

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 _____				7. UNIT AGREEMENT NAME ROSA UNIT			
b. TYPE OF COMPLETION: ☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF.RESVR. ☐ OTHER _____				8. FARM OR LEASE NAME, WELL NO. ROSA UNIT #166			
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY				9. API WELL NO. 30-039-26275			
3. ADDRESS AND TELEPHONE NO. P.O. BOX 3102 MS 37-2 TULSA, OK 74101 (918) 573-6100				10. FIELD AND POOL, OR WILDCAT BLANCO MV			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At Surface: 1165' FNL & 995' FEL At top production interval reported below : At total depth:				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NE/4 NE/4 SEC 30-31N-5W			
15. DATE SPUDDED 05/11/2000		16. DATE T.D. REACHED 05/17/2000		12. COUNTY OR RIO ARriba			
17. DATE COMPLETED (READY TO PRODUCE) 06-27-2000		18. ELEVATIONS (DK, RKB, RT, GR, ETC.)* 6360' GR		13. STATE NEW MEXICO			
20. TOTAL DEPTH, MD & TVD 6188' MD		21. PLUG, BACK T.D., MD & TVD 6100' MD		19. ELEVATION CASINGHEAD			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BLANCO MV 4484' - 6030'				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		
9-5/8" K-55		36#	296'	12-1/4"	160 SX - SURFACE		
7" K-55		20#	3780'	8-3/4"	620 SX - SURFACE		
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
4-1/2"	3600'	6188'	270 SX		SIZE		
					DEPTH SET (MD)		
					PACKER SET (MD)		
31. PERFORATION RECORD (Interval, size, and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
<u>CH/Menefee:</u> 4484', 88', 91', 94', 4521', 24', 4619', 23', 29', 34', 39', 4741', 49', 97', 4800', 5087', 92', 97', 5197', 5201', 13', 5441', 43', 45', 97', 5500', 03', 06', 39', 60', 84', 5606', 10' and 39'. Total of 34 (0.38") holes <u>Point Lookout:</u> 5680', 83', 85', 88', 91', 93', 97', 99', 5701', 04', 09', 11', 13', 16', 20', 23', 26', 29', 31', 40', 47', 50', 53', 59', 61', 71', 90', 5804', 14', 28', 60', 66', 88', 93', 5906', 19', 66', 86' and 6030'. Total of 39 (0.38") holes				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				4484'- 5639'		71,000# 20/40 Sand in 1806 BBIs slick water	
				5680'- 6030'		83,000# 20/40 Sand in 1945 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"			498		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
300	760				3,986		
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

Tracy Rose

TITLE Production Analyst

DATE July 12, 2000

ACCEPTED FOR RECORD

AUG 14 2000

NMOCD

FARMINGTON FIELD OFFICE
BY

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	3006'	3237'					
PICTURED CLIFFS	3237'	3666'					
LEWIS	3666'	5419'					
CLIFF HOUSE	5419'	5463'					
MENEFEE	5463'	5676'					
POINT LOOKOUT	5676'	6088'					
MANCOS	6088'						

ROSA UNIT #166
BLANCO MESAVERDE

Location:

1165' FNL and 995' FEL
NE/4 NE/4 Sec 30(A), T31N R05W
Rio Arriba, New Mexico
Elevation: 6360' GR

Spud date : 5/11/00

Completed: 6/27/00

Top Depth

Pictured Cliffs 3237'

Lewis 3666'

CliffHouse 5419'

Menefee 5463'

Point Lookout 5676'

Mancos 6088'

STIMULATION

CliffHouse/Menefee: 4484' - 5639'
(34, 0.38" holes) Frac with 71,000#
20/40 sand in 1806 bbls slick water.

Point Lookout: 5680' - 6030' (39,
0.38" holes) Frac with 83,000# 20/40
sand in 1945 bbls slick water.

6 jts 9-5/8", 36#, K-55, ST&C csg. Landed @ 296'
Cemented with 160 sx cmt

4 1/2" X 7" TIW liner hanger.
TOL @ 3600'

81 jts 7", 20#, K-55, ST&C csg. Landed @ 3780'.
Float @ 3661'. Cemented with 620 sx cmt.

192 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg w/
1/2" mule shoe on bottom and SN 1 jt up.
Landed @ 5970'

57 jts 4-1/2", 10.5#, K-55 ST&C csg. Landed @
3600' - 6188'. Latch collar @ 6163' & marker jt @
5268'. Cemented with 270 sx cmt

TD @ 6188'
PBTD @ 6100'

6-1/4"	4-1/2", 10.5#	270 sx	391 cu. Ft.	3600'