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Bureau of Land Management
Farmington Field Office

In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

5. Lease Designation and Serial No.
SF-078766

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well
Oil Well X Gas Well Other

8. Well Name and No.
Rosa Unit #32C

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-27240

3. Address and Telephone No.
PO BOX 3102 MS 25-4, TULSA, OK 74101 (918) 573-3046

10. Field and Pool, or Exploratory Area
BLANCO MV/BASIN DK

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1675' FNL, 1700' FWL, SE/4 NW/4, SEC 21, T31N, R06W

11. County or Parish, State
RIO ARRIBA, NEW MEXICO

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
Ξ Notice of Intent	Abandonment	Change of Plans
Subsequent Report	Recompletion	New Construction
Final Abandonment	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
	Altering Casing	Conversion to Injection
	Ξ Other Commingle	Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

4-7

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Williams recommends commingling the Rosa Unit #32C. We recommend commingling this well for two reasons; packer repair, and production optimization. In doing so, Williams can install an artificial lift system and produce both zones effectively.

Commingle Procedure:

1. Mesa Verde tubing will be pulled
2. Dakota tubing will be pulled
3. Production packer will be removed
4. Well will be cleaned out to PBTD
5. A single string of 2-3/8" tubing will be run to ~7900'.
6. Run completion profiler for allocation purposes
7. Install plunger lift system.
8. Remove one set of wellhead facilities.
9. Return to production as DK/MV comingle.

No DHC order

RCVD MAR 31 '10
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed Rachel Lipperd Title Engineering Technician II Date March 23, 2010

Rachel Lipperd

(This space for Federal or State office use)

Approved by Original Signed: Stephen Mason Title _____ Date MAR 2 6 2010

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

NMOCD

B 4-7-10

Williams®

EXPLORATION & PRODUCTION

COMMUNICATION REPAIR & COMINGLING PROCEDURE

ROSA #32C
T31N, R6W, SECT. 21
ELEVATION: 6331' GR
PBTD:8341' MD

WELLBORE STATUS:

MV 2-1/16", 3.3 #/FT EUE, TO 6269' MD

DK 2-1/16", 3.3 #/FT EUE, TO 8247' MD

5-1/2" BAKER MODEL D PACKER @ 6390' MD

OBJECTIVE: Remove failed packer and 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 @ 8250'.
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 8400' of 2-3/8" N-80 or stronger work string.
5) Acquire ~8250' 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; Contrator 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 6390' 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 @ 6390' 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 6390' 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 8341' 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 5130' (+/- 150 above top MV perf @ 5380').
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 @ 8250' 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.

Exploration & Production

Production Allocation Recommendation
Rosa #32C (DK/MV)

WELLNAME:	Rosa #32	**FIELD:**	Rosa Blanco
LOCATION:	NW/4 NW/4 Sec.21, T31N, R06W	**COUNTY:**	Rio Arriba, NM
API No.:	03-039-27240	**Date:**	March 5, 2010

Current Status: The Rosa #32C is currently a dual completion well producing from the Dakota and Mesa Verde formations. The packer assembly at 6390' has failed and repair is mandatory. Williams recommends comingling this well for two reasons; packer repair, and production optimization. In doing so, Williams can install an artificial lift system and produced both zones effectively.

Commingle Procedure:

1. Mesa Verde tubing will be pulled
2. Dakota tubing will be pulled
3. Production packer will be removed
4. Well will be cleaned out to PBTD
5. A single string of 2-3/8" tubing will be run to ~7900'.
6. Run completion profiler for allocation purposes
7. Install plunger lift system.
8. Remove one set of wellhead facilities.
9. Return to production as DK/MV comingle.

Allocation Method: Historic production data from both zones on this well was gathered and analyzed. Monthly production data from January 2005 through January 2008 was considered as this represented a time when both zones appear to be free from loading problems and each zone was producing optimally. During this time the Mesa Verde contributed approximately 71% of the total production of the well, while the Dakota accounted for the remaining 29% during the same time span. **Williams will run a completion profiler once well is comingled to re-evaluate allocation percentages.**

