

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-078769

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

NMNM78407 *AD*

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #363A

9. API WELL NO.
30-039-29527

10. FIELD AND POOL, OR WILDCAT
BASIN FRUITLAND COAL

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
NE/4 SE/4 SEC 17-31N-5W

12. COUNTY OR
RIO ARriba

13. STATE
NEW MEXICO

19. ELEVATION CASINGHEAD

ROTARY TOOLS
X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE
YES

27. WAS WELL CORED
NO

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: 2620' FSL & 600' FEL
At top production interval reported below :
At total depth: 1661' FSL & 661' FEL

15. DATE
SPUDED
07/15/05

16. DATE T.D.
REACHED
11/11/05

17. DATE COMPLETED (READY TO PRODUCE)
12/16/05

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6322' GR

20. TOTAL DEPTH, MD & TVD
3488' MD

21. PLUG, BACK T.D., MD & TVD

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)*

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" J-55	36#	336'	12-1/4"	160 SX - SURFACE	
7" N-80	23#	3233'	8-3/4"	500 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8", 6.5#, J-55	3223'	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	WELL WAS NOT ACIDIZED OR FRACED

-The APD was approved to run a 5 1/2" liner. This office has no record, written or verbal, approving a casing change. Prior approval is required to alter the casing configuration. This is a violation of 43 CFR 3162.3. If such violations occur in the future, a penalty may be issued.

33. PRODUCTION

DATE OF FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing	WELL STATUS (PRODUCING OR SI) Producing
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DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
12/18/05	3 hr	3/4"			473		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
285	890				0		

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

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 Inacy Ross TITLE Sr. Production Analyst DATE February 22, 2006

NMOC

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; core 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	2658'	2459'
						KIRTLAND	2774'	2569'
						FRUITLAND	3157'	2944'
						BASE OF COAL	3373'	3159'

**ROSA UNIT #363A
BASIN FRUITLAND COAL**

Surface Location:

2620' FSL and 600' FEL
NE/4 SE/4 Sec 17(I), T31N, R05W
Rio Arriba, NM

Spud: 07/15/05

Completed: 12/16/05

1st Delivered: 12/21/05

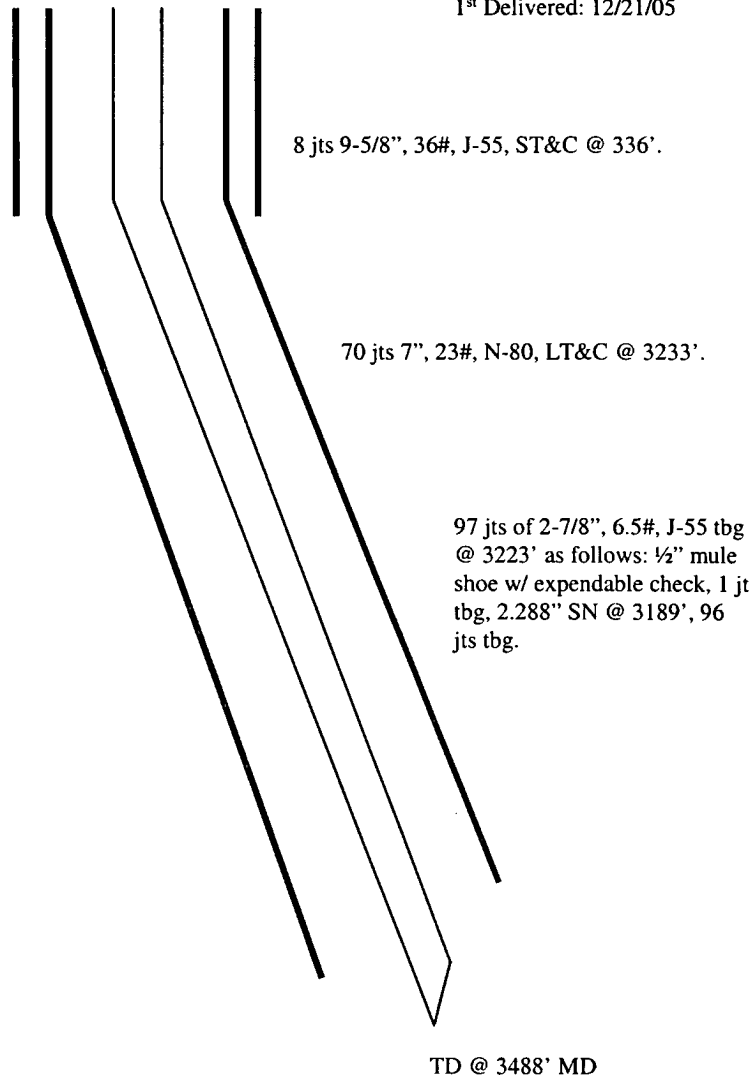
Bottom Hole Location:

1661' FSL and 661' FEL
NE/4 SE/4 Sec 17(I), T31N, R05W
Rio Arriba, NM

Elevation: 6322' GR

API # 30-039-29527

Top	MD Depth	TVD Depth
Ojo Alamo	2658'	2459'
Kirtland	2774'	2569'
Fruitland	3157'	2944'
Base of Coal	3373'	3159'
Pictured Cliffs	3373'	3159'



Open hole from 6-1/4" to 9-1/2"
from 3240' to 3488'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	160 sx	224 cu. ft.	Surface
8-3/4"	7", 23#	550 sx	1020 cu. ft.	Surface