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In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 23 2009

Bureau of Land Management
Farming on Field Office

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

SUBMIT IN TRIPLICATE

1. Type of Well Oil Well Gas Well ☒ 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 634-4208	7. If Unit or CA, Agreement Designation Rosa Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SURF: 1655' FNL & 1855' FEL BHL 859' FNL & 950' FEL SEC 33 32N 6W	8. Well Name and No. Rosa Unit COM #090C
	9. API Well No. 30-045-34278
	10. Field and Pool, or Exploratory Area BLANCO MV/BASIN DK/BASIN MC
	11. County or Parish, State San Juan, 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
☒ Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	☒ Other <u>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)*

10/3/09 - When we submitted the Spud/Surface Casing Sundry we failed to report status of the test on the casing. The test was GOOD. ✓

10-22-09 - RU BWWC and run CBL, TOC @ 1950'. ✓

10-23-09 - MIRU AWS #753.

10-24-09 - DO float collar and shoe jnt to PBTD @ 8399'. Press tst tapered long string, 5 1/2" 17# N-80 X 4 1/2" 11.6# N-80 csg to 1650 psi, 30 min, no leak off. ✓

10-25-09 - MOL with AWS #753.

10-30-09 - Rigless, Perf Dakota, 8300' - 8392', with 72, 0.34" holes. Frac Dakota with 5051# 100 mesh BASF followed with 85,363# 40/70 BASF. Set CBP @ 7888'. Perf Lower Mancos, 7490'-7730', with 78, 0.34" holes. Frac Lower Mancos with 6045# 100 mesh BASF followed with 99,824# 40/70 BASF. Set CBP @ 7465'. Perf Upper Mancos, 7200'-7440', with 75, 0.34" hole. Frac Upper Mancos with 4993# 100 mesh BASF followed with 117,602# 40/70 BASF. ✓

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

Signed

Larry Higgins

Title Drilling COM Date 11/23/09

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any.

ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE
BY T. Salyers

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.

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Rosa Unit #090C – Page 2

11-4-09 – MIRU AWS #880.

11-6-09 – DO CBP @ 7465'.

11-7-09 – DO CBP @ 7888'.

11-12-09 – Set CBP @ 6575'. Perf Lower Mesaverde, 6014'-6402', with 56, 0.34" holes. .

11-13-09 – Frac Lower Mesaverde with 82,214# 20/40mesh BASF. Set RBP @ 5990'. Perf Upper Mesaverde, 5620'-5904', with 54, 0.34" holes. Frac Upper Mesaverde with 82,775# 20/40 mesh BASF ✓

11-15-09 – Retrieve RBP @ 5990'.

11-18-09 – DO CBP @ 6575'

11-19-09 – FLOW TEST: Duration = 2 hr, Test Method, choke = 1/2", MCF/D = 3717, Csg Psi = 620 lbs , Tbg Psi = 0 psi , Gas Type = wet, Gas Disposition = non flaring

11-21-09 – Land 2 3/8" 4.7# EUE mixed string as follows top down: 2 3/8" tbg hanger, 126 jts N-80, 133 jts J-55, 1.78" F-Npl @ 8262', 1 jt J-55, 1/2 muleshoe @ 8295' ✓

ROSA UNIT COM #90C ✓
BLANCO MV / BASIN MC / BASIN DK

Spud: 10/01/09

Completed: 11/21/09

Surface Location:

1655' FNL and 1855' FEL
SE/4 NE/4 Sec 33 (G), T32N, R06W
San Juan, NM

Bottom Hole Location:

859' FNL and 950' FEL
NE/4 NE/4 Sec 33 (A), T32N, R06W
San Juan, NM

Elevation: 6383' GR

API # 30-045-34278

Top	MD Depth	TVD Depth
Lewis	3856'	3487'
Cliffhouse Ss.	5766'	5393'
Point Lookout	6011'	5638'
Mancos	6499'	6126'
Graneros	8161'	7783'
Dakota	8299'	7913'

