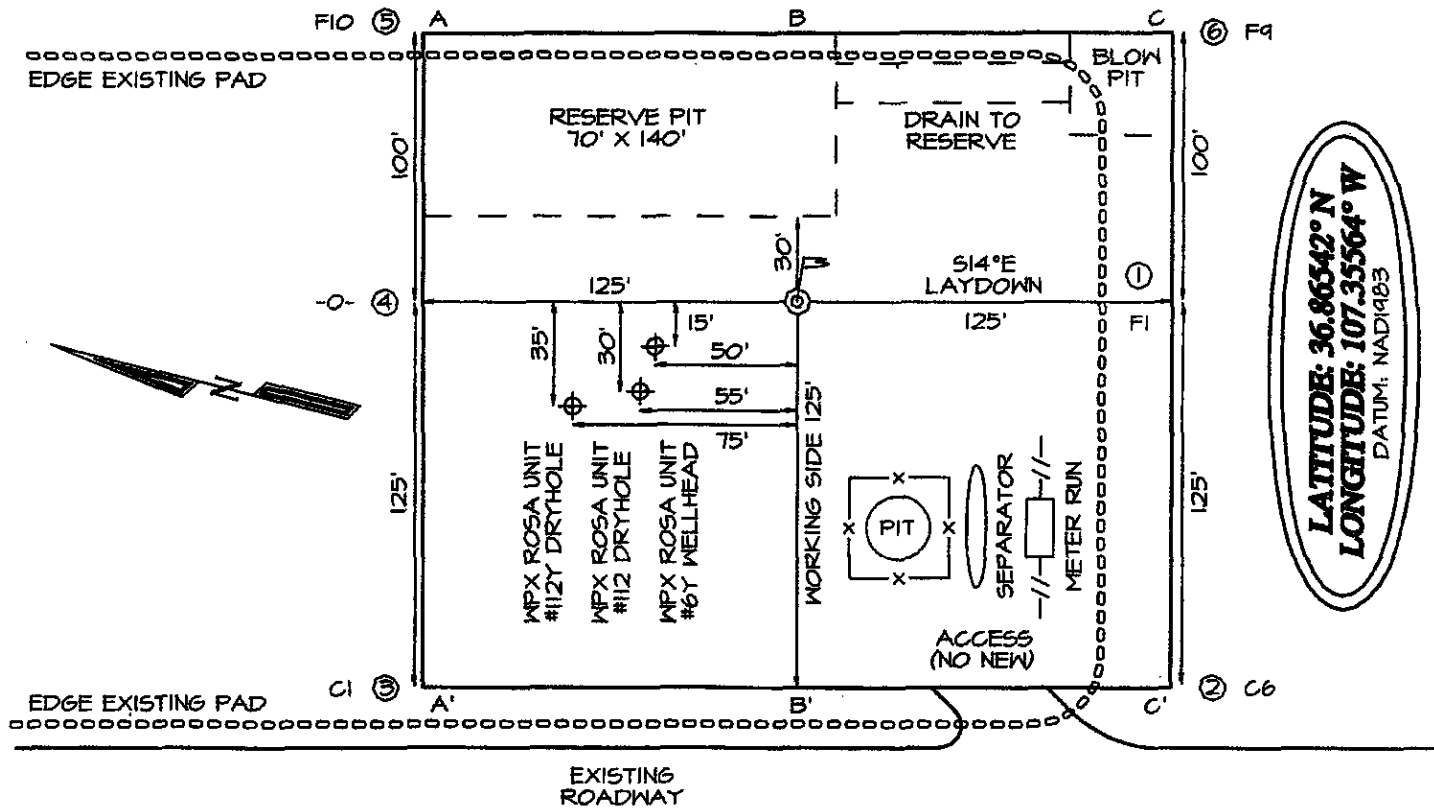
For State Use Only

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. # DATE APR 18 2007

Conditions of Approval (if any):

PLAT 1

**WILLIAMS PRODUCTION COMPANY ROSA UNIT #6C**  
**755' FSL & 880' FWL, SECTION 27, T31N, R5W, NMPM**  
**RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6782'**





## WILLIAMS PRODUCTION COMPANY

### Operations Plan

(Note: This procedure will be adjusted on site based upon actual conditions)

**DATE:** 1/16/2007 **FIELD:** Blanco MV  
**WELL NAME:** Rosa #6C **SURFACE:** FOREST  
**BH LOCATION:** NESW Sec 27-31N-5W **MINERALS:** FED  
Rio Arriba, NM  
**SURF LOCATION:** SWSW Sec 27-31N-5W  
**ELEVATION:** 6,782' GR **LEASE #** SF-078770  
**MEASURED DEPTH:** 7,052

