

In Lieu of
Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use
"APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. SF-078766
2. Name of Operator WILLIAMS PRODUCTION COMPANY	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. PO BOX 3102 MS 37-4, TULSA, OK 74101 (918) 561-6181	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1565' FSL 1330' FWL, NESW SEC. 18, T31N, R6W	8. Well Name and No. ROSA UNIT #332
	9. API Well No. 3003924929
	10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
	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
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>CONTINUE SHUT-IN STATUS</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)*

Williams Production Company requests continued shut-in status for 6 months on the above referenced Rosa Unit Well. This well was recently acquired from Meridian and the additional time is needed to evaluate it.

THIS APPROVAL EXPIRES **AUG 01 1996**

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

Signed Kris Russell Title Production Analyst Date February 02, 1996

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
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.

*See Instruction on Reverse Side

NMOGD

Therese J. Spence

DATE MAILED 04-17-96

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5. Lease Designation and Serial No.
SF-078766

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
ROSA UNIT #332

9. API Well No.
30-039-24929

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

11. County or Parish, State
RIO ARriba COUNTY, NEW MEXICO

SUBMIT IN TRIPPLICATE

1. Type of Well
Oil Well X Gas Well Other

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.
PO BOX 3102 MS 37-4, TULSA, OK 74101 (918) 588-4592

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1565' FSL & 1330' FWL, NE/4SW/4 SECTION 18-31N-5W
22-31N-6W

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

TYPE OF SUBMISSION

X Notice of Intent

Subsequent Report

Final Abandonment

TYPE OF ACTION

Abandonment
Recompletion
Plugging Back
Casing Repair
Altering Casing

X Other Initial Completion

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.)*

ESTIMATE START DATE: 05-20-96

WILLIAMS PRODUCTION COMPANY TOOK THIS WELL OVER FORM MERIDIAN 12/95. IT WAS DRILLED AND NOT COMPLETED. WILLIAMS PRODUCTION COMPANY PROPOSES TO FRACTURE STIMULATE THE FRUITLAND FORMATION AS PER THE ATTACHED PROCEDURE.

RECEIVED
MAIL ROOM
JUN 22 PM 2:12
U.S. DEPT. OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Signed BOB MC ELHATTAN
Bob McElhattan

Title DIVISION ORDER ANALYST Date April 17, 1996

(This space for Federal or State office use)

Approved by _____ Title _____
Conditions of approval, if any:

Date _____

APPROVED
AS AMENDED

APR 25 1996

DISTRICT MANAGER

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.

3-28-96

WILLIAMS PRODUCTION COMPANY
RECOMPLETION PROGNOSIS
ROSA 332

Purpose: To perforate and complete the Fruitland Coal zone.

1. Spot and fill 2- 400 bbl tanks with 1% KCl water. Do not filter water unless necessary. Filter water to 25 microns if necessary.
2. MIRUSU. Nipple up BOP, blooie line, working valves and 2" relief line. Test BOP.
3. Pickup 2-3/8" tubing w/ 3-7/8" bit. TIH w/tubing and clean out to PBTD @ 3123'.
4. TIH with 4-1/2" Packer on tubing. Set at 2900' and pressure test entire casing to 2000 psi and hold for 15 minutes. Then test to 3300 psi and hold for 15 minutes.
5. TIH with perf isolation tool. Breakdown each set of perforation with 1000 gals 15% HCL acid. Maximum pressure 3300 psi.
Acid to contain 5 GPT of Iron Control, 3 GPT of Corrosion Inhibitor, 2 GPT of surfactant.

Note: Existing perms from 3117'-2950', 176 holes, 0.38", 4 spf. See Data Sheet for depths.

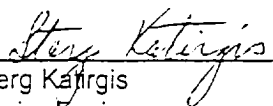
6. TOH w/ tubing. Rig up pump trucks and fracture stimulate the Fruitland Coal with 100,000# 20/40 Arizona sand using a 70 quality foam. Initial injection rate of 40 BPM rate down casing as follows.