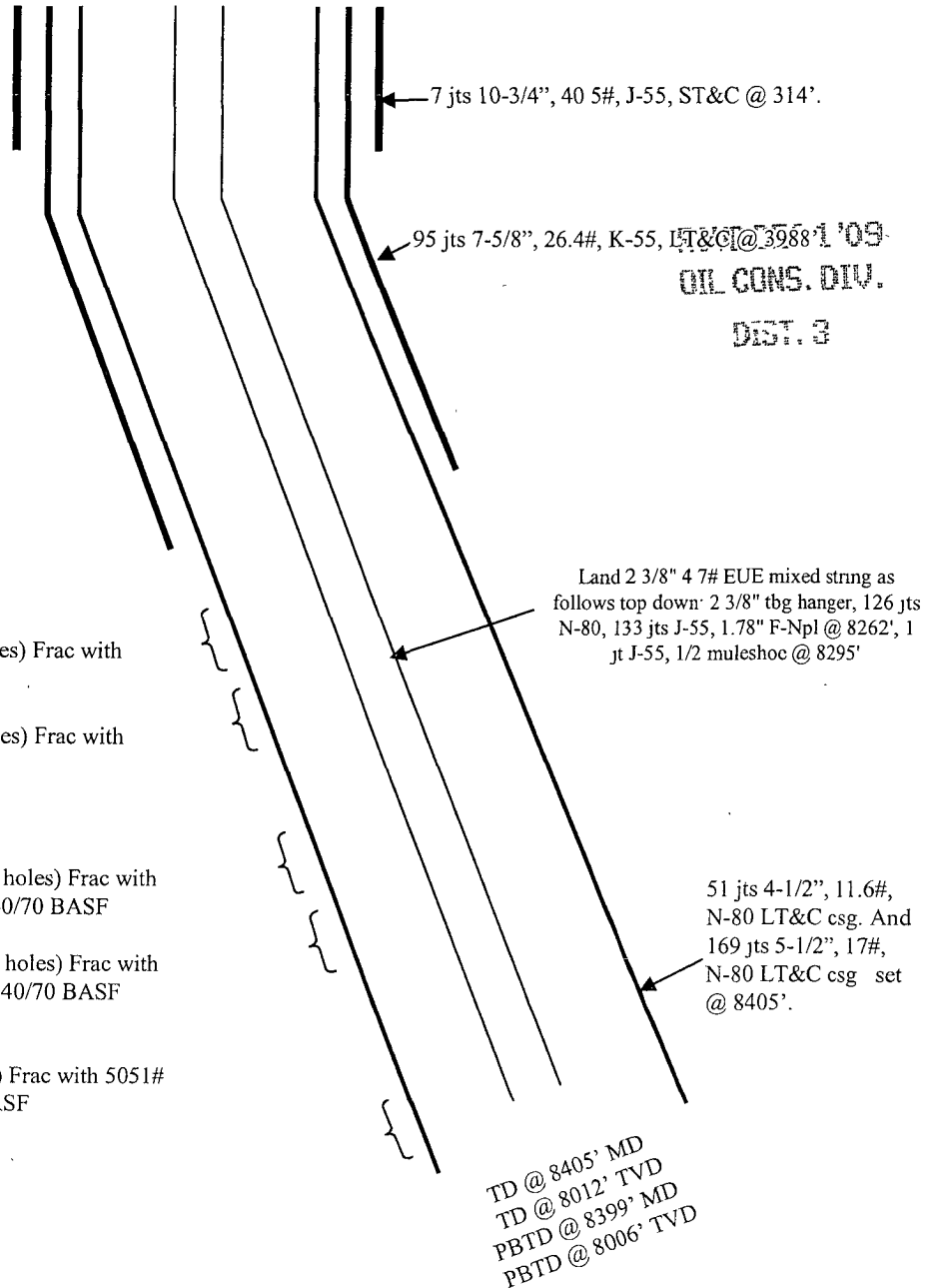
Upper MV: 5620'-5904' (54, 0.34" holes) Frac with
82,775# 20/40 mesh BASF

Lower MV: 6014'-6402' (56, 0.34" holes) Frac with
82,214# 20/40 mesh BASF

Upper Mancos: 7200'-7440' (75, 0.34" holes) Frac with
4993# 100 mesh followed w/117,602# 40/70 BASF

Lower Mancos: 7490'-7730' (78, 0.34" holes) Frac with
6045# 100 mesh followed with 99,824# 40/70 BASF

Dakota: 8300' - 8392' (72, 0.34" holes) Frac with 5051#
100 mesh followed w/85,363# 40/70 BASF



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#	1040 sxs	2502 cu.ft.	Surface
6-3/4"	5-1/2", 17#			
6-3/4"	4-1/2", 11.6#	590 sxs	826 cu.ft.	1950' CBL

Production casing is a mixed string of 51 jts 4-1/2" & 169 jts 5-1/2"