

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

(See other instructions on
reverse side)

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

5. LEASE DESIGNATION AND LEASE NO.
SF-078773

6. IF INDIAN ALLOTTEE OR
RECEIVED

7. UNIT AGREEMENT NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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: 940' FNL & 2255' FEL
At top production interval reported below:
At total depth: 1511' FNL & 2268' FEL

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #147B

9. API WELL NO.
30-039-26960

10. FIELD AND POOL, OR WILDCAT
BASIN DAKOTA

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SW/4 NE/4 SEC 33-31N-5W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
RIO ARriba

13. STATE
NEW MEXICO

15. DATE
SPUDDED
06/04/2004

16. DATE T.D.
REACHED
07/06/2004

17. DATE COMPLETED (READY TO PRODUCE)
08/31/2004

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6513' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
8271' MD

21. PLUG, BACK T.D., MD & TVD
8191' 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)*
BASIN DAKOTA 8059' - 8198'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
TMDL, GR, CCL & CBL

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", J-55	40.5#	389'	14 3/4"	340 SX - SURFACE	
7 1/2", J-55	26.4#	3935'	9 3/4"	1025 SX - SURFACE	
5 1/2", N-80	17#	6828' 48	6 3/4"	200 SX - 5916'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
3 1/2", 9.3#, J-55	6710'	8271'	435 SX		2-1/16", J-55, 3.3#	8072'	6200'

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

Upper DK: 8059', 65', 73', 8108', 11', 20' & 24'. Total of 21, 0.29" holes
Lower DK: 8165', 69', 75', 86', 90', 94' & 98'. Total of 21, 0.36" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8059' - 8198'	Fraced w/ 69,000# 20/40 Econoprop sand carried in a 60Q XL foam. Total FW = 610 bbls

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
		Flowing				GSI	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
09/23/04		3/4"	3 hrs.		390		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
235	920						

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

ACCEPTED FOR RECORD

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

OCT 05 2004
FARMINGTON FIELD OFFICE
BY 96

SIGNED

Tracy Ross

TITLE Sr. Production Analyst

DATE September 29, 2004

NMOCD

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and comments 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
PICTURED CLIFFS	3443'	3719'						
LEWIS	3719'	5626'						
CLIFFHOUSE	5626'	5676'						
MENEFEE	5676'	5861'						
POINT LOOKOUT	5861'	7156'						
GALLUP	7156'	8056'						
DAKOTA	8056'							