Form 3160 DEPARTMI	ED STATES ENT OF INTERIOR AND MANAGEMENT	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
SUNDRY NOTICE AND Do not use this form for proposals to drill or to deepen	or reenty to a different reservoir. Use "APPLICATION	
TO DRILL" for perm	nit for such proposals 98 OCT 19 Pif	If Indian, Allottee or Tribe Name
SUBMIT IN 1	TRIPLICATE 070 FARMINGTO	If Unit or CA, Agreement Designation ROSA UNIT
1. Type of Well ☐ Oil Well ☐ Gas Well	□ Other	8. Well Name and No. ROSA UNIT #156
Name of Operator WILLIAMS PRODUCTION COMPANY	DECEIVED	9. API Well No. 30-045-
3. Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101	(918) 588-4592 NOV - 5 1998	10. Field and Pool, or Exploratory Area BLANCO MV
 Location of Well (Footage, Sec., T., R., M., 1040' FNL & 960' FEL, NE/4 NE/4 SEC 9-3 		11. County or Parish, State SAN JUAN, NM
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION TYPE O		OF ACTION
□ Notice of Intent	□ Abandonment	☐ Change of Plans
■ Subsequent Report	□ Recompletion □ Plugging Back	☐ New Construction ☐ Non-Routine Fracturing
. □ Final Abandonment	□ Casing Repair	☐ Water Shut-Off
a riiai Adaidoilleilt	□ Altering Casing ■ Other <u>DRILLING OPERATIONS</u>	☐ Conversion to Injection ☐ Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		
9-29-1998 Present Operation: Drilling with bit #1 (12-1/4", HTC, RR) @ 235' Recap: MOL and RU. Drill rat and mouse holes. Spud 12-1/4" surface hole @ 2130 hrs 9-28-1998 with bit #1. Deviation: 1-1/4° @ 235'.		
9-30-1998 Present Operation: Drilling with water and bit #2 (8-3/4", HTC, HP-51X) @ 1030' Recap: Ran 12 joints (511.85') of 9-5/8" 36#, K-55, ST&C casing and set at 526' KB. BJ cemented with 300 sx (360 cu.ft.) of Cl "H" with 2% CaCl2 and 1/4# cello-flake/sk. Displaced plug with 37.5 bbls of water. Plug down at 1100 hrs 9/29/98. Circulated out 24 bbls of cement. WOC. Nipple up BOP'S and pressure test to 1500# - held OK. TIH w/ bit #2 (8-3/4", RTC, HP51X). Drill out cement & shoe jt. Drilling new formation @ report time. Note: BJ Sevices had a shear pin on the bulk truck's PTO break off, had to call for another truck before cement job. Deviation: 1-3/4° @ 968'.		
10-1-1998 Present Operation: Drilling with water and bit #2 (8-3/4", HTC, HP-51X) @ 2828' Recap: Drilling ahead. Deviation: 1° @ 2491'.		
Continued on Reversed Side		
14. I hereby certify that the foregoing is true and	correct	
Signed SUSAN GRIGUHN Space	Title CLERK I	October 15, 1998
(This space for Federal or State office use)		·
Approved by	Title	Date
Conditions of approval, if any:		ACCEPTED FOR HECORD

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.

FARMINGTON DISTRICT OFFICE

10-2-1998 Present Operation: Drilling with mud and bit #3 (8-3/4", HTC, HP-51X) @ 3673'

Recap: Trip for bit #2 (8-3/4", RTC, HP51X) at 3188'. TIH and continue drilling. MW = 9.4, Vis = 45, WL = 7.0.

10-3-1998 Present Operation: LDDP

Recap: TD well with bit #3 (8-3/4", RTC, HP51X) @ 3735'. Circulate & condition hole. Short trip (10 stds). Circulate and wait for logging truck. TOH. RU Halliburton Logging & run IND/GR & DEN/NEUTRON logs. RD Halliburton & TIH. Laying down 4-1/2" DP @ report time. Deviation: 1° @ 3728'. MW = 9.6, Vis = 50, WL = 8.0.

10-4-1998 Present Operation: Drilling with gas and bit #4 (6-1/4", HTC, STR-09) @ 4130'

Recap: LDDP and DC's. Change out rams & RU casing crew. Ran 83 its (3729, 77) of 7", 20#, K-55, ST&C casing and landed at 3735' KB. Float at 3691'. Rig up BJ and precede cement with 10 bbls of water and 10 bbls will selve agendment. Cemented with 440 sx (898 cu.ft.) of Cl "H" 65/35 poz with 10% gel, 2% CaCl2 and 1/4# celloflake/sk. Tailed with 150 sx (218 ch.ft.) of Cl "H" 50/50 poz with 4% gel, 1/4# celloflake/sk, 0.4% FL-52, and 2% CaCl2. Displaced plug with 151 bbls of water. Plug down at 1315 hrs 10/3/05. Circulated out 0 bbls of coment. Note: Had celleflake in last 4-5 bbls of returns. ND BOP. Set slips w/#65,000 and cut off casing. Nipple up BOP's & WOC. Pressure test BOP & casing to 1500# - held OK. TIH w/ bit #4 (6-1/4", HTC, STR09). Drill out cement & float shoe. RU BJ Services & unload & dry hole w/ nitrogen. Well dusting @ 0215 hrs. 10/4/98. Drilling ahead @ report time.

10-5-1998 Present Operation: Drilling with gas and bit #4 (6-1/4", HTC, STR-09) @ 5557'

Recap: Drilling ahead. Deviations: 3-1/2° @ 5000', 3-1/4° @ 5522'.

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10-6-1998 Present Operation: TIH with liner

Recap: TD well with gas and bit #4 (6-1/4, HTC, STR09) at 6174'. Circulate hole and TOH for logs. Halliburton ran IES/ GR and CDL/SNL logs. TIH and LDDP and DC. Rig up casing crew. Start in hole with liner. Deviation: 3° @ 6174'.

10-7-1998 Present Operation: Rig released

Recap: Run 59 jts. (2583.51') of 4-1/2", 10.5#, K-55, ST&C casing and TIW 4-1/2"x7" liner hanger on drill pipe and landed at 6170' KB. Latch collar at 6143' KB and marker joint at 5326' KB. 149' of overlap into 7'. Top of liner at 3587' KB. Rig up BJ. Precede cement w/ 20 bbls of gel and 10 bbls of fresh water. Cement with 80 sx (116 cu.ft.) of Cl "H" 50/50 poz with 4% Bentorite, 0.4% FL52 and 2% CaCl₂. Tailed with 255 sx (370 cu.ft.) of Cl "H" 50/50 poz with 4% Bentonite, 0.4% FL-52, 2% CaCl₂, and 1/4#/sk celloflake. Displaced plug with 67 bbls of water. Plug down at 0900 hrs 10/6/98. Set pack-off and circulate out 18 bbls of cement. Lay down DP and TIW setting tool. ND BOP's. Rig released at 1500 hrs. 10/6/98. Final Report. Moving to Rosa Unit #156A.