

(See other
instructions on
reverse side)

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG* BLM

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____
b. TYPE OF COMPLETION:
NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

96 OCT 25 PM

2. NAME OF OPERATOR
WILLIAMS PRODUCTION COMPANY

070 FARMINGTON, NM

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 3102 MS 37-3 TULSA, OK 74101 (918) 561-6678

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At Surface 1620' FNL & 1665' FWL
At top production interval reported below : SAME At total depth: SAME

5. LEASE DESIGNATION AND LEASE NO.
SF-078767
6. IF INDIAN, ALLOTTEE OR
7. UNIT AGREEMENT NAME
ROSA UNIT
8. FARM OR LEASE NAME, WELL NO.
#19M 10/M

9. API WELL NO.
30-039-25577

10. FIELD AND POOL, OR WILDCAT
BLANCO MV 72319

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC 24-31N-6W

14. PERMIT NO. DATE ASSIGNED
OIL & GAS DIV.
DIST. 3

12. COUNTY OR PARISH
RIO ARriba
13. STATE
NEW MEXICO

15. DATE SPUDDED
07/16/96
16. DATE T.D. REACHED
07/25/96
17. DATE COMPLETED (READY TO PRODUCE)
08/31/96

18. ELEVATIONS (DK, RKB, RT, GR, ETC)
6231' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
7992'
21. PLUG, BACK T.D., MD & TVD
7969'

22. IF MULTICOMP., HOW MANY
2

23. INTERVALS DRILLED BY

ROTARY TOOLS
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)
BLANCO MV 5269' - 5872'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
IND/GR & CDL/SNL

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
10-3/4" - J-55	40.5#	307'	14-3/4"	285 SX	260 cu ft	SURF	
7-5/8" - K-55	26.4#	3741'	9-7/8"	840 SX	1544 cu ft	SURF	

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
6-3/4"		7992'	440 sx		1-1/2"	5819'	6050'

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

5269', 5300', 02', 06', 08', 35', 49', 51', 53', 55', 57', 59', 61', 63', 65', 67', 69', 71', 73', 75', 79', 81', 83', 85', 99', 5403', 21', 42', 44', 46', 48', 50', 52', 54', 56', 58', 60', 62', 64', 66', 68', 70', 72', 74', 93', 5516', 18', 24', 35', 41'; and 5556', 58', 60', 62', 64', 66', 68', 70', 72', 74', 76', 78', 80', 82', 84', 86', 88', 90', 92', 94', 98', 5600', 02', 04', 06', 08', 10', 12', 14', 16', 18', 20', 22', 24', 31', 33', 35', 37', 39', 41', 43', 45', 48', 52', 61', 63', 65', 71', 82', 92', 94', 5702', 04', 23', 38', 55', 59', 84', 86', 88', 5811', 31', 72'. - TOTAL 113 holes

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

DEPTH	AMOUNT AND KIND OF MATERIAL USED
5269' - 5541'	80,000 # of 20/40 sand in 1771 bbls of slick water
5556' - 5872'	80,000# of 20/04 sand in 1968 bbls of slick water

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				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
09/28/96	3 hr IP	3/4"			357		
FLOW TUBING PRESS	CASING PRESS	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
102					1428		

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

TESCT WITNESSED BY

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 Larson Kimberly TITLE SR. OFFICE ASSISTANT

DATE October 17, 1996

NMOCD

FARMINGTON COPY

ACCEPTED FOR RECORD

OCT 28 1996

FARMINGTON DISTRICT OFFICE

BY

38.	GEOLOGIC MARKERS				
	NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH		
39.	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):				FORMATION
	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	
	2300'	2438'			OLD ALAMO
	2438'	2878'			KIKLAND
	2878'	3084'			FRUITLAND
	3084'	3373'			PECTURED CLIFFS
	3373'	5282'			LEWIS
	5282'	5326'			CLIFFHOUSE
	5326'	5555'			MENEFEE
	5555'	5862'			POINT LOOKOUT
	5862'	6322'			MANCOS
	6322'	7595'			GALLUP
	7595'	7652'			GREENHORN
	7652'	7775'			GRANEROS
	7775'	N/A			DAKOTA

