

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

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

(See other instructions on
reverse side)

2005 OCT 7 11 12 34

5. LEASE DESIGNATION AND LEASE NO.
NMSF-078773

6. IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED
OCT 7 11 12 34
FARMINGTON

7. UNIT AGREEMENT NAME

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

b. TYPE OF COMPLETION:
☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESYR. ☐ 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

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #188B

9. API WELL NO.
30-039-27605

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At Surface: 2000' FNL & 1140' FWL
At top production interval reported below:
At total depth:

10. FIELD AND POOL, OR WILDCAT
BLANCO MESAVERDE

11. SEC., T.R.M., OR BLOCK AND
SURVEY OR AREA
SW/4 NW/4 SEC 34-31N-SW

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR

13. STATE

RIO ARRIBA

NEW MEXICO

15. DATE
SPUDDED
08/02/05

16. DATE T.D.
REACHED
08/18/05

17. DATE COMPLETED (READY TO PRODUCE)
09/26/05

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)
6742' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6491' MD

21. PLUG, BACK T.D., MD & TVD
6469'

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 MESAVERDE 5549' - 6295'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

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#	334'	12 1/4"	155 SX - SURFACE	
7", K-55	23#	4101'	8 3/4"	565 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2", 10.5# J-55	3893'	6489'	190 SX

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8", J-55, 4.7#	6275'	

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

CH/MEN: 5549', 53', 66', 77', 86', 94', 5606', 15', 26', 38', 50', 62', 72', 82', 86', 92', 5701', 13', 27', 36', 43', 51', 62', 68', 74', 86', 94', 5800', 07', 19', 30', 33', 36', 38', 53', 70', 82', 93', 5908', 12', 16' & 20'. Total of 42, 0.38" holes
P.L.O.: 5981', 86', 91', 96', 6001', 06', 15', 22', 27', 32', 37', 42', 46', 50', 54', 59', 67', 72', 77', 88', 6100', 06', 11', 15', 20', 24', 30', 34', 39', 52', 56', 60', 76', 87', 90', 6200', 05', 18', 24', 33', 44', 48', 53', 59', 64', 69', 76', 80' & 95'. Total of 51, 0.38" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5549' - 5920'	Fraced w/ 9400# 14/30 Lite Prop 125 followed by 4200# Brady sand in 2082 bbls water
5981' - 6295'	Fraced w/ 9400# 14/30 Lite Prop 125 followed by 3800# Brady sand in 1900 bbls water

33. PRODUCTION

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

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

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 Inacy Ross

TITLE Sr. Production Analyst DATE October 6, 2005

ACCEPTED FOR RECORD

TEST WITNESSED BY:

OCT 13 2005

FARMINGTON FIELD OFFICE
BY JB

NMOCD

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		TRUE VERTICAL DEPTH
					NAME	MEASURED DEPTH	
					Pictured Cliffs	3646'	
					Lewis	3950'	
					Cliffhouse	5767'	
					Menefee	5812'	
					Point Lookout	5974'	