In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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

RECEIVED
210 FARMINGTON NM

SUBMIT IN TRIPLICATE

5.	Lease Designation and Serial No. SF-078763		
6.	If Indian, Allottee or Tribe Name		
7	If Unit or CA, Agreement Designation		
1.	Type of Well Oil Well X Gas Well Other	8.	Well Name and No. ROSA UNIT #46A
2.	Name of Operator WILLIAMS PRODUCTION COMPANY	9.	API Well No. 30-039-26986
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) 10' FSL 2470'FEL SW/4 SE/4 SEC 08-31N-05W	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 & REPAIR	Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

Objective: Repair hole in long string tubing. Increase size of long string tubing.

1) MIRU, kill, ND tree, & NU BOP's.
2) POOH with tubing on both strings.
3) Mill out packer.
4) Clean out fill to PBTD @ 8,079' MD..
5) RIH and hang-off commingled string @ 8,035'MD.
6) ND BOP's & NU tree.
7) TEST WELL TO MAKE CERTAIN TUBING IS NOT PLUGGED.
8) Release rig.
9) Return to production.

RCVD AUG 10 '07
OIL CONS. DIV.
DIST. 3

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

Signed Rachel Lippard Title Engineering Tech Date August 3, 2007
Rachel Lippard

(This space for Federal or State office use)

Approved by Original Signed: Stephen Mason Title _____ Date AUG 0 8 2007

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

Williams

EXPLORATION & PRODUCTION

COMMUNICATION REPAIR & COMMINGLING PROCEDURE

ROSA #46A
API NO. 30-039-26986
T31N, R5W, SECT. 08
ELEVATION: 6,191' GR
TD: 8,123' MD

WELLBORE STATUS:

DEVIATED HOLE: SEE ADDENDUM 1 PAGES 5, 6 & 7

DK 2-1/16", 3.3 #/FT, TO 8,018 MD
5-1/2" MODEL D PACKER @ 6,250' MD

MV 2-1/16", 3.3 #/FT, TO 6,052 MD

ESTIMATED DK SIBHP = **750± PSIG**

ESTIMATED MV SIBHP = **550± PSIG**

ESTIMATED DK SIBHT = 189± °F

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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 6,400 ft of 2-3/8" or 2-7/8" L-80 or stronger work string.
5) Acquire 5,350' of 2-7/8", eue, 8rd, 6.5 #/ft J-55 tubing.
6) Acquire 2,900' of 2-7/8", 6.4 #/ft, 10 RD---NOTE: Standard collars are preferred, turned-down collars are not necessary.
7) Locate and have on standby 300' of 2-1/16" 3.25 #/ft, tubing.
8) Acquire wellhead and convert from dual tubing string to a single, 2-7/8" tubing string.
9) Acquire crossovers from 2-7/8" 6.5 #/ft eue 8rd to 2-7/8", 6.4 #/ft, 10 RD.
10) Acquire 2-7-/8", **2.313" I.D. Halliburton Type X or XN** type nipple.
11) **KCL** on location to treat kill water as needed.

SAFETY NOTICE

PERSONNEL SAFETY IS THE NUMBER ONE JOB.
NO EXCEPTIONS!!!

COMMUNICATION REPAIR & COMMINGLING PROCEDURE

ROSA #46A DAKOTA

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.)

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 2,500 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 DK long string to determine if the long string will pull.
6. If long string will POOH from step #5 above, then POOH with MV short string and proceed to step # 7. If the long string will not POOH, 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 6,250 ft 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" 3.25 #/ft DK (long string) string using straight pull to pull out of Model D packer seal assembly up to 40,000 #'s.
8. POOH with lay down tubing (248± jts. 2-1/16" 3.25# 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 Model D packer millover & pulling tool, using DC's and assembly as necessary and RIH on work string to mill over Model D packer @ 6,250 ft 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 Model D packer at 6,250 ft MD. If using 4.7 #/ft work string weight of dry string above packer is 29.5k #'s and if 6.5 #/ft work dry string weight will be 40.7k #'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 with mule shoe, 2.3" minimum ID X nipple, 2,900'± 6.4#/ft, 10rd, J-55, tubing on bottom crossing over to 2-7/8" 6.5#/ft eue 8rd.

15. Circulate 2 bottoms up from 8,079'.

16. After returns clean up to, hang off EOT @ 8,035'±.

ATTENTION

Only use pipe dope on the pins. Do not dope the couplings. If pipe dope gets on the exterior of the couplings or pipe it should we wiped clean from the pipe or coupling. Do not use excess pipe dope and only dope the threads on the pins.

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

18. Return well to production.

19. R/D, move off location.

20. Notify pumper on route to place well on test.

Exploration & Production

Production Allocation Recommendation
ROSA #46A (MV/DK)

WELLNAME:	ROSA #46A	**FIELD:**	Rosa DK & Blanco MV
LOCATION:	SW/4 SE/4 Sec.08, T31N,R05W	**COUNTY:**	Rio Arriba, NM
API No.:	30-039-26986	**Date:**	August 1, 2007

Current Status: The ROSA #46A is currently a dual completion well producing from the Dakota and Mesaverde formations. The Production Optimization and Enhancement Team recommends commingling this well upon completion of the workover currently underway.

