

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT IN
DUPLICATE

(See other instructions on
reverse side)

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

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5. LEASE DESIGNATION AND LEASE NO.
NMSF078766

6. IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG **Farmington, NM**

1a. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____

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 25-1 TULSA, OK 74101 (918) 573-6254

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 1675' FNL & 1700' FWL
At top production interval reported below:
At total depth: 615' FNL & 763' FWL NW/4 NW/4 SEC 21-31N-6W

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #32C

9. API WELL NO.
30-039-27240

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SE/4 NW/4 SEC 21-31N-6W

14. PERMIT NO.
DATE ISSUED
18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6331' GR

12. COUNTY OR
RIO ARriba

13. STATE
NEW MEXICO

15. DATE
SPUDDED
09/21/2002

16. DATE T.D.
REACHED
10/18/2002

17. DATE COMPLETED (READY TO PRODUCE)
11/25/2002

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
8355' MD

21. PLUG, BACK T.D., MD & TVD
8341' MD

22. IF MULTICOMP.,
HOW MANY
2

23. INTERVALS
DRILLED BY

ROTARY TOOLS
x

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BLANCO MV 5380' - 6276'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
IND/GR & DEN/NEU/TEMP

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
10-3/4" K-55	40.5#	529'	14-3/4"	450 SX - SURFACE	
7-5/8" J-55	26.4#	4111'	9-7/8"	975 SX - SURFACE	
5-1/2" N-80	17#	8190'	6-3/4"	260 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
3-1/2"	8086'	8353'	50 SX		2-1-16"	6269'	6390'

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

CH/Menefee: 5380', 89', 5410', 18', 29', 49', 63', 68', 97', 5517', 25', 5610', 38', 47', 85', 93', 5701', 26', 41', 44', 75', 78', 5852', 61', 64', 5905', 10', 50', 57' and 62'. Total of 30 (0.33") holes
Point Lookout: 5993', 6001', 07', 12', 17', 24', 27', 30', 41', 49', 64', 72', 95', 6102', 05', 12', 34', 37', 60', 64', 77', 82', 88', 6237', 55' and 76'. Total of 26 (0.33") holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5380' - 5962'	81,200# 20/40 Sand in 1878 bbls slick water
5993' - 6276'	80,000# 20/40 Sand in 1950 bbls slick water

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) SI waiting on pipeline	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
10/27/02	3 hr	3/4"	3 hrs		301		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
180	725				2,410		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD

TEST WITNESSED BY

35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM

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 December 2, 2002

ACCEPTED FOR RECORD

DEC 10 2002

FARMINGTON FIELD OFFICE

NMOC

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
					FRUITLAND	3335'	
					PICTURED CLIFFS	3501'	
					LEWIS	3809'	
					CLIFFHOUSE	5681'	
					MENEFEE	5746'	
					POINT LOOKOUT	5990'	
					MANCOS	6423'	
					DAKOTA	8204'	