

District I - (505) 393-6161  
 1625 N. French Dr  
 Hobbs, NM 88241-1950  
 District II - (505) 748-1283  
 911 S. First  
 Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Road  
 Aztec, NM 87410  
 District IV - (505) 827-7131

New Mexico  
 Energy Minerals and Natural Resources Department

1402 Form C-142  
 Date 06/99

Oil Conservation Division

2040 South Pacheco Street  
 Santa Fe, New Mexico 87505  
 (505) 827-7131

SUBMIT ORIGINAL  
 PLUS 2 COPIES  
 TO THE SANTA FE  
 OFFICE

RECEIVED  
 NOV 15 1999

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address Williams Production Company P.O. Box 3102 Tulsa, OK 74101						OGRID Number 120782		
Contact Party Kristine Russell						Phone 918-573-6181		
Property Name Rosa Unit Com				Well Number #60		API Number 30-045-29798		
UL L	Section 4	Township 31N	Range 6W	Feet From The 1850'	North/South Line FSL	Feet From The 1185'	East/West Line FWL	County San Juan

II. Date/Time Information

Spud Date 9/15/99	Spud Time 1700	Date Completed 10/15/99	Pool 72319
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- III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.  
 IV. Attach a list of all working interest owners with their percentage interests.  
 V. AFFIDAVIT:

State of Oklahoma )  
 ) ss.  
 County of Tulsa )

Kristine Russell, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature Kristine Russell Title Production Analyst Date 11/9/99

SUBSCRIBED AND SWORN TO before me this 9th day of November, 1999.

Shirley L. Davis  
 Notary Public

My Commission expires: 10-10-2001

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark Kelly</u>	Title <u>P.E. Spee</u>	Date <u>DEC 14 1999</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 12/14/99

NOTICE: The operator must notify all working interest owners of this New Well certification.

PVZV2007232629

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

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.

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PLM

070 F. HAMILTON, NM

5. Lease Designation and Serial No.  
SF-078772

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPPLICATE

7. If Unit or CA, Agreement Designation  
ROSA UNIT

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
ROSA UNIT COM #60

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

9. API Well No.  
30-039-29798

3. Address and Telephone No.  
PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254

10. Field and Pool, or Exploratory Area  
BLANCO MESA VERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1850' FSL & 1185' FWL, NW/4 SW/4 SEC 4-31N-6W

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 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>DRILLING 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.)\*

9-16-1999 MOL and RU. Drill rat and mouse holes. Spud surface hole at 1700 hrs. 9/15/99. TD surface hole with bit #1 (12-1/4", SEC, 535J) at 300'. Circulate and TOH. Ran 6 joints (272.57') of 9-5/8" 36#, K-55, ST&C casing and set at 286' KB. BJ cemented with 150 sx (208 cu.ft.) of Type III Premium Lite w/ 2% CaCl<sub>2</sub> and 1/4# cello-flake/sk. Displaced plug with 20 bbls of water. Plug down at 0330 hrs 9/16/99. Circulated out 8 bbls of cement. WOC. Nipple up BOP'S

9-17-1999 WOC. NU BOP & pressure test to 1500# - held OK. TIH w/ bit #2 (8-3/4", RTC, EHP51H). Tag up on cement. Break circulation & drill out cement. Continue drilling new formation

9-18-1999 TFB #2 @ 2729'. TIH w/ bit #3 (8-3/4", RTC, EHP51H). Wash & ream to bottom

9-19-1999 Drilling ahead w/ bit #3 (8-3/4", RTC, EHP51H)

9-20-1999 TD 8-3/4" hole w/ bit #3 (8-3/4", RTC, EHP51H) @ 3731'. Circulate & TOOH. TIH w/ bit #4 (8-3/4", RTC, EHP) & wash & ream to bottom. TOOH. RU loggers & run DEN/NEUT & IND/GR logs. TIH & break circulation. Circulate hole clean. TOOH (LDDP & DC's)

