

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

Form C-103  
Revised 1-1-89

## OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

DISTRICT II  
811 South First, Artesia NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.  30-039-26601
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name:  ROSA UNIT
8. Well No.  #30B
9. Pool name or Wildcat  BLANCO MV/BASIN DK

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> 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 <u>N</u> : 20 feet from the <u>SOUTH</u> line & <u>2360</u> feet from the <u>WEST</u> line Sec 12-31N-R6W RIO ARRIBA, NM	
10. Elevation (Show whether DF, RKB, RT, GR, etc. 6486' GR	

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

X OTHER: COMMINGLING

### SUBSEQUENT REPORT OF:

REMEDIAL WORK

ALTERING CASING

COMMENCE DRILLING OPNS.

PLUG AND  
ABANDONMENT

CASING TEST AND CEMENT JOB

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

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). Data below to satisfy NM OCD Rule 303.C.3 (b) (i)-(vii)

- Pre-approved Pool Division Order R-11363.
- Pools to be commingled: Blanco MV 72319, Basin Dakota 71599.
- Perforated intervals: Blanco MV 4777' - 5954', Basin Dakota 8030' - 8109'.
- Fixed percentage allocations will be submitted once the completion profile analysis is complete.
- Commingling will not reduce the value of reserves.
- Notification of working, royalty, and overriding royalty interest owners; no notice is required per R-11363.
- The BLM has been notified and has approved the work on sundry notice form 3160.

RCVD MAY 17 '10

OIL CONS. DIV.

DIST. 3

Please see attached for commingling 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 II DATE: May 14, 2010

Type or print name Rachel Lipperd Telephone No: (918) 573-3046

(This space for State use) APPROVED

BY [Signature] TITLE Deputy Oil & Gas Inspector,

Conditions of approval, if any:

60

District #3

MAY 18 2010  
DATE

04C 3418A2



EXPLORATION & PRODUCTION

## COMMINGLING PROCEDURE

**ROSA #30B**  
**T31N, R6W, SECT. 12**  
**ELEVATION: 6486' GR**  
**PBTD:8174' MD**

### WELLBORE STATUS:

MV 2-1/16", 3.3 #/FT EUE, To 5975' MD

DK 2-1/16", 3.3 #/FT EUE, To 8110' MD

5-1/2" BAKER MODEL D PACKER @ 6250' MD

### OBJECTIVE: Commingle MV and DK

1. Pull Mesa Verde tubing
2. Pull Dakota tubing
3. Remove Production packer
4. Clean out to PBTD
5. Acid stimulate each formation if needed.
6. Run completion profiler for allocation purposes.
7. Complete with single string 2-3/8" tubing landed @ 8050'.
8. Install plunger lift system.
9. Remove one set of wellhead facilities
10. Return to production as DK/MV comingle

### PRIOR TO PRIMARY JOB

- 1) Test rig anchors.
- 2) Verify location is OK for rig operations.
- 3) Ensure JSA, ECP's and lockout procedures are in place for the flowline and other energized piping or equipment.
- 4) Acquire 8200' of 2-3/8" N-80 or stronger work string.
- 5) Acquire ~8200' of 2-3/8", EUE, 8rd, 4.7 #/ft J-55 tubing.
- 6) Acquire wellhead and convert from dual tubing string to a single, 2-3/8" tubing string.
- 7) Acquire 2-3/8", I.D. Type X or XN type nipple.

- 8) **KCL** on location to treat kill water as needed.

### **SAFETY NOTICE**

PERSONNEL SAFETY IS THE NUMBER ONE JOB.  
NO EXCEPTIONS!!!  
**PLEASE FOLLOW APPROPRIATE WILLIAMS CONTRACTOR  
PROTOCOLS FOR THIS JOB PLAN**

Please see your Williams Business Representative if you have any questions; Contractor protocols can be located in the Williams E&P Contractor Guide

### **PRIMARY JOB**

**Note:** Safety meetings shall be held each morning before work and subsequent "tailgate" safety meetings are to be held during the day when operation objectives shift in nature and intent (i.e. beginning/ending fishing operations, squeeze jobs, rigging down, perforating, etc.) Please ensure these are documented per section 2.2.7 of the Williams E&P Contractor Guide