**I. GEOLOGY:** Surface formation - San Jose

**A. FORMATION TOPS:** ( KB)

Name		TVD	MD		Name		TVD	MD
Ojo Alamo		2,906	2,551		Cliff House		5,861	5,720
Kirtland		3,086	2,719		Menefee		5,906	5,770
Fruitland		3,446	3,204		Point Lookout		6,101	6,000
Pictured Cliffs		3,676	3,486		Mancos		6,406	6,320
Lewis		3,951	3,780		TD		7,052	6,476

CAL 6576 7052

**B. MUD LOGGING PROGRAM:** none

**C. LOGGING PROGRAM:** Cased Hole logs only

**D. NATURAL GAUGES:** 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. Convert to a LSND mud to log and run pipe. Treat for lost circulation as necessary. Obtain 100% returns prior to cementing. Notify Engineering of any mud losses. Use air w/Air Hammer from 7 in. csg. to TD.

**B. BOP TESTING:** While drill pipe is in use, the pipe rams and the blind rams will be function tested once each trip. The anticipated reservoir is expected to be less than 1300 psi, so the BOPE will be tested to **250 psi (Low) for 5 minutes** and **1500 psi (High) for 10 minutes**. Utilize a BOPE Testing Unit with a recording chart and appropriate test plug for testing. The drum brakes will be 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	OH SIZE (IN)	DEPTH (MD) (FT)	CASING SIZE (IN)	WEIGHT(LB)	GRADE
Surface	12 1/4	300	9 5/8	36	K-55
Intermediate	8 3/4	4,625	7	20	K-55
Liner	6 1/4	4,525   7,052	4 1/2	10.5	J-55

**B. FLOAT EQUIPMENT:**

1. **SURFACE CASING:** 9-5/8" notched regular pattern guide shoe. Run (1) standard centralizer on each of the bottom (3) joints of Surface Casing.
2. **INTERMEDIATE CASING:** 7" cement nose guide shoe with a self-fill insert float. Place float collar one joint above the shoe. Install (1) Turbulent centralizer on each of the bottom (3) joints and one standard centralizer every (3) joints to 2,500 ft. Run (1) Turbulent centralizer at 2,700 ft., 2,500 ft., 2,300ft., 2,000ft., 1,500 ft., and 1,000 ft. (NTL-FRA 90-1).
3. **PRODUCTION CASING:** 4-1/2" whirler type cement nose guide shoe with a latch collar on top of 20' bottom joint. Place marker joint above 5,400'. Place centralizers as needed across selected production intervals.

**IV. CEMENTING:**

*(Note: Volumes may be adjusted onsite due to actual conditions)*

1. **SURFACE:** Slurry: 150sx (205 cu.ft.) of "Type III" + 2% CaCl<sub>2</sub> + ¼ # of cello-flake/sk (Yield = 1.39 cu.ft./sk, Weight = 14.5 #/gal.). The 100% excess should circulate cement to the surface. WOC 12 hours. Test csg to 1500psi.
2. **INTERMEDIATE:** Lead - 600 sx (1250) cu.ft.) of "Premium Light" with 8% gel, 1% CaCl<sub>2</sub> and 1/4# cello-flake/sk (Yield = 2.09 cu.ft./sk, Weight = 12.1 #/gal.). Tail - 50 sx (70cu.ft.) of "Type III" with 1/4# cello-flake/sk (Yield = 1.4 cu.ft./sk, Weight = 14.5#/gal.). Use 100% excess in Lead Slurry to circulate to surface. No excess in Tail Slurry. Total volume = 1,320 cu.ft. Bump Plug to 1,500 psi. Notify engineering if cement is not circulated to surface.
3. **PRODUCTION LINER:** 10 bbl Gelled Water spacer. Cement: 150 sx (323 ft<sup>3</sup>) of Premium Light HS + 1% FL-52 + .2% CD-32, 0.1% R-3, 3 #/sk CSE, ¼ #/sk cello flake and 4% Phenoseal. (Yield = 2.15 ft<sup>3</sup>/sk, Weight = 12.3 #/gal.). Displace cement at a minimum of 8 BPM. The 20% excess in lead and tail should cover 100 ft into intermediate casing. Total volume 323 ft<sup>3</sup>. WOC 12 hours

**V. IV COMPLETION****A. CBL**

1. Run Cement Bond Log across all intervals to be perforated and find Top of Cement behind all casing strings if cement is not circulated to surface.