WELLBORE DIAGRAM

Location: 1620' FNL, 1665' FWL
SE/4 NW/4 Section 24, T31N, R6W
Rio Arriba Co., NM

Elevation = 6231' GR
KB = 14'

ROSA UNIT #19M
MV/DK

RECEIVED
BLM

96 OCT 25 PM 1:07

070 FARMINGTON, NM

TOPS	DEPTH
OJO ALAMO	2300'
KIRTLAND	2438'
FRUITLAND	2878'
PICTURED CLIFFS	3084'
LEWIS	3373'
CLIFF HOUSE	5282'
MENEFEE	5326'
POINT LOOKOUT	5555'
MANCOS	5862'
GALLUP	6322'
GREENHORN	7595'
GRANEROS	7652'
DAKOTA	7775'

STIMULATION

Cliff House/Menefee: 5269' - 5541'

80,000# of 20/40 sand in 1771 Bbls of slick water

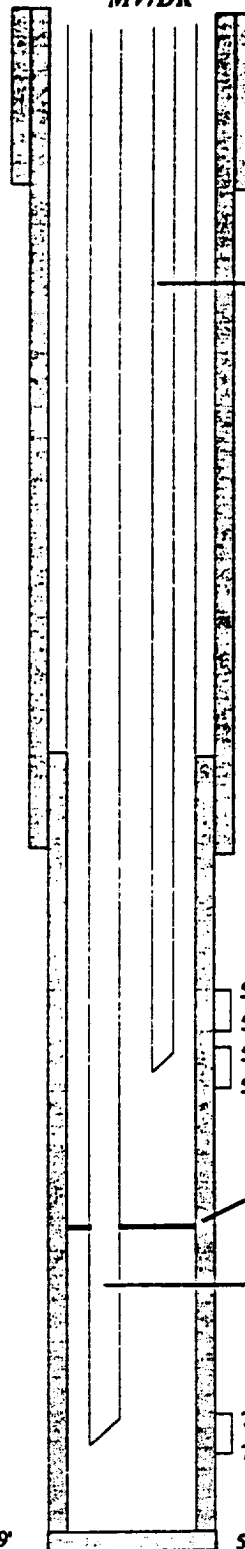
Point Lookout: 5556' - 5872'

80,000# of 20/40 sand in 1968 Bbls of slick water

Dakota: 7788' - 7875'

95,000# of 20/40 Ottawa in 1392 Bbls of 60 qual N2 foam
w/ 30# CMHPG gel X-linked w/ Zirconium.

PBTD @ 7969'



10-3/4" 40.5# J-55 @ 307'

180 jts of 1-1/4", 2.33#, IJ Lonestar as follows: orange peeled perforated jt on bottom, SN (1.062" ID @ 5804') on top of perf jt and 1179 jts of tubing. Landed @ 5833' KB.

7-5/8" 26.4# K-55 @ 3509'

5269'

5541'

5556'

5872'

Mesaverde Perforations

Model "D" packer @ 6050'

239 jts of 1-1/2", 2.9#, EUE Lonestar as follows:
1/2 mule show on bottom, SN (1.375" ID @ 7827') on top of bottom jt. 54 jts of tail pipe, 5 seal units, 183 jts of tubing, 1 4' pup, 1 8' pup and 1 jt of 1-1/2" tbg on top. Landed @ 7862' KB.

7788'

7875'

Dakota Perforations

5-1/2" 17# N-80 @ 7992'

HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
14-3/4"	10-3/4" 40.5#	285 sx	336 cu.ft.	SURFACE
9-7/8"	7-5/8" 26.4#	780 sx	1420 cu.ft.	SURFACE
6-3/4"	5-1/2" 17#	440 sx	611 cu.ft.	3010' (CBL)