1. MI and spot equipment to include fluid pumps and tanks.
2. MIRU.
3. ND/NU killing well with KCL water as necessary
4. Test the BOP's to 2500 psig minimum. If they fail, then rebuild and retest. If they cannot pass tests **DO NOT PROCEED** and notify Production Engineer.
5. Pick up on long string (DK) to determine if the long string will pull.
6. If long string will release, then POOH with short string (MV) and proceed to step # 7. If the long string will not release, proceed with sub-steps 6.1 through 6.3 below:
  - 6.1. POOH with short string one or two joints to confirm ability to move.
  - 6.2. Pick up additional joints of 2-1/16" pipe and wash to top of packer at 6250' using heavy air mist. Wash as necessary until returns clean up to approximately ¼ cup of sand in 5 gallons of water returns.
  - 6.3. After returns clean up, POOH with pipe laying down string.
7. Spear or screw in and POOH with 2-1/16" 3.3 #/ft long string (DK) string using straight pull to pull out of Baker Model D packer seal assembly up to 40,000 #'s.
8. POOH with lay down tubing 2-1/16" 3.3# J-55 and seal assembly.
9. NU additional pipe ram for work string or replace pipe ram with annular preventer.
10. Pick up work string.

11. Pick up Baker Model D packer millover & pulling tool, using DC's and assembly as necessary and RIH on work string to mill over Baker Model D packer @ 6250' MD and RIH on work string. If work string not inspected prior to work do not exceed 70% of joint strength of the work string pipe when pulling.
12. Millover and attempt to pluck Baker Model D packer at 6250' MD. If using 4.7 #/ft work string, weight of dry string above packer is 32.6k #s. If using 6.5 #/ft work string, dry string weight will be 41.5k #s. When attempting to pull packer and tail pipe determine work string weight and do not pull more than 70% of joint strength.
13. POOH with packer and lay down work string, tools and packer.
14. RIH w/ work string.
15. Clean out to 8174' PBTD using a bit, scraper, and air unit package. Acid stimulate if needed.
16. TOOH w/ work string.
17. TIH with 2-3/8" production string to 4627' (+/- 150 above top MV perf @ 4777').
18. MIRU slickline
19. TIH w/ gauge ring/dummy assembly w/ to PBTD.
  - 19.1. Ensure slickline unit can run @ 30 to 150 fpm
20. Allow flow to stabilize overnight.
21. RIH w/ completion profiler and log the production intervals per ProTechnics procedures.
22. TIH w/ completion profiler and **record final wellhead pressure.**
23. TIH w/ blanking plug and set a blanking plug in the F-nipple to isolate tubing from well.
24. TOH w/ slick line and bleed tubing pressure down to zero.
25. RD slick line

**Note:** Only use pipe dope on the pins. Do not dope the couplings.

26. RIH w/ tubing and set @ 8050' w/ seat nipple & standing valve, testing tubing to 1000 psi every 900'. Report leaks and replace.

