

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-078769
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) 561-6254

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At Surface 1175' FSL & 790' FEL
At top production interval reported below: At total depth:

070 FARMINGTON, NM
RECEIVED
NOV 23 1998
OIL CON. DIV.
DIST. 3

UNIT AGREEMENT NAME
ROSA UNIT

FORM OR LEASE NAME, WELL NO.
ROSA UNIT #168

API WELL NO.
30-039-25916

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SE/4 SE/4 SEC 28-31N-5W

12. COUNTY OR
RIO ARriba
13. STATE
NEW MEXICO

19. ELEVATION CASINGHEAD

25. WAS DIRECTIONAL SURVEY MADE

27. WAS WELL CORED
NO

15. DATE
SPUDDED
9-19-1998
16. DATE T.D.
REACHED
9-27-1998
17. DATE COMPLETED (READY TO PRODUCE)
10-07-1998

14. PERMIT NO.
DATE ISSUED
18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6766'GR

20. TOTAL DEPTH, MD & TVD
6500'

22. IF MULTICOMP.,
HOW MANY
23. INTERVALS
DRILLED BY

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BLANCO MV 4884' - 6328'

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

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#	268'	12-1/4"	150 SX - SURFACE	
7" K-55	20#	4146'	8-3/4"	740 SX - SURFACE	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	4030'	6500'	295 SX		2-3/8"	6352'	

31. PERFORATION RECORD (Interval, size, and number)
CH/Menefee: 4884', 88', 92', 96', 4900', 04', 10', 14', 5026', 30', 34', 38', 42',
46', 5214', 16', 5852', 54', 56', 5908', 10', 12', 22', 24', 26', 28', 30', 32', 38',
40' and 42'. Total of 31 (0.38") holes.
Pt Lookout: 6082', 85', 92', 94', 97', 6100', 03', 06', 09', 12', 15', 18', 21', 24',
27', 30', 38', 52', 54', 56', 64', 66', 82', 88', 98', 6202', 06', 18', 21', 38', 50',
52', 54', 98', 6300', 02', 26' and 28'. Total of 38 (0.38") holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4884' - 5942'	80,000# 20/40 Sand in 2180 BBLs slick water
6082' - 6328'	80,000# 20/40 Sand in 2260 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 SHUT IN)	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
10-25-1998	3 HRS				610		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (COR
368#	887#				4882		

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 Susan Griguin

TITLE Drilling Clerk

DATE November 3, 1998

ACCEPTED FOR RECORD

NOV 19 1998

NMOC

FARMINGTON DISTRICT OFFICE

QV

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	
KIRTLAND	3060'	3402'					
FRUITLAND	3402'	3666'					
PICTURED CLIFFS	3666'	5834'					
CLIFF HOUSE	5834'	6080'					
POINT LOOKOUT	6080'	6380'					
MANCOS	6380'						

ROSA UNIT #168 BLANCO MESAVERDE

Location: 1175' FSL, 790' FEL
SE/4 SE/4 Section 28P, T31N, R5W
Rio Arriba Co., NM

Elevation: 6766' GR
KB = 12'