**B. PRESSURE TEST**

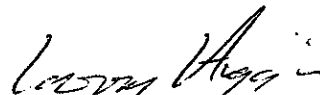
1. Pressure test 7" & 4-1/2" casing to max 3300 psi, hold at 1500 psi for 30 minutes.

**C. STIMULATION**

1. Perforate the Point Lookout as determined from the open hole logs.
2. Stimulate with approximately 9,300# of 14/30 LiteProp™ sand in slick water.
3. Isolate Point Lookout with a CIBP.
4. Perforate the Menefee/Cliff House as determined from the open hole logs.
5. Stimulate with approximately 9,300# of 14/30 LiteProp™ sand in slick water.
6. Test each zone before removing bridge plugs.

**D. RUNNING TUBING**

1. Mesa Verde: Run 2-3/8", 4.7#, J-55, EUE tubing with a SN (1.91" ID) on top of bottom joint. Land tubing approximately 25' above the bottom Point Lookout perforation.

  
for Gary Sizemore  
Sr. Drilling Engineer



Rosa Unit 6C  
Section 27 T31N R5W  
755' FSL & 880' FWL  
Rio Arriba County, NM  
Plan 1

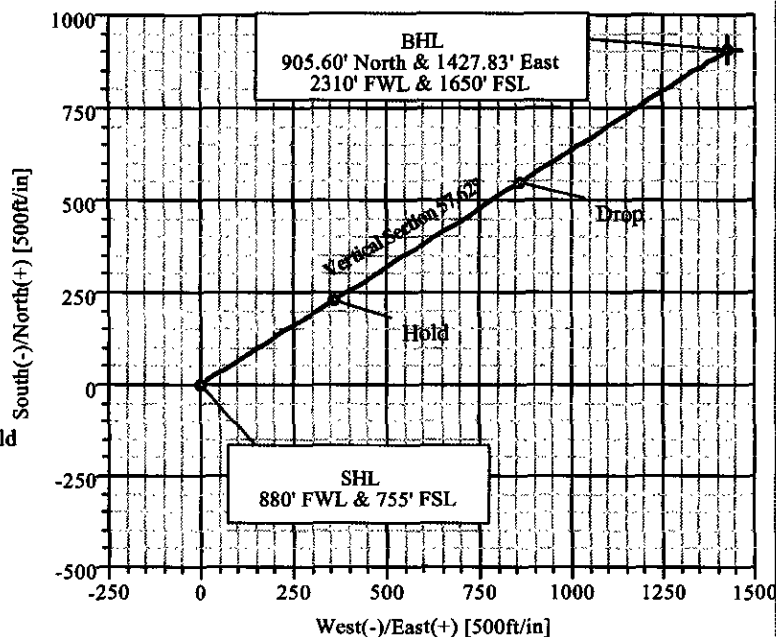
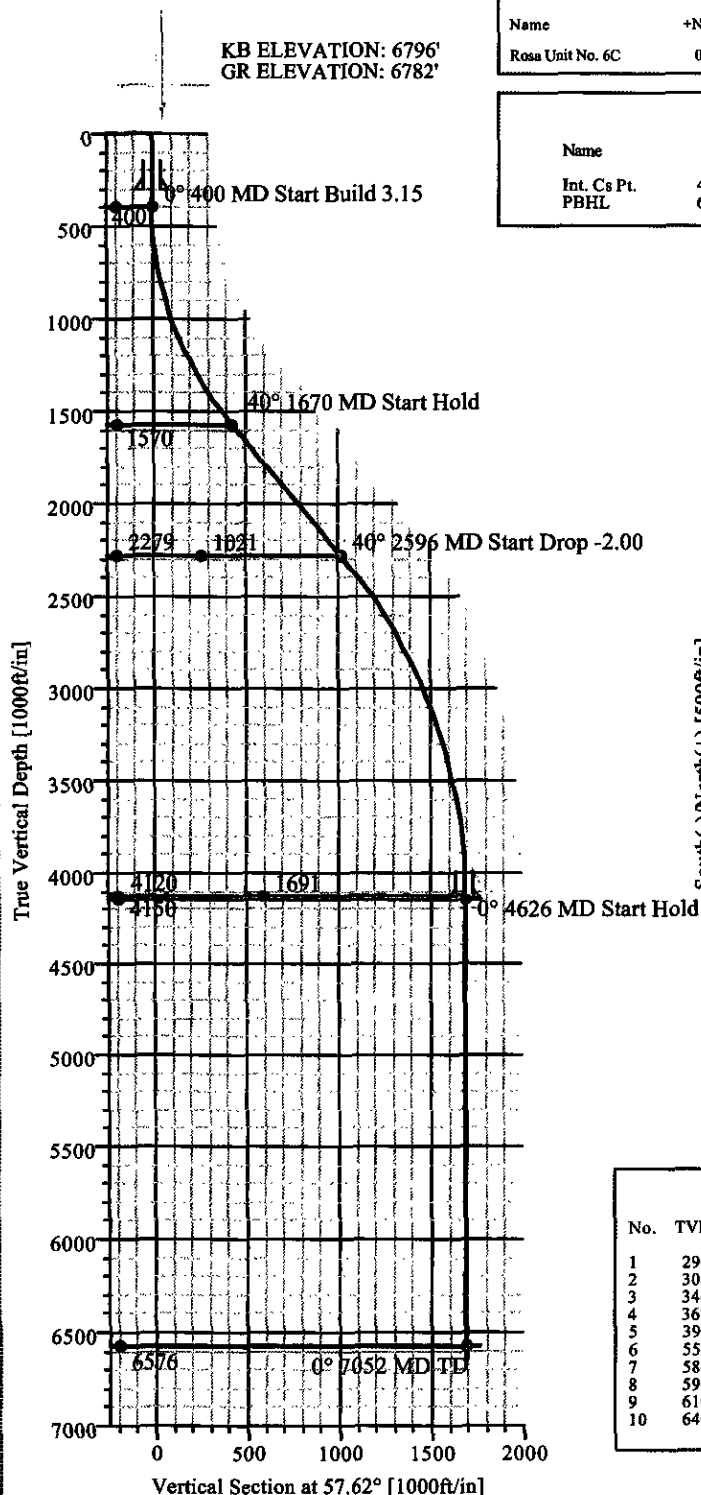
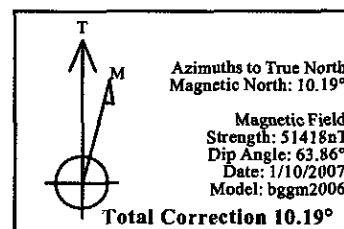