Commingle Procedure:

- Dakota tubing will be pulled
- MesaVerde tubing will be pulled
- Production packer will be removed
- Well will be cleaned out to PBTD
- A single string of 2-7/8" tubing will be run to ~8,035'
- One set of wellhead facilities will be removed
- Well will be produced as a MV/DK commingle

Allocation Method: Historic production data from both zones on this well was gathered and analyzed. Monthly production data from Jan 2001 to May 2007 was considered for both zones. During this time frame the Dakota accounted for approximately 85.06% of the total production of the well, while the Mesa Verde contributed the remaining 14.94% during the same time. \

From Dec 2002 – May 2007
Total Production from well = 572,644 Mcf
Total Production from DK = 342,914 Mcf or 59.88% of total
Total Production from MV = 229730 Mcf or 40.12% of total

Production stabilized at approximately month # 8 (July 2003), thereby establishing more representative production volumes.
From Jul 2003 – May 2007
Production from well = 418,927 Mcf
Production from DK = 267,572 Mcf or 63.87% of total

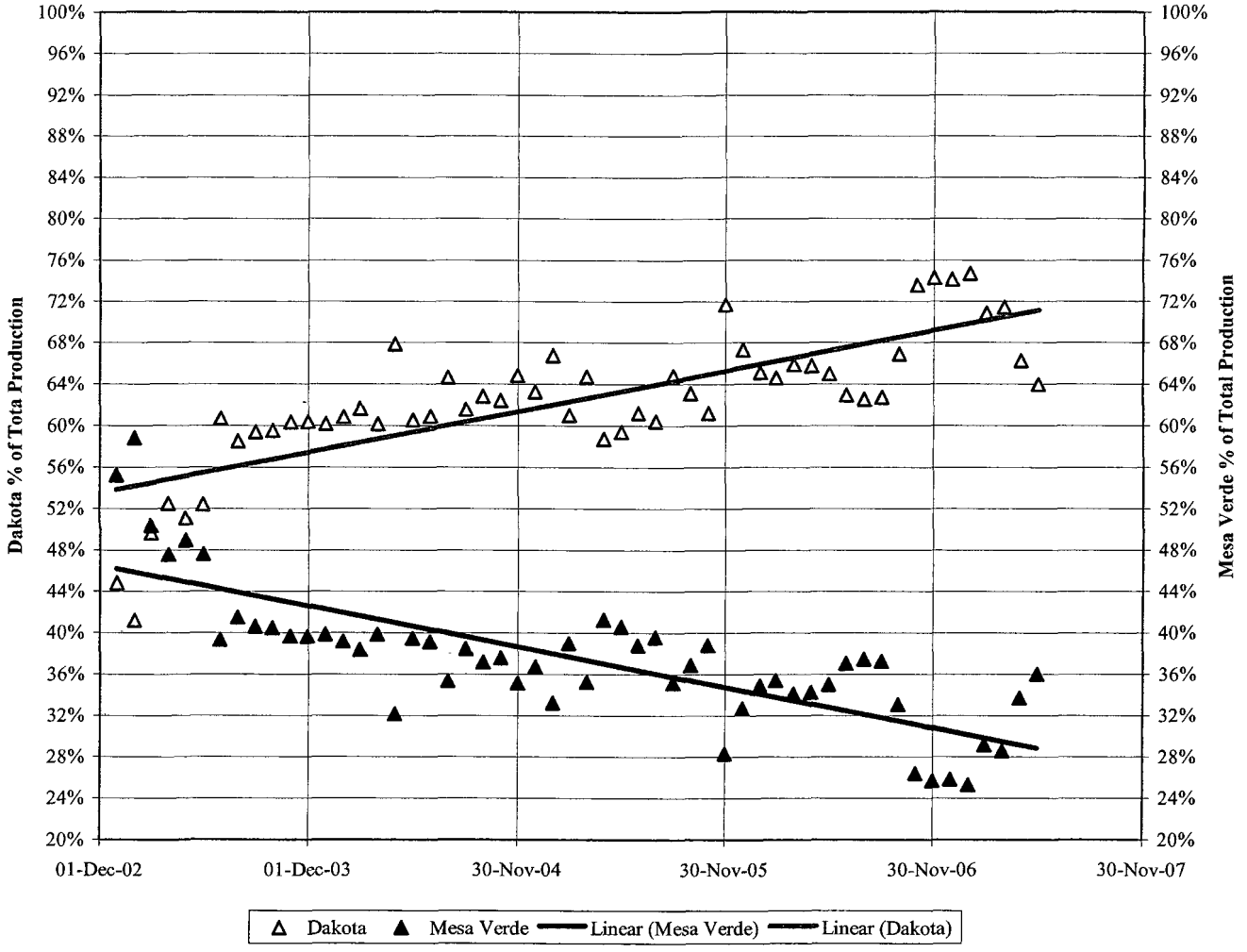
Production from MV = 151,354 Mcf or 36.13% of total

