

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

SUBMIT IN TRIPLICATE

NOV 03 2009

Bureau of Land Management
Farmington Field Office

1. Type of Well Oil Well Gas Well X Other	5. Lease Designation and Serial No NMSF-078772
2. Name of Operator WILLIAMS PRODUCTION COMPANY	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. PO Box 640 Aztec, NM 87410-0640	7. If Unit or CA, Agreement Designation Rosa Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sur: 1840' FSL & 865' FEL. BHL 204' FSL & 929' FEL, SEC 1 31N 6W	8. Well Name and No. Rosa Unit 164C
	9. API Well No. 30-039-30109
	10. Field and Pool, or Exploratory Area Blanco MV / Basin MC / Basin DK
	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
Notice of Intent	Abandonment
X Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	X Other <u>MV/MC Completion</u>
	Change of Plans
	New Construction
	Non-Routine Fracturing
	Water Shut-Off
	Conversion to Injection
	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.)*

8-27-09 - MIRU AWS #442

8-29-09 - Set CBP @ 8000'. Run CBL, TOC @ 3950'. MOL

9-22-09 - Rigless - Perf Lower Mancos, 7554'-7690', with 60, 0.34" holes. Frac Lower Mancos with 5000# 100 mesh BASF followed with 102,900# 40/70 BASF. Set Flo-thru BP @ 7510'. Perf Upper Mancos, 7204'-7476', with 75, 0.34" holes. Frac Upper Mancos with 5000# 100 mesh BASF followed with 97,500# 40/70 BASF

9-23-09 thru 10-8-09 - Flow test Mancos formation

10-9-09 - Rigless - Set CBP @ 6576'. Perf Lower Mesaverde, 6044'-6412', with 57, 0.34" holes

10-12-09 - MIRU AWS #266 - Frac Lower MV with 87,727# 20/40 mesh BASF. Set Flo-thru BP @ 6004'. Perf Upper Mesaverde, 5604'-5998', with 56, 0.34" holes. Frac Upper Mesaverde with 73,173# 20/40 mesh BASF

RCVD NOV 9 '09
OIL CONS. DIV.

DIST. 3

14 I hereby certify that the foregoing is true and correct

Signed

Larry Higgins

Title Drilling COM Date 11-2-09

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by

Title

Date

NOV 04 2009
FARMINGTON FIELD OFFICE

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

NMCCD

Rosa Unit #164C – Page 2

10-14-09 – DO Flo-thru BP @ 6004'

10-17-09 – DO CBP @ 6576' – DO FTBP @ 7510' – stuck tubing @ this point

10-18-09 – Fishing operations

10-26-09 – FLOW TEST: Duration = 2 hr, Test Method, choke = 1/4", MCF/D = 630, Csg Psi = 420 lbs , Tbg Psi = 0 psi , Gas Type = wet, Gas Disposition = non flaring

10-27-09 thru 10-28-09 – fishing operations

10-29-09 – Milled to 7901', TOH with BHA, all fish recovered except 4-3/4" Hurricane bit. Due to winter closure decision was made to land well at this point, top of fish @ 7901'

10-30-09 – Land well as follows, 2-3/8" half muleshoe, 1 jt 2-3/8" J-55 tbg, 1.780 I.D. F-nipple, 112 jts 2-3/8" 4.70# J-55 EUE tbg, & 128 jts 2-3/8" 4.70# N-80 EUE tbg, EOT @ 7707' F-nipple @ 7674'

Note: CBP @ 8000' and rest of fish in hole. Will produce as MV/MC commingle (AZT-3249) during winter closure and return next year to remove rest of fish and drill out CBP. A sundry reallocating production will be filed since the commingle authorization is for MV/MC/DK production. New PBTB @ 8000'

ROSA UNIT #164C

BLANCO MV / BASIN MC / BASIN DK

Spud: 05/01/09

Completed: 06/04/09

Surface Location:

1840' FSL and 865' FEL
NW/4 SE/4 Sec 1 (J), T31N, R06W
Rio Arriba, NM

1st Delivery DK: 6-12-09

1st Delivery MC: 00/00/00

1st Delivery MV: 00/00/00

Bottom Hole Location:

204' FSL and 929' FEL
SW/4 SE/4 Sec 1 (O), T31N, R06W
Rio Arriba, NM

Elevation: 6358' GR

API # 30-039-30109

Top	MD Depth	TVD Depth
Pictured Cliffs	3583'	3202'
Lewis	3919'	3532'
Cliffhouse Ss.	5803'	5413'
Menefee	5854'	5465'
Point Lookout	6067'	5678'
Mancos	6587'	6192'
Dakota	8303'	7915'

Upper MV: 5604'-5998' (56, 0.34" holes) Frac with 73,173# 20/40 mesh BASF

Lower MV: 6044'-6412' (57, 0.34" holes) Frac with 87,727# 20/40 mesh BASF

Upper Mancos: 7204'-7476' (75, 0.34" holes) Frac with 5000# 100 mesh followed w/97,500# 40/70 BASF

Lower Mancos: 7554'-7690' (60, 0.34" holes) Frac with 5000# 100 mesh followed with 102,900# 40/70 BASF

Dakota: 8303'-8441' (90, 0.34" holes) Frac with 3765# 100 mesh BASF followed w/111,415# 40/70 BASF

7 jts 10-3/4", 40.5#, J-55, ST&C @ 321'.

102 jts 7-5/8", 26.4#, J-55, LT&C @ 4077'.

Land well as follows- 2-3/8" EUE 1/2 MS,
1 jt 2 3/8" 4 7# J-55 EUE 8rnd tbg, 1.78"
ID F-nipple, 112 jts 2-3/8" 4.7# J-55 EUE
8rnd tbg & 128 jts 2-3/8" 4 7#, N-80 EUE
8rnd tbg. EOT @ 7707' - 1.78" I.D F-
nipple @ 7674'

Fish in hole -
4-3/4"
Hurricane bit
@ 7901'

CIBP @ 8000'

208 jts 5-1/2",
17#, N-80
LT&C csg set
@ 8463'.

TD @ 8464' MD
TD @ 8073' TVD
PBD @ 8393' MD
PBD @ 8072' TVD

Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	290 sxs	521 cu.ft.	Surface
9-7/8"	7-5/8", 26.4#	680 sxs	1698 cu.ft.	Surface
6-3/4"	5-1/2", 17#	335 sxs	468 cu.ft.	3950' CBL