

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

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: 610' FSL & 2405' FWL
At top production interval reported below :
At total depth:

5. LEASE DESIGNATION AND LEASE NO.
SF-078769

6. IF INDIAN ALLOTTEE OR

7. UNIT AGREEMENT NAME
ROSA UNIT

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #31C

9. API WELL NO.
30-039-26578

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

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

12. COUNTY OR
RIO ARriba

13. STATE
NEW MEXICO

15. DATE
SPUDDED
06/28/2001

16. DATE T.D.
REACHED
07/05/2001

17. DATE COMPLETED (READY TO PRODUCE)
10/26/2001

14. PERMIT NO.
DATE ISSUED
6469' GR

20. TOTAL DEPTH, MD & TVD
6246' MD

21. PLUG BACK T.D., MD & TVD
6219' MD

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6469' GR

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

19. ELEVATION CASINGHEAD

ROTARY TOOLS
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION TOP BOTTOM, NAME (MD AND TVD)*
BLANCO MV 4544' - 6106'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
High Resolution Induction, Spectral Density, GR, Dual Spaced Neutron, Gamma Ray/Neutron/TMDL

27. WAS WELL CORED
NO

28. CASING REPORT (Report all strings set in well)		WELL HEAD LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
CASING SIZE/GRADE						
9-5/8" K-55		36#	287'	12-1/4"	170 SX - SURFACE	
7" K-55		20#	3820'	8-3/4"	610 SX - SURFACE	

29. LINER RECORD		SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		4-1/2"	3699'	6244'	280 SX		2-3/8"	5048'	

31. PERFORATION RECORD (Interval, size, and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>CH/Menefee:</u> 4544', 4612', 19', 24', 40', 50', 52', 60', 70', 4872', 4922', 5040', 5308', 22', 26', 51', 78', 5454', 80', 98', 5536', 5602', 04', 22', 26', 30', 37', 41', 46', 48', 52', 55', 66', 70', 72', 77', 82', 86', 5734', 36', and 70'. Total of 41 (0.38") holes <u>Point Lookout:</u> 5792', 5800', 10', 13', 18', 26', 29', 32', 36', 52', 56', 60', 72', 76', 84', 86', 92', 5904', 08', 28', 81', 98', 6004', 28', 32', 54', 6103' and 06'. Total of 28 (0.38") holes		4544' – 5770'	80,000# 20/40 Sand in 1937 bbls slick water
		5792' – 6106'	80,000# 20/40 Sand in 1943 bbls slick water

33. PRODUCTION

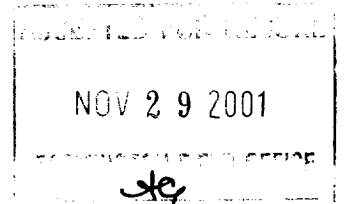
DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) SI waiting on pipeline	
DATE OF TEST	TESTED	PIPE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11/01/01	3 hr	3/4"			471		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
285	800				3,765		

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 Tracy Ross TITLE Production Analyst DATE November 20, 2001



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, conditions used, flow rate, open flow rate and shut-in pressures, and recovery)

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
PICTURED CLIFFS	3336'	3610'					
LEWIS	3610'	5522'					
CLIFFHOUSE	5522'	5573'					
MENEFEE	5573'	5790'					
POINT LOOKOUT	5790'						

ROSA UNIT #31C BLANCO MESAVERDE

Spud date: 06/28/01

Completed: 10/26/01

Location:

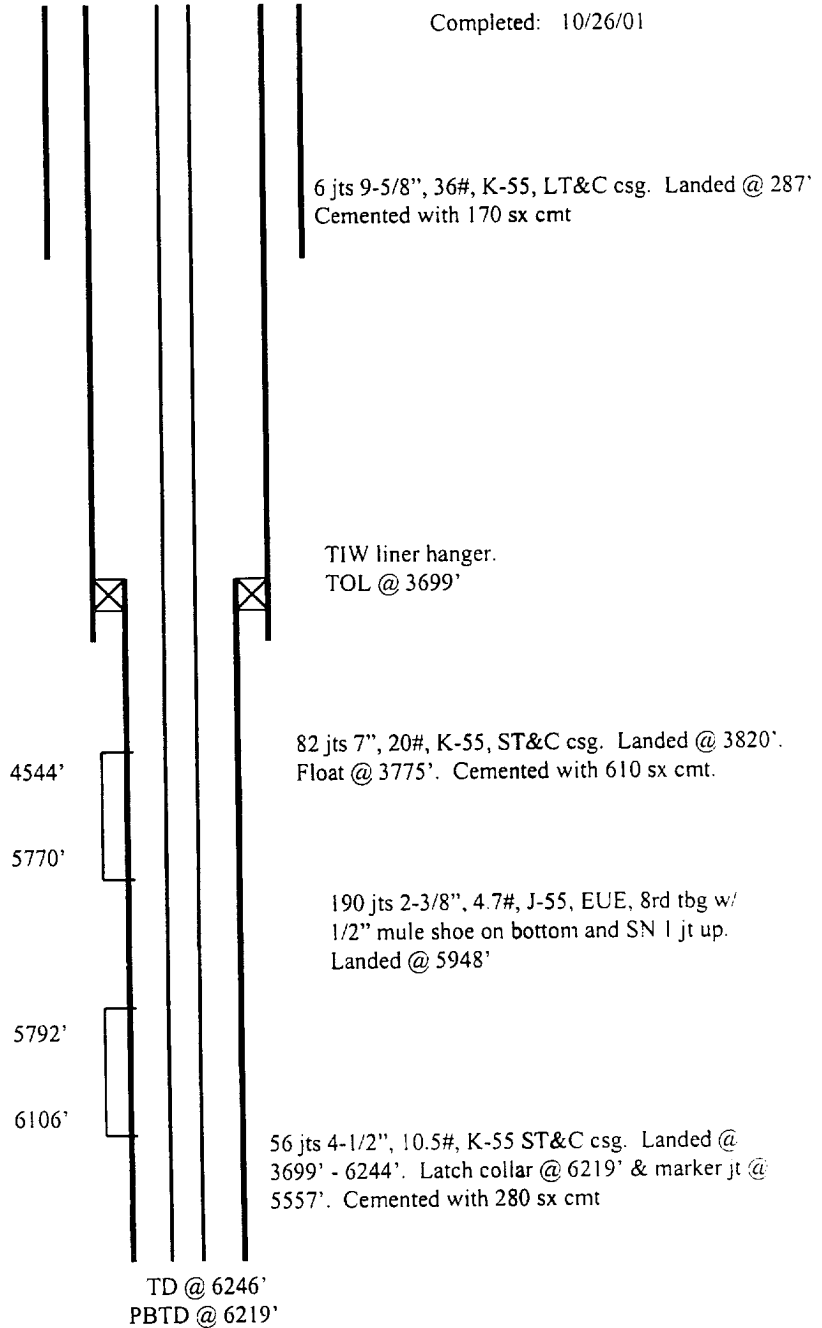
610' FSL and 2405' FWL
SE/4 SW/4 Sec 17(N), T31N R05W
Rio Arriba, New Mexico
Elevation: 6469' GR

<u>Top</u>	<u>Depth</u>
Pictured Cliffs	3336'
Lewis	3610'
CliffHouse	5522'
Menefee	5573'
Point Lookout	5790'

STIMULATION

CliffHouse/Menefee: 4544' - 5770'
(41, 0.38" holes) Frac with 80,000#
20/40 sand in 1937 bbls slick water.

Point Lookout: 5792' - 6106' (28,
0.38" holes) Frac with 80,000# 20/40
sand in 1943 bbls slick water.



Hole Size	Casing	Cement	Volume	Top of CMT
12-1/4"	9-5/8", 36#	170 sx	236 cu ft.	234'
8-3/4"	7", 20#	610 sx	1146 cu ft.	3770'
6-1/4"	4-1/2", 10.5#	280 sx	404 cu ft.	