A plot of monthly production % for months when both zones produced at least 1 MCF of gas are shown in an attached plot as well as a plot starting on July 2003. The July 2003 to present data appears more representative and it is proposed that a linear best fit with last month's production data, May 2007, be used for the value of the bet fit in May 2007. The requested fixed percentage for allocation is 30% of total flow for the Mesa Verde zone and 70% of total flow for the Dakota zone.

Requested Commingled Allocation:
DK allocation = 70% of wellstream flow.
MV allocation = 30% of wellstream flow.

ROSA 46A

MV & DK Monthly Production Comparison for All Months When Both Zones' Production > 0



ROSA UNIT #46A
BLANCO MV/BASIN DK

Spud: 09/27/02

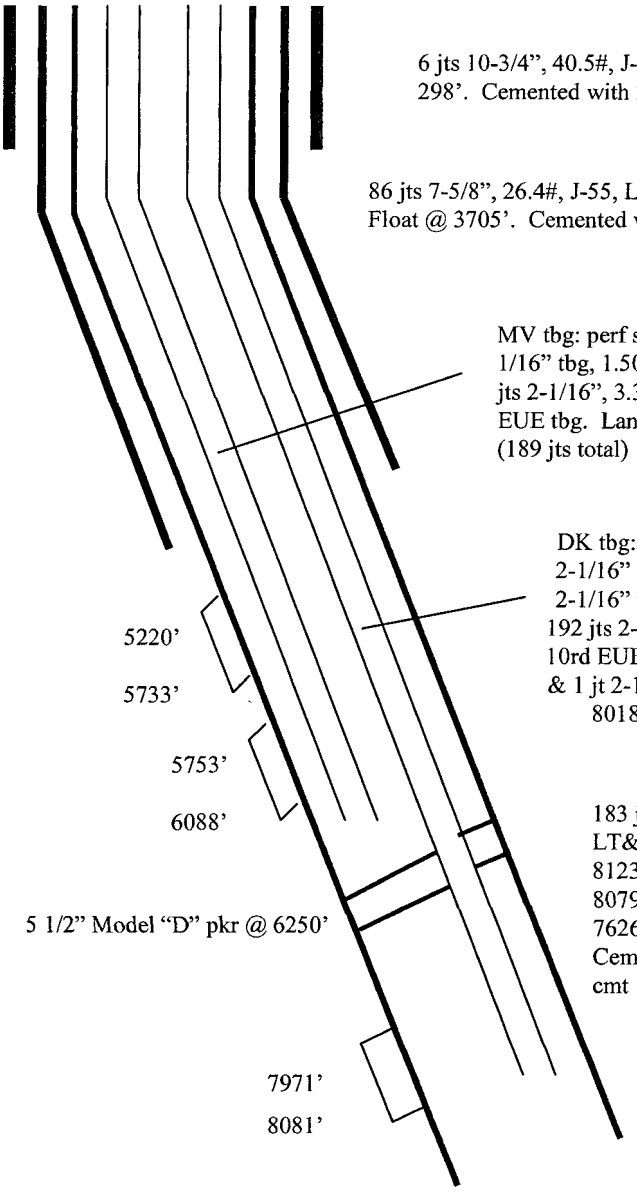
Completed: 11/06/02

Surface Location:
10' FSL and 2470' FEL
SW/4 SE/4 Sec 08(O), T31N, R5W
Rio Arriba, NM

Bottom Hole Location:
1029' FSL and 1686' FEL
SW/4 SE/4 Sec 08(O), T31N, R5W
Rio Arriba, NM

Elevation: 6191' GR
API # 30-039-26986

Top	MD Depth
Pictured Cliffs	3244'
Lewis	3599'
Cliffhouse Ss.	5496'
Menefee	5544'
Point Lookout	5748'
Mancos	7786'
Dakota	7969'



PBTD @ 8079' MD
TD @ 8123' MD

Stimulation:

Cliffhouse/Menefee: 5220' - 5733' (25, 0.38" holes) Frac with 80,000# 20/40 sand in 1745 bbls gelled water.

Point Lookout: 5753' - 6088' (29, 0.38" holes) Frac with 80,000# 20/40 sand in 1891 bbls gelled water.

Dakota: 7971' - 8081' (21, 0.42" holes) Frac with 95,900# sand in 1283 bbls gelled water.

Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	230 sx	325 cu. ft.	Surface
9-7/8"	7-5/8", 26.4#	957 sx	1607 cu. ft.	Surface
6-3/4"	5-1/2", 17#	265 sx	557 cu. ft.	2550'

TR 11/15/2002