<u>STAGE</u>	<u>FLUID (gals)</u>	<u>DOWNHOLE FOAM (gals)</u>	<u>SAND (lbs)</u>
Pad	3,000 gals	10,000 gals	-
1.0 ppg	3,000 gals	10,000 gals	10,000#
1.5 ppg	3,000 gals	10,000 gals	20,000#
2.0 ppg	3,000 gals	10,000 gals	30,000#
2.5 ppg	3,000 gals	10,000 gals	40,000#
Flush	<u>(4,804gals)</u>	<u>-</u>	<u>-</u>
	19,804 gals	50,000 gals	100,000 #

Maximum injection rate = 40BPM or greater at maximum STP =3300 psi.

All frac fluid to contain 20 PPT of Guar Gel, 1 PPT of Breaker, 5 GPT Foaming Agent
SI well and record ISDP and 15 minute shut in pressure if not on vacuum.

7. TIH with bit on tubing and clean out to PBTD @ 3123'. Obtain pitot gauge when possible.
8. TIH w/ 2-3/8", 4.7#, J-55, 8rd, EUE tubing w/ notched collar on bottom and SN 1 joint up. Land tubing at ±3100'. Pump out plug if used and reverse circulate clean. Obtain pitot tube gauge.
9. ND BOP and NU wellhead. Shut well in for buildup.
10. Cleanup location and release rig.


Sterg Katirgis
Senior Engineer

PERTINENT DATA SHEET

WELLNAME: Rosa #332

FIELD: Basin Fruitland Coal

LOCATION: 1565'FSL, 1330'FWL, Sec 18, T31N, R5W

ELEVATION: 6330 GL ID: 3167'

KB: 13'

PBTD: 3167'

COUNTY: Rio Arriba

STATE: New Mexico

DATE COMPLETED: 4/1/91

CASING TYPE	CASING SIZE	HOLE SIZE	WEIGHT & GRADE	DEPTH	CEMENT	TOP
Surface	9-5/8"	12-1/4"	36.00#, K-55	230'	180sx	surface
Intermediate Casing 7"			20.0#, K-55	2929'	620sx	surface
Production Liner	4-1/2"	6-1/4"	10.5#, J-55	2744'-3167'	65sx	2744'

TUBING EQUIPMENT None

WELLHEAD:

Casing Head -NA

Casing Spool - NA

Tubing Head - NA

FORMATION TOPS:

Ojo Alamo	2290'
Kirtland	2400'
Fruitland	2910'
Pictured Cliff	3110'

LOGGING RECORD:

Schlumberger Natural Gamma Ray Spectrometry, Comp. Neutron-Litho Density, Microlog, Coal Log, Cyberlook, Dual Induction-SFL, Basin Cement Bond Log, Rocky Mountain Geo Engineering Co. Mud log.

PERFORATIONS:

Coal: (4spf) 0.38" dia 2950'-53', 2972'-78', 3076'-3104', 3107'-3114'.

STIMULATION:

None

PRODUCTION HISTORY:

Has not produced yet.

WORK OVER HISTORY:

Cavitation unsuccessful.(4/2/91)

DFS 3/5/96

WELLBORE DIAGRAM

ROSA #332

1565' FSL 1330' FWL
22-31N-6W
Rio Arriba Co, NM

Elevation: 6231' GL
KB 12'

9-5/8", 36.0#, K-55 @ 230'
Cmt w/ 180 sx. TOC @ surface
Hole size 12-1/4"

Ojo Alamo @ 2290'
Kirtland @ 2400'
Fruitland @ 2910'
Pictured Cliffs @ 3110'

Top of liner @ 2744'

7", 20#, K-55 @ 2916'.
Cmt w/ 620 sx. TOC @ surface.
Hole size 8-3/4"

Top perf 2950'
Bottom Perf 3117'

4 1/2" 10.5# J-55 Liner @ 3167'
Cmt w/ 65 sx.
Hole 6 1/4"

Perf Fruitland 2950'-3117'
176 Holes 4 spf (.38")

TD 3123'