

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.
NMSF-078767
6. IF INDIAN, ALLOTTEE OR

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: 2165' FNL & 1815' FEL
At top production interval reported below :
At total depth: 1308' FNL & 2642' FEL

7. UNIT AGREEMENT NAME

NMNM 78407D

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #228A

9. API WELL NO.
30-039-29528

10. FIELD AND POOL, OR WILDCAT
BASIN FRUITLAND COAL

11. SEC., T.R.M., OR BLOCK AND
SURVEY OR AREA
SW/4 NE/4 SEC 7-31N-5W

12. COUNTY OR
RIO ARriba
13. STATE
NEW MEXICO

19. ELEVATION CASINGHEAD

15. DATE
SPUDDED
07/07/05
16. DATE T.D.
REACHED
08/12/05
17. DATE COMPLETED (READY TO PRODUCE)
09/20/05

20. TOTAL DEPTH, MD & TVD
3553' MD
21. PLUG, BACK T.D., MD & TVD

14. PERMIT NO.
DATE ISSUED
6263' GR

22. IF MULTICOMP.
HOW MANY
23. INTERVALS
DRIILLED BY

ROTARY TOOLS
x
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BASIN FRUITLAND COAL 3265' - 3458'

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"	166 SX - SURFACE	
7" K-55	20#	3248'	8-3/4"	550 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2", 17#, N-80	3167'	3543'	0 SX		2-7/8", 6.5#, J-55	3475'	

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

Basin Fruitland Coal: 3265'-75' (40 holes), 3312'-3332' (80 holes), 3344-54' (40 holes), 3422'-47' (100 holes) & 3448'-58' (40 holes). 300 total holes

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

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

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) Producing	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11/30/03		3/4"	3 hrs		335		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
200	990						

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, WELLBORE DIAGRAM

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

SIGNED Judy Ross TITLE Production Analyst

DATE February 27, 2006 FARMINGTON FIELD OFFICE

MAR 03 2006

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	
					OJO ALAMO	2649'	2350'
					KIRTLAND	2775'	2465'
					FRUITLAND	3169'	2875'
					PICTURED CLIFFS	3440'	3115'

**ROSA UNIT #228A
BASIN FRUITLAND COAL**

Surface Location:

2165' FNL and 1815' FEL
SW/4 NE/4 Sec 07(G), T31N, R05W
Rio Arriba, NM

Spud: 07/07/05

Completed: 09/20/05

1st Delivered: 09/26/05

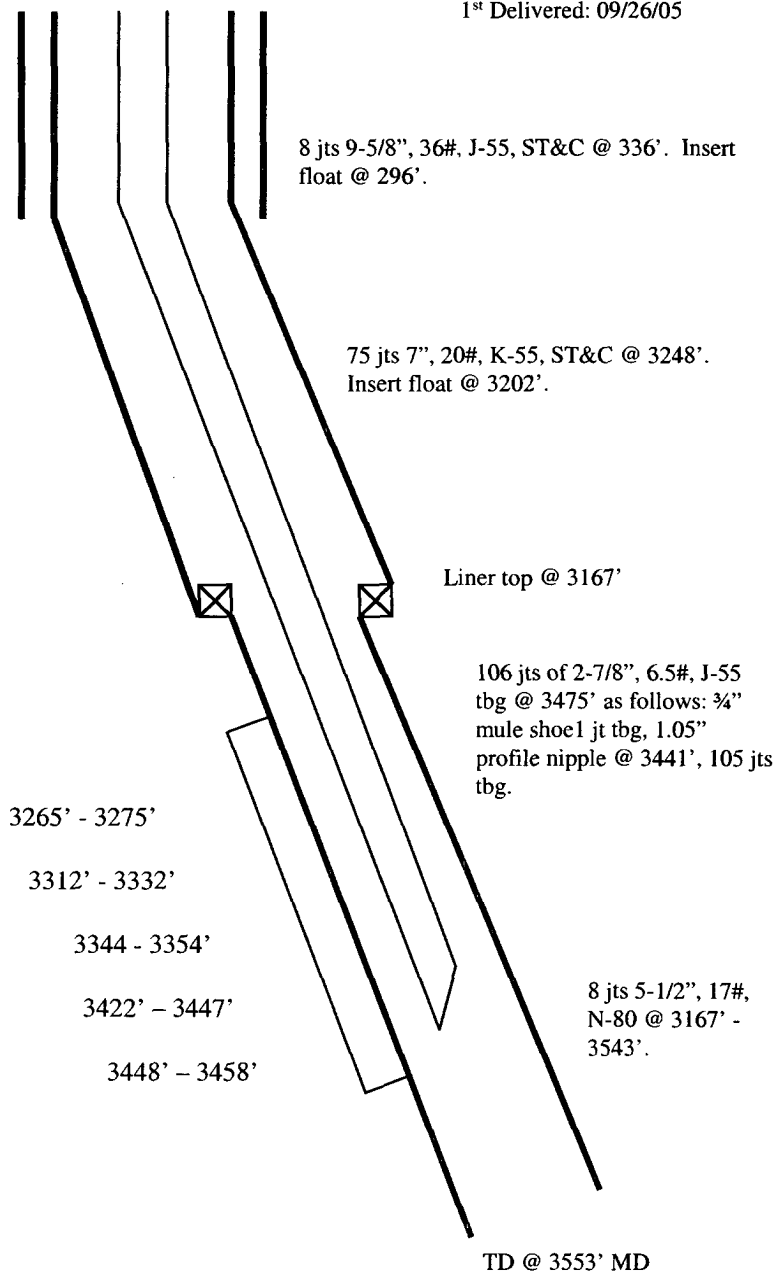
Bottom Hole Location:

1308' FNL and 2642' FEL
NW/4 NE/4 Sec 07(C), T31N, R05W
Rio Arriba, NM

Elevation: 6263' GR

API # 30-039-29528

Top	MD Depth	TVD Depth
Ojo Alamo	2649'	2350'
Kirtland	2775'	2465'
Fruitland	3169'	2875'
Pictured Cliffs	3440'	3115'



300 holes total

Open hole from 6-1/4" to 9-1/2"
from 3257' to 3553'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	166 sx	234 cu. ft.	Surface
8-3/4"	7", 20#	550 sx	1125 cu. ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		

