

RCVD MAY 29 '08  
OIL CONS. DIV.  
DIST. 3

Submit 3 Copies

To Appropriate

District Office

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

2040 South Pacheco

Santa Fe, NM 87505

Form C-103

Revised 1-1-89

DISTRICT II

811 South First, Artesia NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-039-26788	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. E-347	
7. Lease Name or Unit Agreement Name: ROSA UNIT	
8. Well No. 26B	
9. Pool name or Wildcat BLANCO MV/BASIN DK	

**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

3. Address of Operator

P O BOX 3102, MS 25-4, TULSA, OK 74101

4. Well Location (Surface)

Unit letter G : 1380' feet from the NORTH line &amp; 2450' feet from the EAST line Sec 32-31N-5W RIO ARRIBA, NM

10. Elevation (Show whether DF, RKB, RT, GR, etc.  
6540' GR

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

**NOTICE OF INTENTION TO:****SUBSEQUENT REPORT OF:**PERFORM REMEDIAL  
WORK

X PLUG AND ABANDON

REMEDIAL WORK

ALTERING CASING

TEMPORARILY ABANDON

CHANGE PLANS

COMMENCE DRILLING OPNS.

PLUG AND  
ABANDONMENT

PULL OR ALTER CASING

CASING TEST AND CEMENT JOB

OTHER:

OTHER: \_\_\_\_\_

12. 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.

PLEASE SEE ATTACHED FOR PLUG AND ABANDONMENT PROCEDURE

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

SIGNATURE

*Rachel Lipperd*

TITLE: Engineering Technician

DATE: May 29, 2008

Type or print name Rachel Lipperd

Telephone No: (918) 573-3046

(This space for State use)

APPROVED BY

*H. Villanueva*

TITLE

Deputy Oil &amp; Gas Inspector,

District #3

DATE

JUN 10 2008

Conditions of approval, if any:

B

**PLUG AND ABANDONMENT PROCEDURE**

May 28, 2008

**Rosa Unit #26B**

Basin Dakota

1380' FNL and 2450' FEL, Section 32, T31N, R5W

Rio Arriba County, NM API 30-039-26788

- Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield except for Plug #1 and Plug #2 which will be Class H, mixed at 16 ppg with a 1.10 cf/sx yield.
1. **Plug #1 (Dakota perforations and top, 7969' – 7869')**: TIH and set a 5.5" CR at 7969'. Pressure test casing to 500#. If casing does not test then spot or tag subsequent plugs as appropriate. Load casing with water and circulate well clean. Mix 19 sxs Class H cement and spot a balanced plug above CR to isolate the Dakota interval. PUH.
  2. **Plug #2 (Gallup top, 6376' – 6276')**: Mix 19 sxs Class H cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH.
  3. **Plug #3 (Mesaverde top, 5606' – 5506')**: Mix 15 sxs Type III cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH.
  4. **Plug #4 (7.625" casing shoe, Pictured Cliffs and Fruitland tops, 3867' – 3101')**: Mix 91 sxs Type III cement and spot a balanced plug inside the casing to cover through the Fruitland top. PUH.
  5. **Plug #5 (Kirtland and Ojo Alamo tops, 2837' – 2602')**: Mix 32 sxs Type III cement and spot a balanced plug inside the casing to cover through the Ojo Alamo top. TOH with tubing.
  6. **Plug #6 (Nacimiento top, 1412' – 1312')**: Perforate 3 squeeze holes at 1412'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 5.5" cement retainer at 1462'. Establish rate into squeeze holes. Mix and pump 36 sxs cement, squeeze 21 sxs outside the 5.5" casing (50' excess – casing to casing) and leave 15 sxs inside the casing to cover the Nacimiento top. TOH and LD tubing.
  7. **Plug #7 (323' - Surface)**: Perforate 3 squeeze holes at 323'. Establish circulation with water out bradenhead valve. Circulate the bradenhead annulus clean. Mix and pump approximately 80 sxs cement down the 5.5" casing, circulate good cement out the bradenhead valve. Shut in well and WOC.
  8. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