**Note:** This well should be dead and the BOP's shall be closed and locked at the end of daily operations.

27. Ensure tubing is not plugged prior to releasing the rig

28. N/D BOP's and N/U wellhead.

29. Return well to production.

30. R/D, move off location.

31. Return well to production.

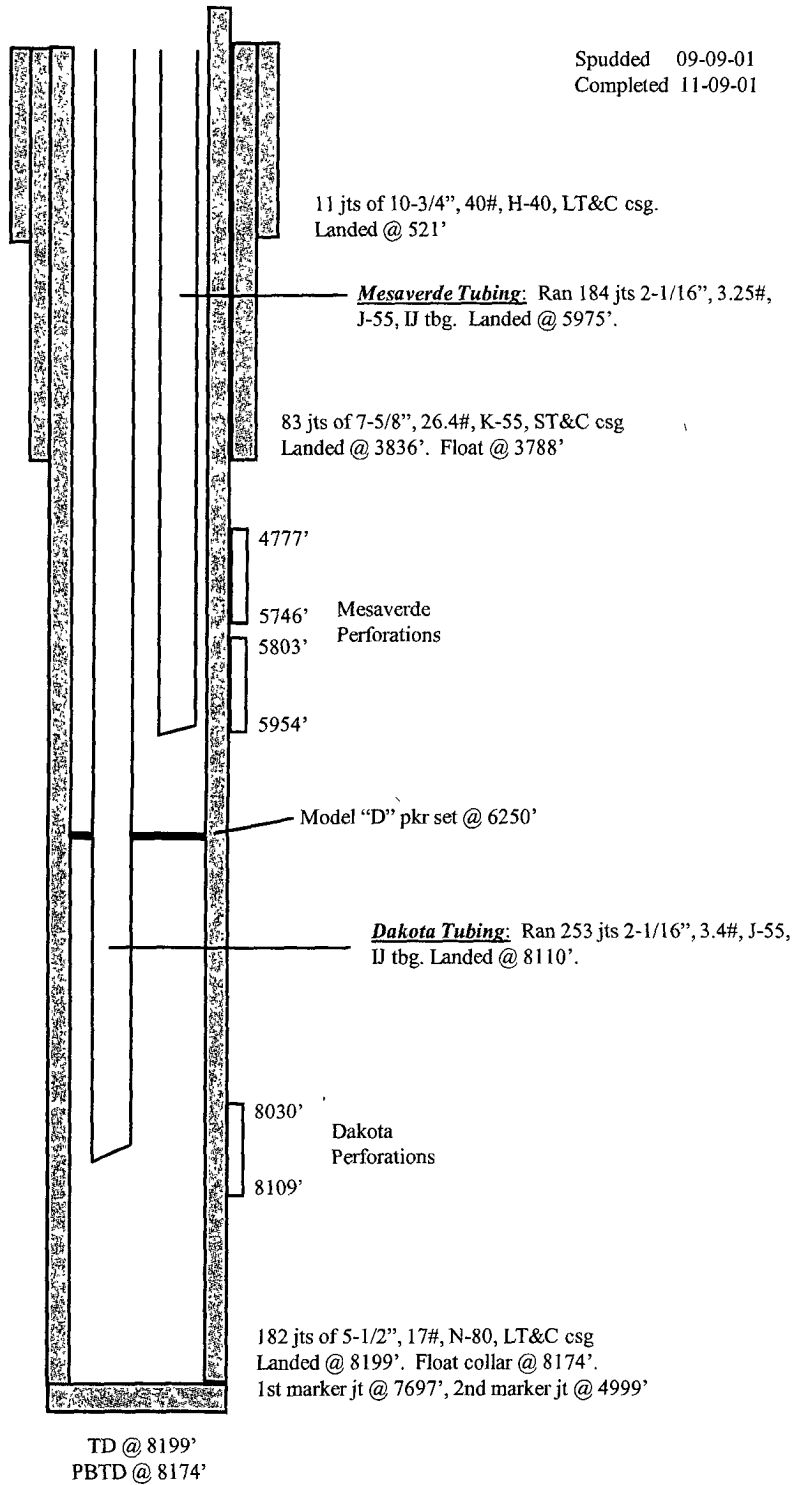
# ROSA UNIT #30B BLANCO MV/BASIN DK

**Location:** 20' FSL, 2360' FWL  
SE/4 SW/4 Section 12(N), T31N, R6W  
Rio Arriba, NM

Spudded 09-09-01  
Completed 11-09-01

**Elevation:** 6486' GR

<i>Tops</i>	<i>Depth</i>
Kirtland	2673'
Pictured Cliffs	3328'
Cliff House	5545'
Point Lookout	5799'
Mancos	6133'
Dakota	8030'



CliffHouse/Menefee 4777' - 5746' (26, 0.38" holes)  
80,000# of 20/40 sand in 1889 BBI's slick water

Point Lookout 5803' - 5954' (24, 0.38" holes)  
80,000# of 20/40 sand in 1897 BBIs slick water

Dakota 8030' - 8109' (21, 0.38" holes)  
28,000# of 20/40 Acfrac SB Excel resin coated proppant

HOLE SIZE	CASING	CEMENT	CMT TOP
14-3/4"	10-3/4"	415 sx, 585 cu.ft.	488'
9-7/8"	7-5/8"	780 sx, 1459 cu.ft.	3770'
6-3/4"	5-1/2"	275 sx, 551 cu.ft.	3100'