Continued on reverse side

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

Signed Tracy Ross  
Tracy Ross

Title Production Analyst

Date September 28, 1999

(This space for Federal or State office use)

ACCEPTED FOR RECORD

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date OCT 01 1999

Conditions of approval, if any:

9-21-1999 TIH and LDDP and DC's. Change out rams & RU casing crew. Ran 86 jts. (3726.03') of 7", 20#, K-55, ST&C casing and landed at 3748' KB. Float at 3704'. Rig up BJ and precede cement with 10 bbls of water and 10 bbls of scavenger cement. Cemented with 400 sx (835 cu.ft.) of Type III 65/35 poz with 8% gel, 1% CaCl<sub>2</sub> and 1/4# celloflake/sk. Tailed with 200 sx (275 cu.ft.) of Type III with 1/4# celloflake/sk and 1% CaCl<sub>2</sub>. Displaced plug with 149 bbls of water. Plug down at 1430 hrs 9/20/99. Circulated out 10 bbls of cement. WOC. Nipple up BOP's and blooie line. Pressure test BOPs and casing to 1500# - held OK. TIH drilled cement with water and bit #5 (6-1/4", Var, T0035A). Unload hole with nitrogen. Wait on gas pressure

9-22-1999 Wait on gas pressure. Continue drilling ahead w/ bit #5 (6-1/4", Var, T0035A)

9-23-1999 TD well w/ bit # #5 (6-1/4", Var, T0035A) @ 6205'. Circulate. TOOH for logs

9-24-1999 Halliburton ran IND/GR and DEN/NEU logs. RD Halliburton. RU casing crew and run 58 jts. (2618.75') 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 6212' KB. Latch collar at 6192' KB and marker joint at 5273' KB. Top of liner @ 3595' - 152' of overlap into 7". Rig up BJ. Precede cement w/ 20 bbls of gel. Cement with 80 sx (170 cu.ft.) of Type III 65/35 poz w/ 6% Gel, 0.5% FL52 & 1% CaCl<sub>2</sub>. Tailed with 135 sx (273 cu.ft.) of Type III 65/35 poz with 6% Gel, 0.5% FL-52, 1% CaCl<sub>2</sub>, 4% Phenoseal, and 1/4#/sk. cello-flake. Displaced plug with 68 bbls of water. Plug down at 2100 hrs 9/23/99. Set pack-off and circulate out 20 bbls of cement. Lay down DP and TIW setting tool. ND BOP's. Rig released at 0400 hrs 9/24/99

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN  
DUPLICATE

RECEIVED  
(See other instructions on  
reverse side)  
BETT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG **09 OCT 25 PM 1:10**

1a. TYPE OF WELL:  OIL WELL  GAS WELL  DRY  OTHER 070 FARMINGTON, NM  
 b. TYPE OF COMPLETION:  
 NEW WELL  WORKOVER  DEEPEN  PLUG BACK  DIFF.RESVR.  OTHER

2. NAME OF OPERATOR  
**WILLIAMS PRODUCTION COMPANY**

3. ADDRESS AND TELEPHONE NO.  
**P.O. BOX 3102 MS 37-2 TULSA, OK 74101 (918) 573-6254**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At Surface: 1850' FSL & 1185' FWL  
 At top production interval reported below :  
 At total depth:  
 10. FIELD AND POOL, OR WILDCAT  
**BLANCO MV**  
 11. SEC., T.R.M., OR BLOCK AND SURVEY OR AREA  
**NW/4 SW/4 SEC 04-31N-6W**

