

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

(See other instructions on
reverse side)
RECEIVED
NOV 23 1998

5. LEASE DESIGNATION AND LEASE NO.
SF-078766

6. IF INDIAN, ALLOTTEE OR

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) 561-6364

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface 1060' FSL & 835' FWL
At top production interval reported below: At total depth:

7. UNIT AGREEMENT NAME
ROSA UNIT

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #139A

9. API WELL NO.
30-045-29600

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SW/4 SW/4 SEC 17-31N-6W

12. COUNTY OR
RIO ARRIBA

13. STATE
NEW MEXICO

19. ELEVATION CASINGHEAD

15. DATE
SPUDDED
9-12-1998

16. DATE T.D.
REACHED
9-19-1998

17. DATE COMPLETED (READY TO PRODUCE)
10-20-1998

14. PERMIT NO.
DATE ISSUED
6357'GR

20. TOTAL DEPTH, MD & TVD
6105'

21. PLUG, BACK T.D., MD & TVD
6081'

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 4387' - 5888'

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
IES/GR and SNL/CDL

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#	537'	12-1/4"	285 SX - SURFACE	
7" K-55	20#	3613'	8-3/4"	560 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3502'	6105'	325 sx		2-3/8"	5882'	

30. TUBING RECORD

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

CH/Menefee: 4387', 92', 97', 4402', 07', 4512', 27', 38', 52', 63', 4606', 14', 5112', 5333', 36', 40', 43', 49', 49', 65', 68', 71', 77', 88', 90', 98', 5402', 07', 10', 13', 24', 27', 32', 78', 5502', 12', 38', 41', 61', 64', 67', 70', 73', 76' and 94'. Total of 45 (0.36") holes.
Pt Lookout: 5637', 40', 43', 48', 51', 55', 59', 62', 65', 68', 74', 76', 78', 80', 82', 89', 90', 93', 5715', 18', 25', 30', 46', 50', 55', 83', 88', 5809', 38', 45', 59' and 88'. Total of 32 (0.36") holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4387' - 5594'	79,650# 20/40 Sand in 1652 BBIs slick water
5637' - 5888'	80,730# 20/40 Sand in 2001 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 SHUT IN) SHUT IN	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
10-29-1998	3 HRS				502		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-AFI (COR)
304#	734#				4017		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD

TEST WITNESSED BY CHIK CHALEY

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 Susan Griguhn

TITLE Drilling Clerk

DATE November 5, 1998

ACCEPTED FOR RECORD

NOV 19 1998

FARMINGTON DISTRICT OFFICE

BY

NMOC

17 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	
					MEASURED DEPTH	TRUE VERTICAL DEPTH
KIRTLAND	2426'	2960'				
FRUITLAND	2960'	3183'				
PICTURED CLIFFS	3183'	5320'				
CLIFF HOUSE	5320'	5634'				
POINT LOOKOUT	5634'	5978'				
MANCOS	5978'					

ROSA UNIT #139A BLANCO MESAVERDE

Location: 1060' FSL, 835' FWL
SW:4 SW:4 Section 17M, T31N, R6W
San Juan Co., NM

Elevation: 6357' GR
KB = 12'