ROSA UNIT #32C
BLANCO MV/BASIN DK

Spud: 09/21/02

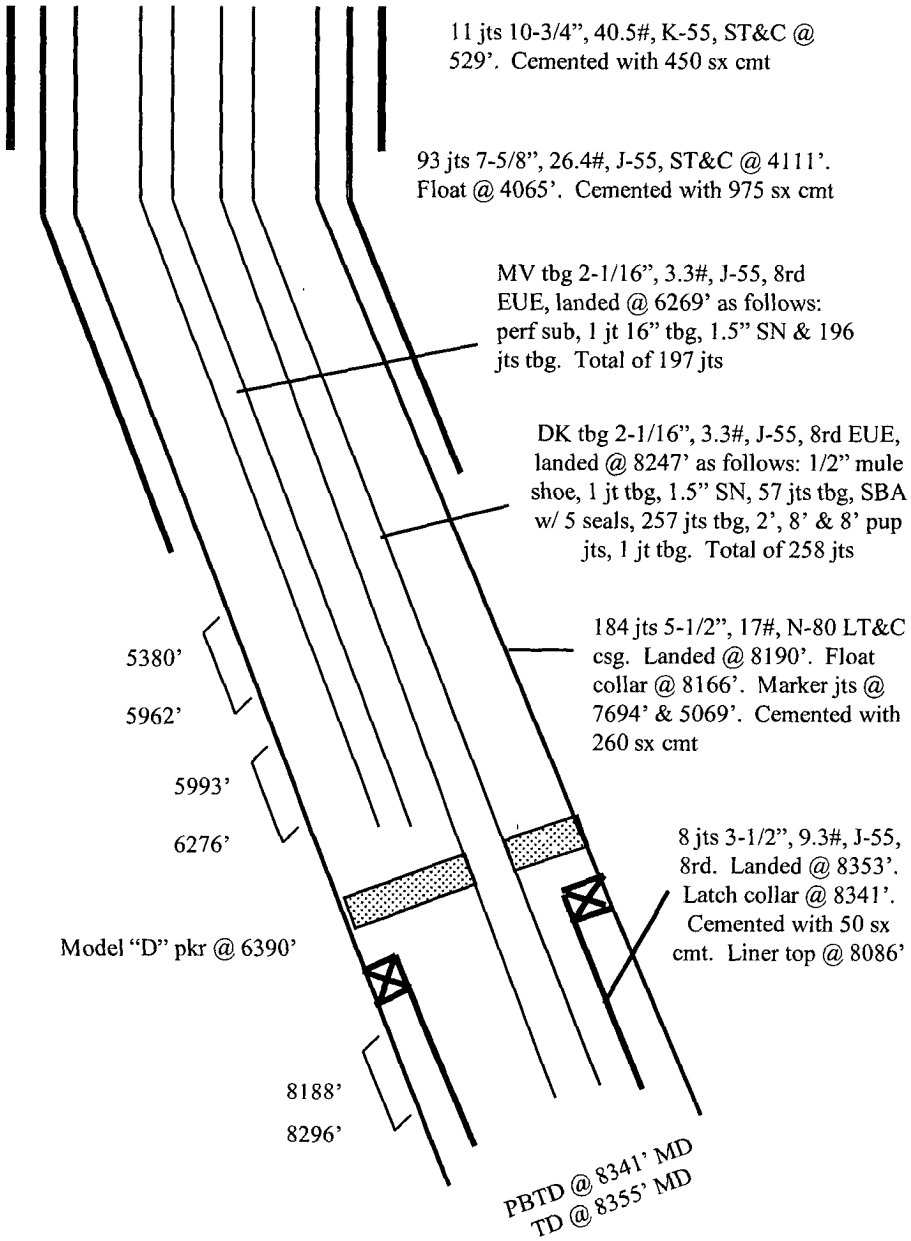
Completed: 11/25/02

Surface Location:
1675' FNL and 1700' FWL
SE/4 NW/4 Sec 21(F), T31N, R6W
Rio Arriba, NM

Bottom Hole Location:
615' FNL and 763' FWL
NW/4 NW/4 Sec 21(D), T31N, R6W
Rio Arriba, NM

Elevation: 6331' GR
API # 30-039-27240

Top	MD Depth
Pictured Cliffs	3501'
Lewis	3809'
Cliffhouse Ss.	5681'
Menefee	5746'
Point Lookout	5990'
Mancos	6423'
Dakota	8204'



Stimulation:

Cliffhouse/Menefee: 5380' - 5962' (30, 0.33" holes) Frac with 81,200# 20/40 sand in 1878 bbls fresh water.

Point Lookout: 5993' - 6276' (26, 0.33" holes) Frac with 80,000# 20/40 sand in 1950 bbls fresh water.

Dakota: 8188' - 8296' (16, 0.33" holes) Frac with 4500# 100 Mesh sand, 90,000# 20/40 Ottawa sand & 6400# Flex sand MSE in 20Q Vistar foam.

Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	450 sx	635 cu. ft.	Surface
9-7/8"	7-5/8", 26.4#	975 sx	1792 cu. ft.	Surface
6-3/4"	5-1/2", 17#	260 sx	574 cu. ft.	3250'
4-3/4"	3-1/2", 9.3#	50 sx	101 cu. ft.	8086'

TR 12/02/2002