14. PERMIT NO. DATE ISSUED  
 12. COUNTY OR SAN JUAN 13. STATE NEW MEXICO

15. DATE SPUDDED 09/15/1999 16. DATE T.D. REACHED 09/23/1999 17. DATE COMPLETED (READY TO PRODUCE) 10-15-1999 18. ELEVATIONS (DK, RKB, RT, GR, ETC.)\* 6490' GR 19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6213' MD 21. PLUG. BACK T.D., MD & TVD 6192' MD 22. IF MULTICOMP., HOW MANY 23. INTERVALS DRILLED BY ROTARY TOOLS x CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
**BLANCO MV 4532' - 6142'** 25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**IND/GR & DEN/NEU** 27. WAS WELL CORED NO

28. CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE.	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8" K-55	36#	286'	12-1/4"	150 SX - SURFACE	
7" K-55	20#	3748'	8-3/4"	600 SX - SURFACE	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3595'	6212'	215 SX		2-3/8"	6096'	

31. PERFORATION RECORD (Interval, size, and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<i>Lewis/CH/Upper Menefee:</i> 4532', 37', 4712', 16', 23', 27', 33', 4826', 66', 70', 5239', 55', 5344', 63', 5432', 72', 76', 5506', 10', 22', 33', 36', 41', 44', 52', 54', 55', 58', 66', 72', 81', 5611', 15', 18', 35', 47', 51', 55', 63', 81', 84', 88' and 91'. Total of 43 (0.38") holes	
4532'- 5691'	80,000# 20/40 Sand in 1868 BBls slick water
5718'- 6142'	80,000# 20/40 Sand in 1734 BBls slick water
<i>Lower Menefee/Point Lookout:</i> 5718', 22', 44', 48', 57', 61', 65', 73', 79', 82', 86', 89', 92', 97', 5803', 06', 23', 29', 32', 35', 42', 50', 53', 56', 5905', 16', 85', 89', 6003', 09', 6060', 6138' and 42'. Total of 33 (0.38") holes	

33. PRODUCTION

DATE OF FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)	WELL STATUS (PRODUCING OR SI)					
	Flowing	SI waiting on pipeline					
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
10/17/99	3 hr	3/4"			3669		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
SITP - 618	SICP - 897						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD TEST WITNESSED BY: CHIK CHARLEY

35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Tracy Ross TITLE Production Analyst DATE October 19, 1999

ACCEPTED FOR RECORD

OCT 25 1999

FARMINGTON FIELD OFFICE  
BY [Signature]

OPERATOR

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	TOP		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
OJO ALAMO	2420'	2552'						
KIRTLAND	2552'	3050'						
FRUITLAND	3050'	3254'						
PICTURED CLIFFS	3254'	3660'						
LEWIS	3660'	5470'						
CLIFF HOUSE	5470'	5580'						
MENEFEE	5580'	5756'						
POINT LOOKOUT	5756'							

WORKING INTEREST OWNERS

ROSA UNIT  
COM #60

WI

McHugh Companies  
650 South Cherry Street, Suite 1225  
Denver, CO 80222

0.126258

Coastal Oil & Gas Corporation  
Attn: Bart Valls  
P O Box 719  
Bellaire, TX 77402-0719

26.429207

T. H. McElvain Oil & Gas, LP  
P. O. Box 2148  
Santa Fe, NM 87504-2148

0.241038

George B. Broome  
P O Box 2148  
Santa Fe, NM 78028-2148

0.063129

James M. Raymond, Attorney-in-Fact  
For Charles W. Gay & Lorryn Gay Hacker  
P. O. Box 1445  
Kerrville, TX 78028-1445

0.009565

James M. Raymond, Trustee of the  
Maydell Miller Mast Trust  
P. O. Box 1445  
Kerrville, TX 78028-1445

0.009565

Amoco Production Company  
Attn: Hilary Searles  
P. O. Box 800  
Denver, CO 80201

non-consent

James B. Fullerton  
1645 Court Place, #406  
Denver, CO 80202

0.189387

James W. Raymond  
P.O. Box 1445  
Kerrville, TX 7802801445

0.095650

Williams Production Company  
P.O. Box 3102  
Tulsa, OK 74101

72.836201

100%