API #: 30-045-29600

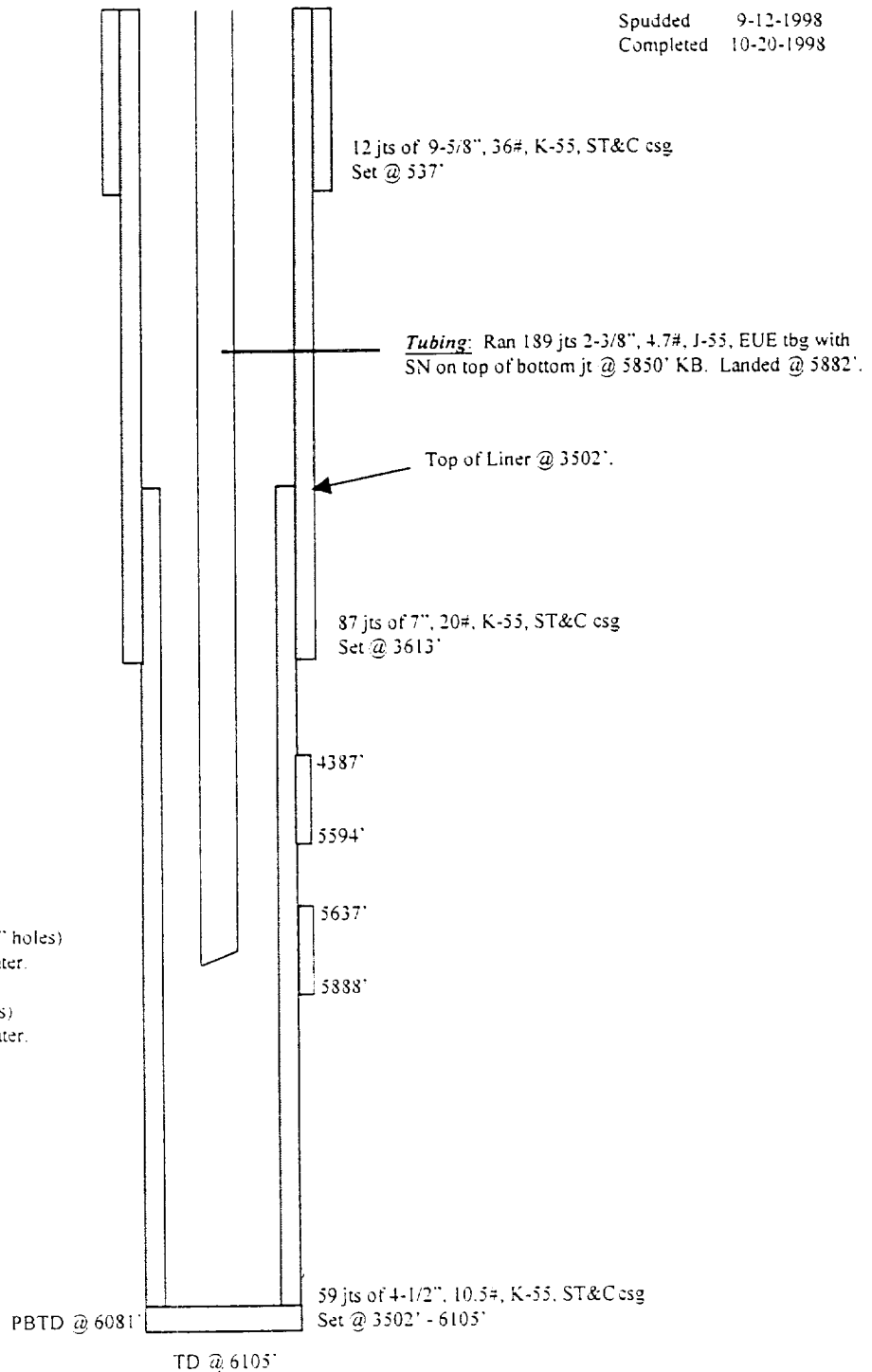
Spudded 9-12-1998
Completed 10-20-1998

<i>Tops</i>	<i>Depth</i>
Kirtland	2290'
Fruitland	3006'
Pictured Cliffs	3180'
Cliff House	5374'
Point Lookout	5628'
Mancos	5892'

STIMULATION

Cliff House/Menefee 4387' - 5594' (45, 0.36" holes)
79,650# of 20/40 sand in 1652BBI's slick water.

Point Lookout 5637' - 5888' (32, 0.36" holes)
80,730# of 20/40 sand in 2001BBI's slick water.



HOLE SIZE	CASING	CEMENT	CMT TOP
12-1/4"	9-5/8"	235 sk	SURFACE
8-3/4"	7"	550 sk	SURFACE
6-1/4"	4-1/2"	325 sk	3502' (CBL)