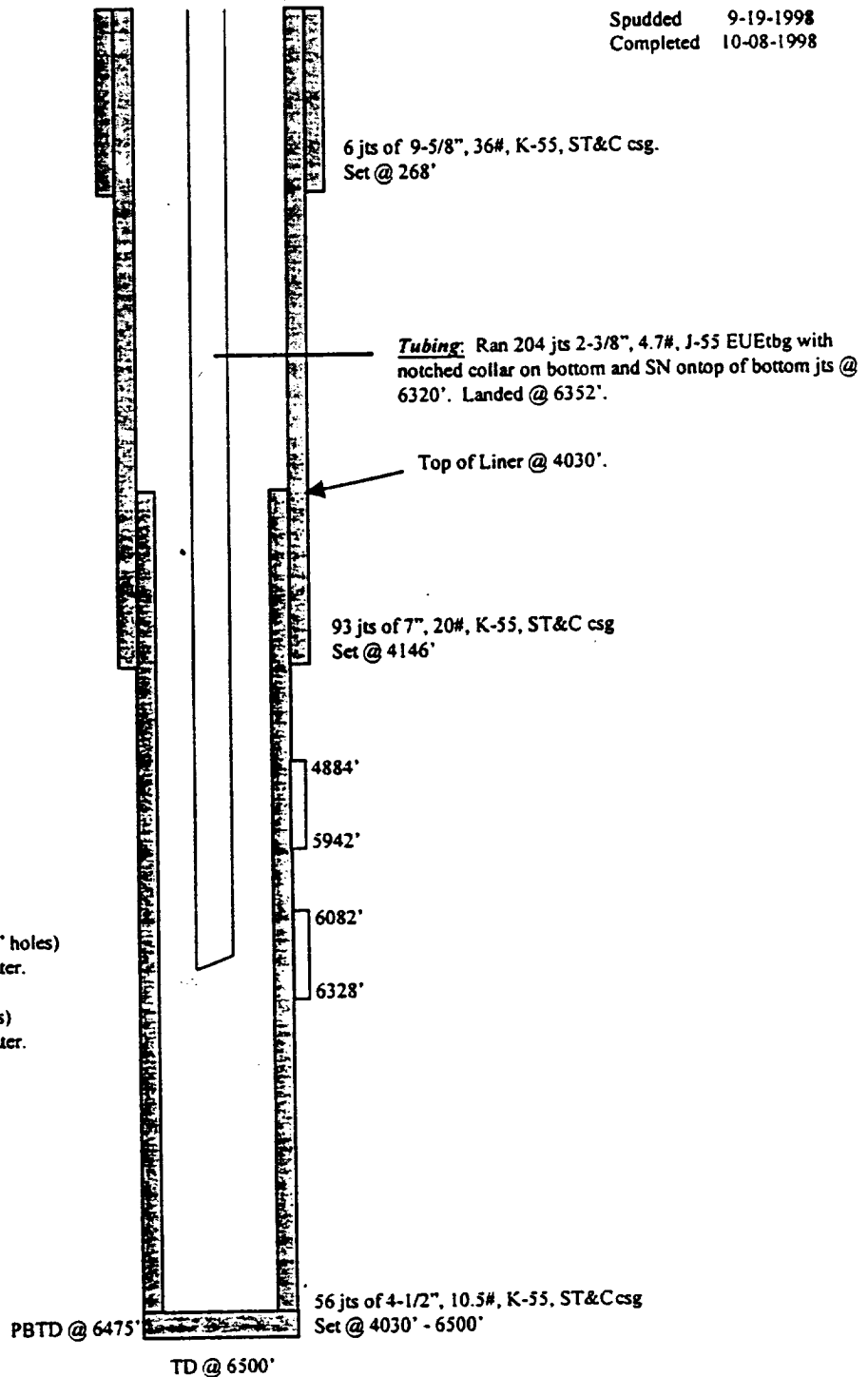
Spudded 9-19-1998
Completed 10-08-1998

Tops	Depth
Kirtland	3060'
Fruitland	3402'
Pictured Cliffs	3666'
Cliff House	5834'
Point Lookout	6080'
Mancos	6380'

STIMULATION

Cliff House/Menefee 4884' - 5942' (31, 0.38" holes)
80,000# of 20/40 sand in 2180BBI's slick water.

Point Lookout 6082' - 6328' (38, 0.38" holes)
80,000# of 20/40 sand in 2260BBI's slick water.



HOLE SIZE	CASING	CEMENT	CMT TOP
12 - 1/4 "	9 - 5/8 "	150 s x	SURFACE
8 - 3/4 "	7 "	740 s x	SURFACE
6 - 1/4 "	4 - 1/2 "	295 s x	4180' (CBL)