

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

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MAIL ROOM
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SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

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 078773
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 (713) 588-4592	7. If Unit or CA, Agreement Designation ROSA UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1850' FSL & 895' FEL SEC 33, T31N, R05W	8. Well Name and No. ROSA UNIT #77A
	9. API Well No. 30-039-22215 25575
	10. Field and Pool, or Exploratory Area BLANCO MV/BASIN DK
	11. County or Parish, State RIO ARRIBA, NEW MEXICO

1575 1170

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 checked="" 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>COMPLETION OPERATIONS</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.)*

8-19-95 MIRU #22

8-19-95 DO ceemtn PBTB @8210'. Pressure test casing to 300#. RU tree-saver and test casing to 6500#. RU wirline and perforate 1 hole @8199' and 8205'. CBL good across all zones. TOC @3044'.

8-20-95 Release pkr and spot 250 gals 15% HCL @ 8205'. Perforate 2 holes @ 8199' and 8505'.

8-23-95 Set CIBP @ 8175'. Perf Dakota as follows with 3-1/8" casing gun (1spf, .36" EHD): 7995', 8000', 8010', 8045', 8050', 8055', 8060', 8065', 8070', 8075', 8099', 8121'. total of 14 holes.

8-24-95 RU BJ and establish rate w/2% KCI water at 20bpm and 3200psi. ISIP = 1800psi. Acidize w/500 gals 15% HCl and 21 1.38-24-95 S.G. balls. Frac dakota w/20/40gal Nitrogen foam. Established a rate of 30 bpm @ 4300# during a 3600 gallon pad of 60Q,30# XL gel Nitrogen foam. Screened out at 6500 psi, 27 BBLs into flush. Estimate 100,804# 20/40 Ottawa pumped into formation.

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

Signed Bob McElhattan

Title SR PRODUCTION ANALYST

Date October 24, 1995

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____
ACCEPTED FOR RECORD

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

*See Instruction on Reverse Side

BY 145

CONTINUATION OF ROSA UNIT #77A MV/DK (COMPLETION SUNDRY ARTICLE #13

- 8-25-95 Pitot reading at 0300 and 0400 hrs 8/25/95 = 2.75 MMCFD. Started making fluid at 0500. Did not take additional pitot test.
- 8-27-95 Perforate PLO as follows w/ 3-1/8 casing gun (EHD=0.36"): 5793', 5797', 5801', 5803', 5805', 5811', 5817', 5821', 5823', 5837', 5853', 5856', 5859', 5866', 5869', 5873', 5883', 5888', 5904', 5907', 5910', 5921', 5927', 5941', 5944', 5966', 5973', 5997', 6002', 6016'. Total of 30 holes. Dropped 40 balls (1.3 SG) in 1000 gals of 15% Hcl. Had good ball action but incomplete ball-off. Recovered 26 balls w/ 18 hits. RU tree-saver and frac PLO w/ 96,000# 20/40 sand. Tailed in w/ 16,000# resin coated sand (super LC). ATP=2,500 psi, ATR=40 bpm, MTP=4500 psi, MIR=42 bpm. Set Mtn. States RBP @5785'. PT hole to 6500 psi. PT held OK. RU Petro & perf CH/Menefee as follows w/ 3-1/8" casing (0.35" EHD): 5541', 5543', 5545', 5581', 5597', 5599', 5617', 5619', 5621', 5623', 5635', 5639', 5644', 5667', 5673', 5679', 5691', 5695', 5697', 5705', 5723', 5727', 5731', 5750', 5772'. Total of 25 holes. Dropped 45 balls (1.3 SG) in 1000 gal of 15% HCl.
- 8-28-95 Foam frac CH/MEN. Established a rate of 35 bpm @ 2500# during a 2,730 gal pad of 65 Q foam and 20# linear gel. ATP 4000 psi, ATR=32 bpm, MTP=6500 psi, MTR=36 bpm. Well screened out w/ 80 bbls gone on flush. Pumped 82,000# 20/40 sand into formation.
- 9-01-95 1100 hrs pitot = 842 MCFD, 1130 hrs pitot = 813 MCFD, 1200 hrs pitot. Latch onto plug and release. TOOH w/ tbg and plug.
- 9-02-95 Flow to pit with drill gas obtain pitot tests at 2000 hrs and 0300 hrs = 1.9 MCF/D.
- 9-05-95 Obtained pitot guages when flowing thru 2". Well has stabilized at 2.9 MMCFD.
- 9-06-95 Set packer @ 6100' KB.
- 9-07-95 Dakota: Ran 244 jts (8077.27') of 1-1/2", 2.9#, J-55, EUE tubing as follows: 1/2 mule shoe on bottom, SN (1.375" ID @ 8057') on top of bottom jt, 59 jts of tail pipe, 5 seal units, 183 jts of tubing, 2 pups and one full jt on top. Landed at 8089' KB.
- Mesa Verde: Run 184 jts (5991') of 1-1/4", 2.33#, J-55, IJ tubing as follows: orange peeled perf nipple on bottom, SN (1.065" ID @ 5959") on top of bottom jt and 183 jts of tubing. Landed at 6003' KB