

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. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME
ROSA UNIT

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #17A

9. API WELL NO.
30-039-26272

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA 0-20-31-5
SW/4 SEC 30-31N SW

12. COUNTY OR 13. STATE
RIO ARriba 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 37-2 TULSA, OK 74101 (918) 573-6254

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 790' FSL & 1450' FEL
At top production interval reported below :
At total depth:

14. PERMIT NO. DATE ISSUED
6412' GR

15. DATE 16. DATE T.D. 17. DATE COMPLETED (READY TO PRODUCE)
SPUDDED REACHED
05/26/2000 06/02/2000 07/10/2000

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD
6199' MD 6050' MD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BLANCO MV 4700' - 5981'

26. TYPE ELECTRIC AND OTHER LOGS RUN
IND/GR & DEN/NEU/TEMP

28. CASING REPORT (Report all strings set in well)		WEIGHT, LB./FT.		DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
CASING SIZE/GRADE							
9-5/8" K-55		36#		295'	12-1/4"	150 SX - SURFACE	
7" K-55		20#		3751'	8-3/4"	600 SX - SURFACE	

29. LINER RECORD		BOTTOM (MD)		SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
SIZE		TOP (MD)						
4-1/2"		3639'		270 SX		2-3/8"	5919'	

31. PERFORATION RECORD (Interval, size, and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
CH/Menefee: 4700', 10', 18', 4820', 25', 29', 78', 5270', 88', 5333', 5443', 5507', 09', 11', 42', 57', 60', 63', 66', 69', 92', 97', 5600', 03', 05', 10', 13', 16', 86', 5736', 38' and 46'. Total of 32 (0.38") holes		4700'- 5746'	80,000# 20/40 Sand in 1895 BBls slick water
Point Lookout: 5760', 63', 67', 69', 73', 75', 81', 83', 87', 93', 98', 5803', 06', 09', 11', 13', 15', 29', 32', 34', 39', 41', 45', 56', 60', 79', 84', 88', 5916' and 81'. Total of 30 (0.38") holes		5760'- 5981'	79,840# 20/40 Sand in 2099 BBls slick water

33. PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) SI waiting on pipeline	
DATE OF FIRST PRODUCTION		CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
7/15/00		3/4"			380		
FLOW TBG PRESS		CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	OIL GRAVITY-API (CORR.)
230		695				3,038	

34. DISPOSITION OF GAS (Solid, 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 Tracy Row TITLE Production Analyst DATE July 26, 2000

ACCEPTED FOR RECORD

AUG 22 2000

FARMINGTON FIELD OFFICE
BY [Signature]

NMCOB

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	TRUE VERTICAL DEPTH
FRUITLAND	3040'	3310'				
PICTURED CLIFFS	3310'	3736'				
LEWIS	3736'	5504'				
CLIFF HOUSE	5504'	5534'				
MENEREE	5534'	5761'				
POINT LOOKOUT	5761'					

ROSA UNIT #17A
BLANCO MESAVERDE

Location:

790' FSL and 1450' FEL
SW/4 SE/4 Sec 20(O), T31N R05W
Rio Arriba, New Mexico
Elevation: 6412' GR

Spud date : 5/26/00

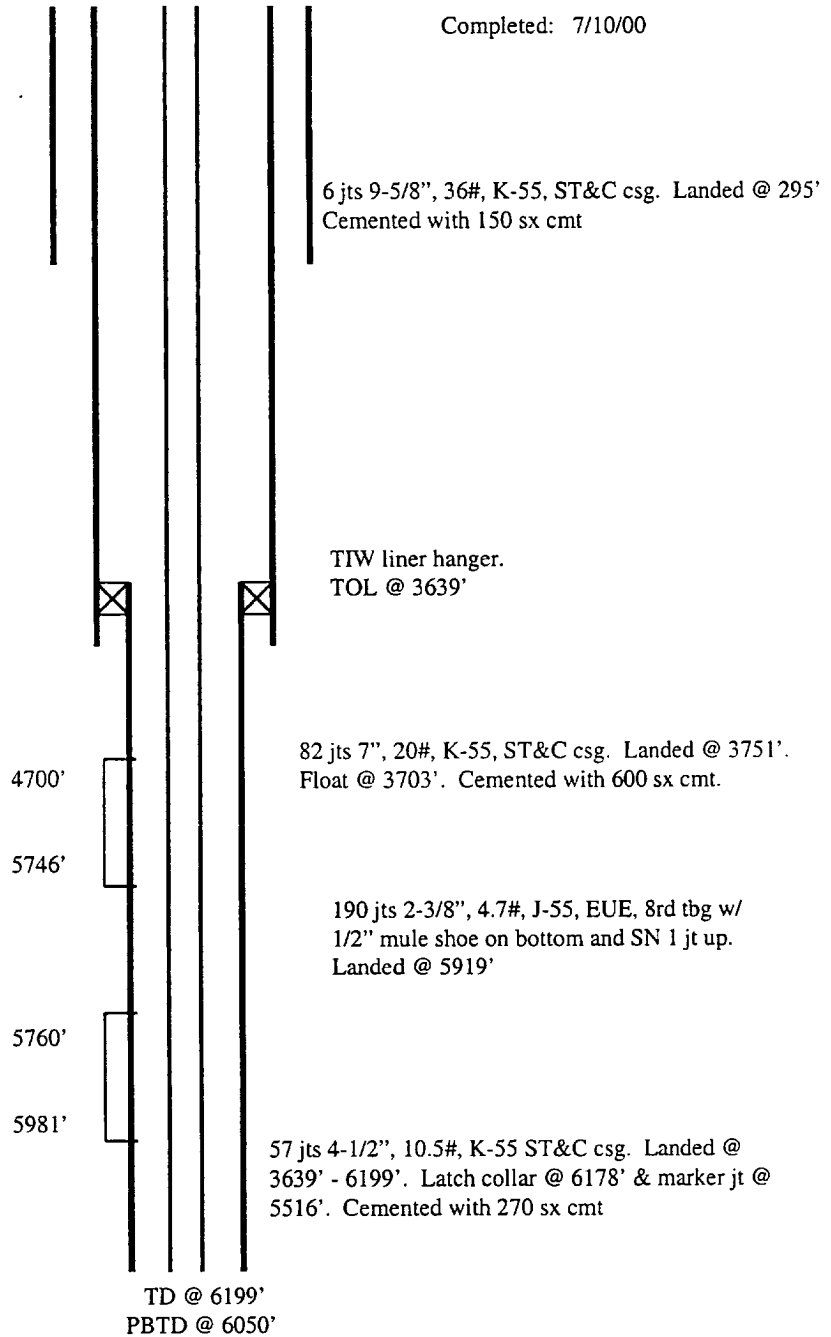
Completed: 7/10/00

<u>Top</u>	<u>Depth</u>
Pictured Cliffs	3310'
Lewis	3736'
CliffHouse	5504'
Menefee	5534'
Point Lookout	5761'

STIMULATION

CliffHouse/Menefee: 4700' - 5746'
(32, 0.38" holes) Frac with 80,000#
20/40 sand in 1895 bbls slick water.

Point Lookout: 5760' - 5981' (30,
0.38" holes) Frac with 79,840# 20/40
sand in 2099 bbls slick water.



Hole Size	Casing	Cement	Volume	Top Of CMT
12-1/4"	9-5/8", 36#	150 sx	209 cu. Ft.	surface
8-3/4"	7", 20#	600 sx	1137 cu ft.	surface
6-1/4"	4-1/2", 10.5#	270 sx	395 cu. Ft.	3639'