

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-078764

6. INDIAN ALLOTTEE OR

7. UNIT AGREEMENT NAME
ROSA UNIT

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #13A

9. API WELL NO.
30-039-26298

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

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

12. COUNTY OR
RIO ARRIBA

13. STATE
NEW MEXICO

19. ELEVATION CASINGHEAD

1a. TYPE OF WELL ☒ POOL 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: 1530' FNL & 815' FWL
At top production interval reported below :
At total depth:

14. PERMIT NO.

DATE ISSUED

15. DATE
SPUDDED
05/04/2000

16. DATE T.D.
REACHED
05/10/2000

17. DATE COMPLETED (READY TO PRODUCE)
06-20-2000

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6507' GR

20. TOTAL DEPTH, MD & TVD
6233' MD

21. PLUG. BACK T.D., MD & TVD
6050' 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 4598' - 5980'

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#	284'	12-1/4"	140 SX - SURFACE	
7" K-55	20#	3813'	8-3/4"	620 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3702'	6233'	275 SX		2-3/8"	5967'	

30. TUBING RECORD

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

CH/Menefee: 4598', 4602', 90', 99', 4703', 09', 59', 62', 4817', 20', 72', 4927', 29', 5272', 92', 5509', 14', 17', 20', 24', 26', 37', 39', 52', 89', 91', 93', 95', 5608', 10', 20', 26', 86' and 5706'. Total of 34 (0.38") holes
Point Lookout: 5723', 25', 29', 31', 35', 38', 41', 51', 59', 64', 69', 72', 75', 89', 93', 95', 97', 5805', 07', 11', 15', 17', 19', 21', 26', 30', 32', 40', 58', 65', 5906', 27', 35', 50', 60', 76' and 80'. Total of 37 (0.38") holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	AMOUNT AND KIND OF MATERIAL USED
DEPTH INTERVAL (MD)	
4598'-5706'	80,000# 20/40 Sand in 1923 BBIs slick water
5723'-5980'	80,000# 20/40 Sand in 1927 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
6/27/00	3 hr	3/4"			357		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
215	530				2,858		

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 5, 2000

ACCEPTED FOR RECORD

JUL 14 2000

FARMINGTON FIELD OFFICE
BY [Signature]

NAOCD

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		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
FRUITLAND	30674'	3324'						
PICTURED CLIFFS	3324'	3658'						
LEWIS	3658'	5508'						
CLIFF HOUSE	5508'	5549'						
MENEFEE	5549'	5787'						
POINT LOOKOUT	5787'	6118'						
MANCOS	6118'							

ROSA UNIT #13A
BLANCO MESAVERDE

Location:

1530' FNL and 815' FWL
SE/4 NW/4 Sec 31(F), T31N R05W
Rio Arriba, New Mexico
Elevation: 6507' GR

Spud date : 5/04/00

Completed: 6/2000

Top Depth

Pictured Cliffs 3324'

Lewis 3658'

CliffHouse 5508'

Menefee 5549'

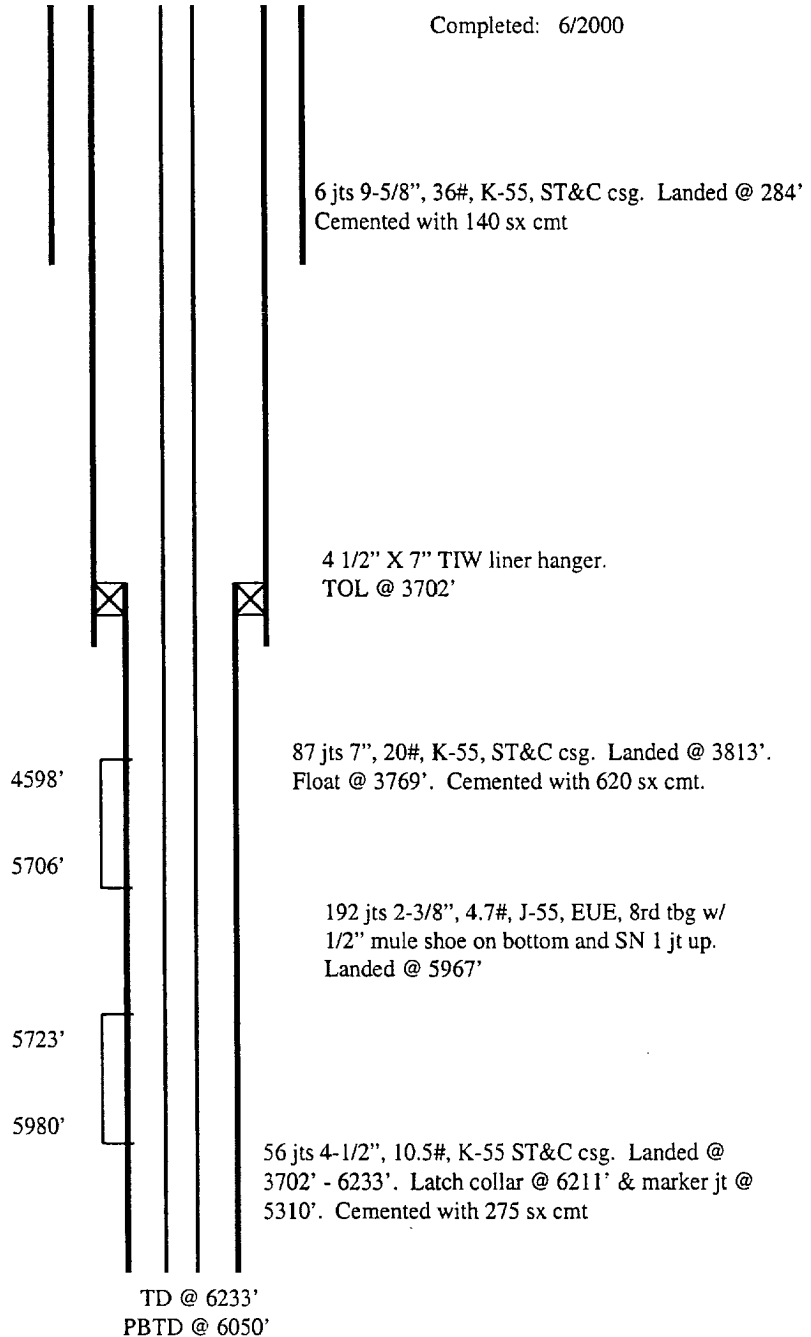
Point Lookout 5787'

Mancos 6118'

STIMULATION

CliffHouse/Menefee: 4598' - 5706'
(34, 0.38" holes) Frac with 80,000#
20/40 sand in 1923 bbls slick water.

Point Lookout: 5723' - 5980' (37,
0.38" holes) Frac with 80,000# 20/40
sand in 1927 bbls slick water.



Hole Size	Casing	Cement	Volume	Top Of CMT
12-1/4"	9-5/8", 36#	140 sx	195 cu. Ft.	surface
8-3/4"	7", 20#	620 sx	1170 cu ft.	surface
6-1/4"	4-1/2", 10.5#	275 sx	400 cu. Ft.	3702'