Weatherford

SECTION DETAILS									
Sec	MD	Inc	Ad	TVD	+N/-S	+E/-W	BLeg	TFace	VSec Target
1	0.00	0.00	57.62	0.00	0.00	0.00	0.00	0.00	0.00
2	400.00	0.00	57.62	400.00	0.00	0.00	0.00	0.00	0.00
3	1670.33	40.00	57.62	1569.62	228.01	359.50	3.15	57.62	425.71
4	2595.76	40.00	57.62	2278.55	546.62	861.84	0.00	0.00	1020.57
5	4595.76	0.00	57.62	4120.00	905.60	1427.83	2.00	180.00	1690.80
6	4625.76	0.00	57.62	4150.00	905.60	1427.83	0.00	0.00	1690.80
7	7051.76	0.00	57.62	6576.00	905.60	1427.83	0.00	57.62	1690.80

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Sket
Rosa Unit No. 6C	0.00	0.00	2135307.74	2955467.42	36°51'55.512N	107°02'20.304W	N/A

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Int. Cs Pt.	4150.00	905.60	1427.83	2136225.19	2956887.67	Point
PBHL	6576.00	905.60	1427.83	2136225.19	2956887.67	Point



FORMATION TOP DETAILS			
No.	TVDPath	MDPath	Formation
1	2906.00	3342.14	Ojo Alamo
2	3086.00	3537.89	Kirtland
3	3446.00	3915.39	Fruitland
4	3676.00	4149.97	Pictured Cliffs
5	3951.00	4426.67	Lewis
6	5546.00	6021.76	Cliff House SS Trans
7	5861.00	6336.76	Cliff House
8	5906.00	6381.76	Menefee
9	6101.00	6576.76	Point Lookout
10	6406.00	6881.76	Mancos

Plan: Plan #1 (Rosa Unit 6C)  
Created By: Jose Perez Date: 01/10/07  
Weatherford Drilling Services  
11943 FM 529  
Houston TX USA 77041  
(713) 896 8194 MAIN  
(713) 896 0498 FAX



### GEOLOGIC PROGNOSIS

Company: Williams Production Company. LLC  
Project: 2007 Drilling Plan  
Area: Rosa Unit

Operator: Williams Production Company. LLC  
Well Name: Rosa Unit No. 6C (Kmv-Directional)  
Location: SWSW 27-31N-05W  
Footage: 0755' FSL & 0880' FWL  
County/State: Rio Arriba/New Mexico

