

DATE MAILED 03-29-96

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 Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	8. Well Name and No. ROSA UNIT #70
2. Name of Operator WILLIAMS PRODUCTION COMPANY	9. API Well No. 30-039-82252
3. Address and Telephone No. PO BOX 3102 MS 37-4, TULSA, OK 74101 (918) 561-6181	10. Field and Pool, or Exploratory Area BASIN DAKOTA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 575' FNL 1300' FWL, NW/4NW/4 SECTION 10-31N-5W	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 checked="" type="checkbox"/> Notice of Intent	Abandonment
<input type="checkbox"/> Subsequent Report	Recompletion
<input type="checkbox"/> Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	<input checked="" type="checkbox"/> Other: ELIMINATE WELLHEAD PRESSURE
	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.)*

WILLIAMS PRODUCTION COMPANY PLANS TO INVESTIGATE AND ELIMINATE BRADENHEAD PRESSURE IN THIS WELL AS PER THE ATTACHED PROCEDURE.

RECEIVED
BIM MAIL ROOM
55 APR - 1 PM 1:44
070 PARRAMOUNT, NM
MAR 2 1996
ON 001-011
MAR 2

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

Signed BOB MC ELHATTAN
Date January 22, 1996

Title: DIVISION ORDER ANALYS

(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

APR 08 1996
for *Sharon S. Spence*
DISTRICT MANAGER

UNMOCD

PROCEDURE
ROSA UNIT #70

Purpose: To eliminate Bradenhead pressure and flow.

1. Notify BLM 24 hours prior to work and prior to running bond logs.
2. Locate and test anchors. Set new anchors if necessary. Dig blow pit and set blow tank.
3. MIRUSU.
4. Blow down well. Kill tubing with 1% KCl water only if necessary. ND wellhead and NU BOP.

**** Note: Tubing size, setting depth and BHA are not known. No record in wellfile! Be careful!

5. TOH with tubing. Visually inspect and replace any bad joints. Order out 2-3/8" work string if needed. Check donut and repair as necessary. Install secondary seals and injection ports in tubing head and stub up 5-1/2" casing if needed.
6. TIH with packer and retrievable BP in tandem on tubing. Set RBP in 5-1/2" casing at $\pm 3650'$. Drop sand on top of RBP. Load hole with water and pressure test RBP and 5-1/2" casing separately to 800 psig.
- 6a. If casing pressure test holds proceed with next step.
- 6b. If pressure test does not hold isolate leak with packer. Review location of leak with engineering and design cement squeeze. After cement squeeze of casing leak shut down rig overnight. Next day open Bradenhead and check for flow. Depending on squeeze, job may be complete.

If there is still Bradenhead flow proceed with next step.

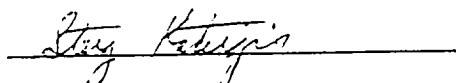
Bleed off pressure between 5-1/2" and 7-5/8" annulus.

7. ND tubing head.
8. Prepare to backoff 5-1/2" production casing. Determine depth to backoff point. Pull enough weight to neutral point. Do not back off deeper than 7-5/8" casing shoe. Using a string shot and spear, backoff 5-1/2" casing. Try and get 2000' out. Replace 5-1/2" casing hanger and replace with positive seal hanger.

9. TOH with 5-1/2" casing. Visually inspect. Repair threads as necessary.
10. ND casing head spool. 7-5/8" casing stub should be looking up.
11. With a spear pull up 7-5/8" casing enough to remove hanger. Replace with positive seal hanger. NU spool.

