

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-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 37-2 TULSA, OK 74101 (918) 573-6254

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At Surface: 1025' FSL & 790' FEL
At top production interval reported below :
At total depth:

7. UNIT AGREEMENT NAME
ROSA UNIT

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #163A

9. API WELL NO.
30-039-26336

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SW/4 SE/4 SEC 24-31N-6W

12. COUNTY OR
RIO ARRIBA

13. STATE
NEW MEXICO

19. ELEVATION CASINGHEAD

15. DATE
SPUDDED
05/19/2000

16. DATE T.D.
REACHED
05/27/2000

17. DATE COMPLETED (READY TO PRODUCE)
06/30/2000

14. PERMIT NO.
DATE ISSUED
AUG 2000

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6064' GR

20. TOTAL DEPTH, MD & TVD
6065' MD

21. PLUG, BACK T.D., MD & TVD
5950' 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)*
BLANCO MV 4449' - 5871'

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
9-5/8" K-55	36#	294'	12-1/4"	130 SX - SURFACE	
7" K-55	20#	3939'	8-3/4"	585 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3535'	6065'	255 SX		2-3/8"	5847'	

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

CH/Menefee: 4449', 52', 4583', 89', 93', 97', 4752', 55', 5146', 49', 5380', 82', 5433', 37', 39', 5444', 46', 50', 58', 61', 74', 97', 5500', 17', 83', 5606' and 16'.
Total of 27 (0.38") holes
Point Lookout: 5635', 37', 40', 44', 46', 49', 54', 57', 59', 62', 66', 74', 79', 82', 85', 87', 92', 96', 5700', 05', 10', 12', 15', 19', 21', 26', 34', 52', 66', 69', 5852', 55' and 71'. Total of 33 (0.38") holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4449'- 5616'	80,000# 20/40 Sand in 1916 BBIs slick water
5635'- 5871'	80,000# 20/40 Sand in 1921 BBIs 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
7/03/00	3 hr	3/4"			407		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
245	840				3,258		

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 Inacy Ross TITLE Production Analyst DATE July 12, 2000

ACCEPTED FOR RECORD

AUG 14 2000

FARMINGTON FIELD OFFICE
BY [Signature]

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		
FRUITLAND	2650'	3170'							
PICTURED CLIFFS	3170'	3570'							
LEWIS	3570'	5379'							
CLIFF HOUSE	5379'	5408'							
MENEFEE	5408'	5634'							
POINT LOOKOUT	5634'								

ROSA UNIT #163A
BLANCO MESAVERDE

Location:

1025' FSL and 790' FEL
SW/4 SE/4 Sec 24(O), T31N R06W
Rio Arriba, New Mexico
Elevation: 6064' GR

Spud date: 5/19/00

Completed: 6/30/00

Top Depth

Pictured Cliffs 3170'

Lewis 3570'

CliffHouse 5379'

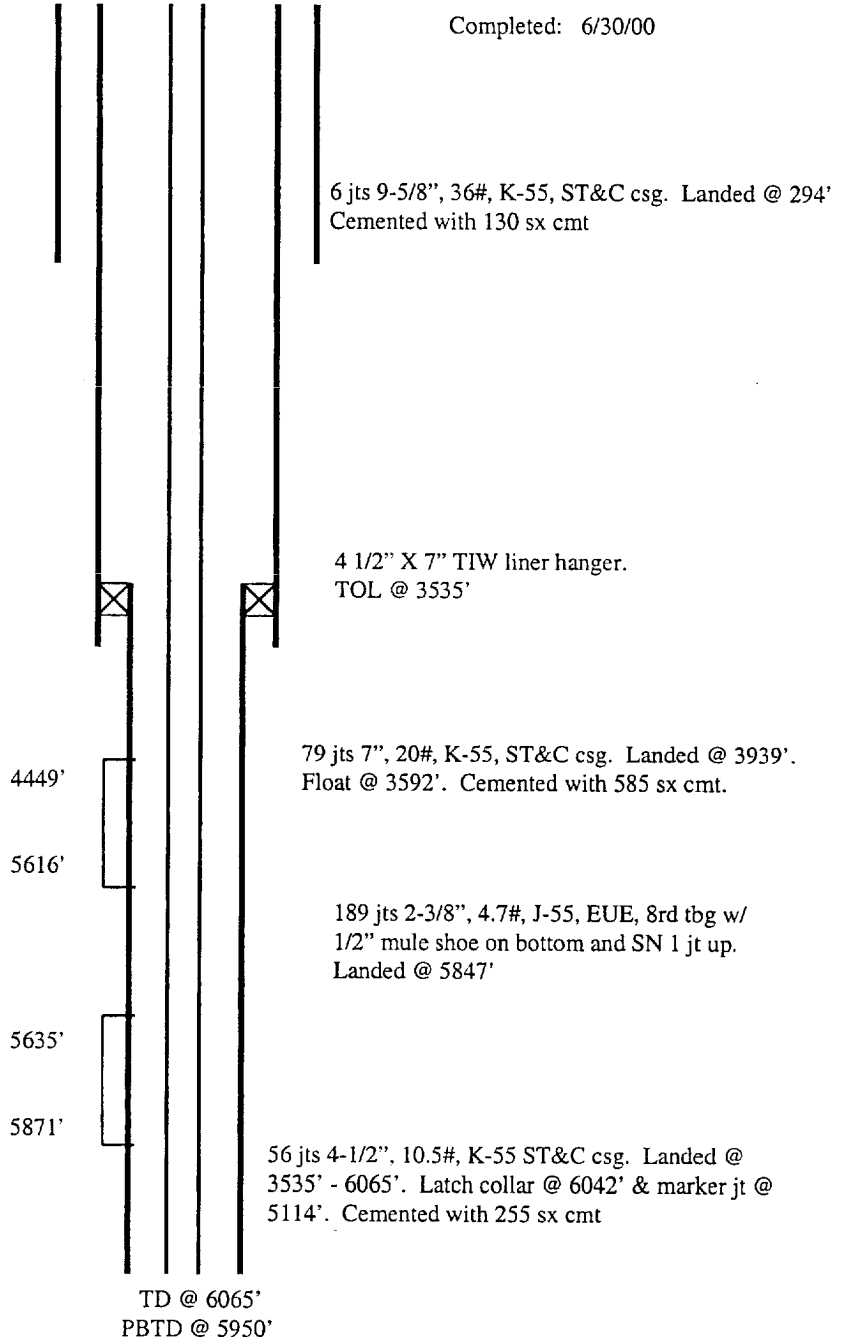
Menefee 5408'

Point Lookout 5634'

STIMULATION

CliffHouse/Menefee: 4449' - 5616'
(27, 0.38" holes) Frac with 71,000#
20/40 sand in 1916 bbls slick water.

Point Lookout: 5635' - 5871' (33,
0.38" holes) Frac with 83,000# 20/40
sand in 1921 bbls slick water.



Hole Size	Casing	Cement	Volume	Top Of CMT
12-1/4"	9-5/8", 36#	130 sx	176 cu. Ft.	surface
8-3/4"	7", 20#	585 sx	1094 cu ft.	surface
6-1/4"	4-1/2", 10.5#	255 sx	371 cu. Ft.	3535'