Surveyed GL: 6782 Estimate (14') KB: 6796

<u>Formation</u>	<u>Thickness</u>	<u>TVD</u>	<u>Struct. Elev.</u>
San Jose Fm.	2906	Surface	6782
Ojo Alamo Ss.	180	2906	3890
Kirtland Sh.	360	3086	3710
Fruitland Fm.	230	3446	3350
Pictured Cliffs Ss.	275	3676	3120
Lewis Sh.	200	3951	2845
<u>Intermediate Casing Depth</u>	1395	<u>4151</u>	2645
Cliff House Ss. Trans.	315	5546	1250
Cliff House Ss.	45	5861	935
Menefee Fm.	195	5906	890
Point Lookout Ss.	305	6101	695
Mancos Sh.	170	6406	390
<u>Total Depth</u>	NA	<u>6576</u>	220

Mechanical Logs: Cased hole (TMDL, CBL) logs only

Correlation Logs: Rosa Unit No. 112 (SWSW 27-31N-05W)

Notes: This well will be directionally drilled to a BHL  
1650' FSL & 2310' FWL 27-31N-05W

## GENERAL ROSA DRILLING PLAN

### Rosa Unit boundaries:

T31N, R4W: all except sections 32-36  
 T31N, R5W: all except sections 1 & 2  
 T31N, R6W: all except sections 6,7,18,20, & 27-36  
 T32N, R6W: sections 32-36

FORMATION	LITHOLOGY	WATER	GAS	OIL/COND	OVER-PRES	LOST CIRC
Nacimient	Interbedded shales, siltstones and sandstones	Possible	Possible	No	No	No
Ojo Alamo	Sandstone and conglomerates with lenses of shale	Fresh	No	No	No	No
Kirtland	Shale w/interbedded sandstones	No	Possible	No	No	No
Fruitland	Inter, SS, SiltSt, SH & Coals w/carb, SS, SiltSt, SH	Yes	Yes	No	Possible	Possible
Pictured Cliffs	Massive Sandstone w/thin interbedded shales	Possible	Yes	Possible	No	Possible
Lewis	Shale w/thin interbedded sandstones and siltstones	No	Possible	No	No	No
Cliff House	Transgressive sandstones	Possible	Yes	No	No	No
Menefee	Sandstones, carb shales and coal	Possible	Yes	No	No	No
Point Lookout	Regressive coastal barrier sandstone	Possible	Yes	Possible	No	Yes
Mancos	Marine shale and interbedded sandstone	No	Possible	Possible	No	Possible
Upr Dadota	Marine sand and shales	No	Yes	Possible	No	Possible
Lwr Dakota	Fluvial sands, shales, & coal	Possible	Yes	Possible	No	Possible

## DRILLING

### Potential Hazards:

1. There are no overpressured zones expected in this well.
2. No H<sub>2</sub>S zones will be penetrated while drilling this well.

### Mud System:

1. Surface - The surface hole will be drilled with a low-solids, non-dispersed system with starch and lost circulation material as needed. Expected mud weights will be in the 8.4 to 9.0 lb per gal range. Viscosities will be in the 30 to 60 sec/qrt range as needed to remove drill cuttings.
2. Intermediate - The intermediate hole will be drilled with clear water and Benex to TD where the well will be mudded up to log and run casing. The mud system will be low-solids, non-dispersed with mud weights in the 9 to 10 lb per gal range as needed to control the well. Viscosities will be in the 45 to 55 range as needed to support any weight material. The weight material will consist of Barite.
3. Production - The well will be drilled using air from the intermediate casing point to TD. For Fruitland Coal wells, the coal section will be drilled with air/mist.

WILLIAMS PRODUCTION COMPANY, LLC

Well Control Equipment Schematic for 2M Service

Attachment to Drilling Technical Program

Typical BOP setup

Location: San Juan Basin, New Mexico

Date: August 20, 2001

By: John Thompson (Walsh E&P)

BOP Stack

Rotating Head (optional)

Fill Line

Mud Flow to Pit

Double Ram Preventer

Drilling Spool

Kill line (2" Min)

Choke line to Manifold (2" Min)

Ground Level

Casing Head

Bull Plug

Ball Valve 2000 psi WP

Surface Casing

Production Casing

Choke & Kill Manifold

Positive Choke

Bypass to Steel Pit (Optional)

2" Minimum Size

Pressure Gauge

From BOP Stack

Straight-thru to Tank or Pit

2" Minimum Size

2" Minimum Size

Working Pressure for all equipment  
2,000 psi or greater

2" Minimum Size

To Tank or Pit

Adjustable Choke