

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* 2:17

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) 473-6254

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At Surface: 1680' FNL & 790' FWL
At top production interval reported below :
At total depth:

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 #166A

9. API WELL NO.
30-039-26282

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SE/4 NW/4 SEC 30-31N-5W

12. COUNTY OR
RIO ARriba

13. STATE
NEW MEXICO

14. PERMIT NO.
DATE ISSUED
6350' GR

15. DATE
SPUDDED
05/18/2000

16. DATE T.D.
REACHED
05/25/2000

17. DATE COMPLETED (READY TO PRODUCE)
07-04-2000

20. TOTAL DEPTH, MD & TVD
6105' MD

21. PLUG, BACK T.D., MD & TVD
6000' MD

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 4473' - 5902'

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#	299'	12-1/4"	150 SX - SURFACE	
7" K-55	20#	3669'	8-3/4"	590 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3537'	6105'	255 SX		2-3/8"	5872'	

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

CH/Menefee: 4473', 78', 4607', 13', 18', 4727', 82', 5181', 85', 5212', 29', 44', 5423', 29', 60', 74', 77', 80', 84', 87', 89', 91', 5517', 46', 48', 74', 80', 5608' and 19'. Total of 29 (0.38") holes
Point Lookout: 5635', 38', 41', 43', 45', 49', 52', 55', 57', 59', 69', 71', 76', 79', 82', 86', 88', 90', 94', 5711', 21', 25', 28', 33', 35', 39', 54', 74', 87', 92', 5815', 47', 74', 88' and 5902'. Total of 35 (0.38") holes

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4473'- 5619'	78,000# 20/40 Sand in 2149 BBls slick water
5635'- 5902'	84,000# 20/40 Sand in 1941 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	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
7/14/00	3 hr	3/4"			447		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
270	740				3,575		

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

Chick Charley

TITLE Production Analyst

DATE July 18, 2000

ACCEPTED FOR RECORD

AUG 02 2000

ADMINISTRATIVE 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	2966'	3194'							
PICTURED CLIFFS	3194'	3634'							
LEWIS	3634'	5421'							
CLIFF HOUSE	5421'	5450'							
MENEFEE	5450'	5632'							
POINT LOOKOUT	5632'								

ROSA UNIT #166A
BLANCO MESAVERDE

Spud date : 5/18/00

Completed: 7/04/00

Location:

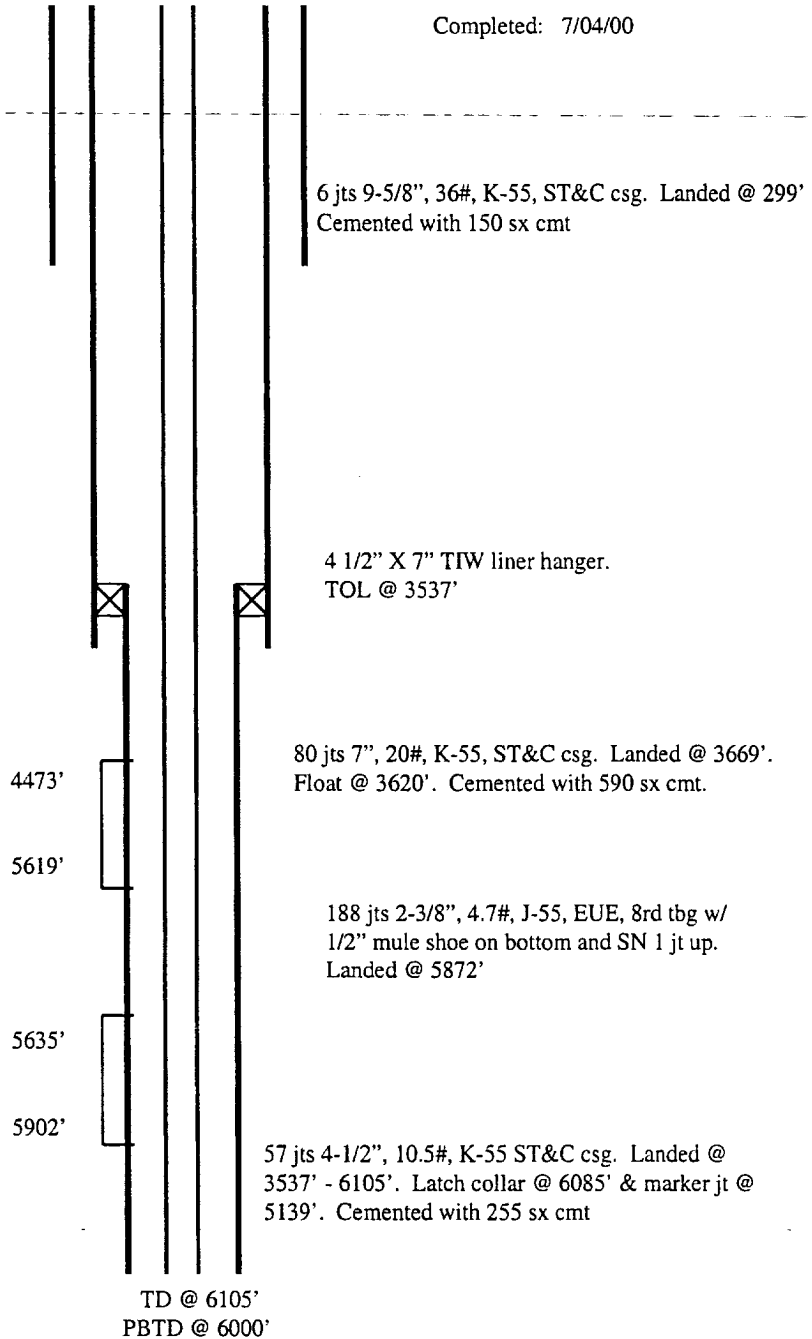
1680' FNL and 790' FWL
SE/4 NW/4 Sec 30(F), T31N R05W
Rio Arriba, New Mexico
Elevation: 6350' GR

<u>Top</u>	<u>Depth</u>
Pictured Cliffs	3194'
Lewis	3634'
CliffHouse	5421'
Menefee	5450'
Point Lookout	5632'

STIMULATION

CliffHouse/Menefee: 4473' - 5619'
(29, 0.38" holes) Frac with 78,000#
20/40 sand in 2149 bbls slick water.

Point Lookout: 5635' - 5902' (35,
0.38" holes) Frac with 84,000# 20/40
sand in 1941 bbls slick water.



Hole Size	Casing	Cement	Volume	Top Of CMT
12-1/4"	9-5/8", 36#	150 sx	203 cu. Ft.	surface
8-3/4"	7", 20#	590 sx	1104 cu ft.	surface
6-1/4"	4-1/2", 10.5#	255 sx	372 cu. Ft.	3472'