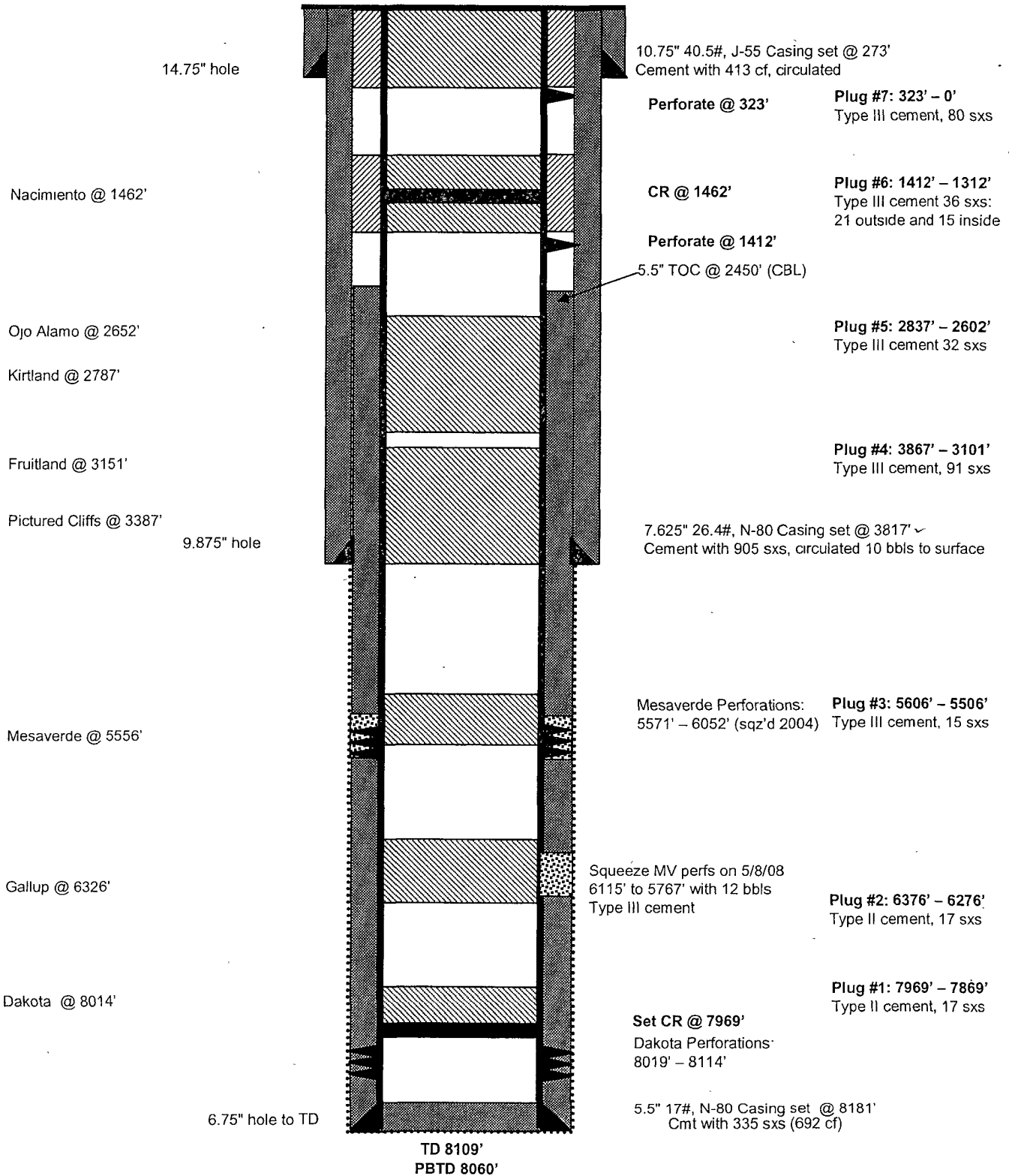
# Rosa Unit #26B

## Basin Dakota Proposed P&A

Today's Date: 5/28/08

1380' FNL, 2450' FEL, Section 32, T-31-N, R-5-W

Rio Arriba County, NM, API #30-039-26788

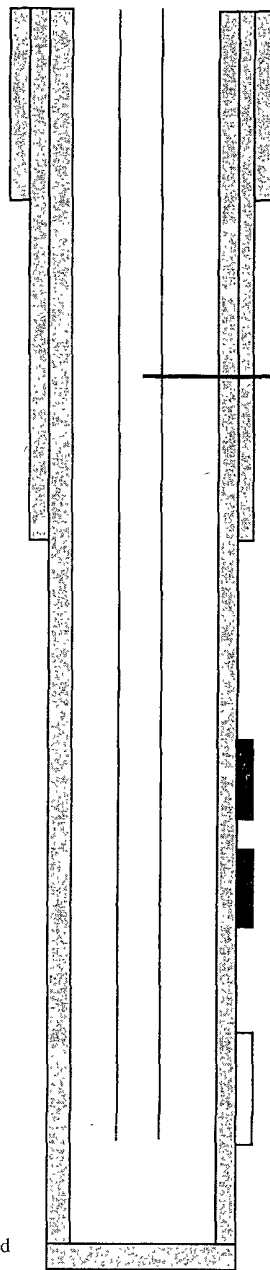


# **ROSA UNIT #26B** **BASIN DK**

**Location:** 1380' FNL, 2450' FEL  
SW/4 NE/4 Section 32(G), T31N, R5W  
Rio Arriba Co., NM  
**Elevation:** 6540' GR  
**API:** 30-039-26788  
**KB:** 16'

Spud Date 10-19-2001  
Completed 12-06-2001  
ID'd 01-11-2002

<i>Tops</i>	<i>Depth</i>
Ojo Alamo	2652'
Kirtland	2787'
Pictured Cliffs	3387'
Cliff House	5556'
Point Lookout	5824'
Mancos	6326'
Dakota	8014'



7 jts of 10 3/4", 40.5#, J-55 csg  
Set @ 273'  
Hole Size: 14-3/4"

Dakota Tubing: 249 jts 2-1/16", 3 25# IJ-10 R, tbg with 1/2 mule shoe, one 2' pup jt, one 8' pup jt, SN MS @ 8113', SN @ 8102'.

87 jts of 7-5/8", 26 4#, N-80, ST&C csg Landed @ 3817'.  
Hole Size: 9-7/8"

5,571'

5,718'

5,826'

6,052'

Mesa Verde Squeeze Perfs

8,019'

Dakota Perforations

8,114'

191 jts of 5-1/2", 17#, N-80 LT&C csg  
Landed @ 8181' Float collar @ 8159'  
Marker jt @ 5126'  
Hole Size: 6-3/4"

TD @ 8181'  
PBTD @ 8159'

## **Stimulation:**

### Mesa Verde:

5571'-5718' (27, 0.32" holes)  
5826'-6052' (34, 0.32" holes)  
P/A with cement squeeze on 6-14-2004

Dakota: 8019' - 8114' 1 SPF (18, 0.32" holes)  
80,000# of 20/40 Acfrac SB Excel resin coated sand carried  
in a 60Q XL foam AIR 35 bpm.

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
14 3/4"	10 3/4"	250 sx	348 cu.ft.	Surface
9 7/8"	7 5/8"	905 sx	1706 cu ft	Surface
6 3/4"	5 1/2"	335 sx	692 cu.ft.	2450'(CBL)