MODIFY REPLACEMENT TUBING HEAD AND SPOOL WITH SECONDARY SEALS

12. Set 7-5/8" retrievable BP in 7-5/8" casing above 5-1/2" stub. Drop sand on RBP.
13. Using a wireline CBL/CCL locate the cement top behind 7-5/8" casing.
14. Perforate 3 squeeze holes above TOC. Attempt to establish a rate into perfs and circulate water to surface behind 7-5/8".
15. TIH with 7-5/8" packer and tubing to $\pm 150'$ above squeeze holes. Establish circulation to surface with water. Circulate out till clean. Squeeze with 100% excess cement. Type will be dependent on the circumstances and depth. Lead will act as scavenger to clean up mud. Circulate cement to pit. Shut in Bradenhead valve and hesitate last few barrels. Clear packer. Reverse out any cement. SI overnight. With pressure.
16. TOH. TIH with 7-5/8" bit on tubing and clean out cement. Pressure test squeeze to 800 psi. Hold for 15 minutes. Resqueeze if necessary. TOH.
17. TIH and retrieve 7-5/8" RBP. TOH.
18. RIH with 5-1/2" production casing and screw back into 5-1/2" stub.
19. NU tubing head with modified head with seal elements. Energize seal elements. NU BOP.
20. TIH and retrieve 5-1/2" RBP. TOH.
21. TIH with 2-3/8", 4.7#, J-55, 8rd, EUE tubing and land at $\pm 150'$.
22. ND BOP. NU wellhead and pump out plug if used. Shut well in for buildup.
23. Clean up location and release rig.


Sterg Katirgis
Sr. Engineer

WELLBORE DIAGRAM ROSA #70

575' FNL 1300' FWL
10-31N-5W
Rio Arriba, NM

Elevation: 6518' GL
KB 11'

TOPS

Pictured Cliffs	3658'
Mesa Verde	4920'
Greenhorn	7930'
Dakota	8162'

10-3/4", 32.75#, J-55 @ 204'
Cmt w/ 150 sx. TOC @ surface
Hole size 13-5/8"

Tbg information not known!

7 5/8", 26.4#, J-55 @ 3772'
Cmt w/ 200 sx.
Hole size 9-5/8"

Top perf 8166'
Bottom Perf 8178'
BP @ 8189'

5-1/2" 26.4# J-55 @ 8195'
Cmt w/ 260 sx.
Hole size 6 3/4"

4 3/4" open hole 8195'-8330'

TD 8330'

PERTINENT DATA SHEET

WELLNAME: Rosa #70

FIELD: Blanco

LOCATION: 575'FNL, 1300'FWL, Sec 10,T31N,R5W

ELEVATION: 6518 GL TD: 8330'
KB: 11' PBTD: 8189'

COUNTY: Rio Arriba

STATE: New Mexico

DATE COMPLETED: 12/28/65

CASING TYPE	CASING SIZE	HOLE SIZE	WEIGHT & GRADE	DEPTH	CEMENT	TOP
Surface	10-3/4"	13-5/8"	32.75#, J-40	204'	150sx	surface
Intermediate Casing	7-5/8"	9-5/8"	26.4#, J-55	3772'	200sx	NA
Production Liner	5-1/2"	6-3/4"	15.5#, J-55	8195'	260sx	NA

TUBING EQUIPMENT DK: 2-3/8", (Information not available)

WELLHEAD:

Casing Head -NA
Casing Spool - NA

Tubing Head -NA

FORMATION TOPS:

Ojo Alamo	NA	Menefee	NA
Kirtland	NA	Point Lookout	NA
Fruitland	NA	Greenhorn	7930'
Pictured Cliffs	3658'	Graneros	NA
Lewis	NA	Dakota	8162'
Cliff House	4920'	Morrison	not present

LOGGING RECORD: IES, Caliper, Density and Gamma-Ray Induction logs.

PERFORATIONS:

DK: (4spf) 8166'-78',
Open Hole 8195'-8330' abandoned

STIMULATION:

DK: 8166'-78', 500 gal mud acid.
Open hole: 10,000# 40/60# and 30,000# 20/40# in 73,500 gal wtr.

PRODUCTION HISTORY:

IP Test MV: CAOF= 1,500 MCFD. Cumulative = 1,038 MMCF.
Current avg production MV = 142 MCFD.

WORK OVER HISTORY: Set BP @ 8189' (1/9/66)

DFS 3/11/96



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

IN REPLY REFER TO:

**Attachment to Notice of
Intention to Workover**

**Re: Workover
Well: 70 Rosa Unit**

CONDITIONS OF APPROVAL

1. If it is necessary to back off and pull the 5 1/2" casing , the following intervals should be covered with cement in the 7 5/8" annular space.

- A. Pictured Cliffs top at 3223' (upper tongue). -- Cement from 3273' to 3173'.
- B. Fruitland top at 3151'. -- Cement from 3201' to 3101'.
- C. Ojo Alamo (bottom @ 2857', top @ 2739) -- Cement from 2907' to 2689'.
- D. Nacimiento top at 1369' -- Cement from 1419' to 1319'.
- B. Surface casing set at 204'. -- Cement from 254' to surface.