

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-078766

6. IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

7. UNIT AGREEMENT NAME
ROSA UNIT

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

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #160

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 3102 MESA, NM 87401 (918) 573-6254

9. API WELL NO.
30-039-25890

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 1250' FSL & 790' FEL
At top production interval reported below:
At total depth:

10. FIELD AND POOL, OR WILDCAT
ROSA PICTURED CLIFFS

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SE/4 SE/4 SEC 25-31N-6W

14. PERMIT NO. DATE ISSUED

12. COUNTY OR
RIO ARRIBA 13. STATE
NEW MEXICO

15. DATE
SPUDDED
08/31/1998

16. DATE T.D.
REACHED
09/08/1998

17. DATE COMPLETED (READY TO PRODUCE)
05-30-2000

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6438' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6220' MD

21. PLUG, BACK T.D., MD & TVD
6185' MD

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)*
ROSA PICTURED CLIFFS - 3299' - 3411'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR, CBL & CCL

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#	269'	12-1/4"	150 SX - SURFACE	
7" K-55	20#	3720'	8-3/4"	685 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"	3562'	6220'	315 SX		2-3/8"	3404'	3464'

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

Pictured Cliffs: 3299', 3307', 20', 29', 46', 48', 50', 52', 54', 56', 58', 61', 63', 68', 69', 74', 94', 3401', 02' and 11', Total of 20 (0.38") holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3299'- 3411'	80,000# 20/40 Sand & 2100# 14/40 flex sand in 70Q foam & 30# x-link gel

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
6/12/00	3 hr	3/4"			261		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
SITP - 730	SICP - 1095				2,085		

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 Inacy Ross TITLE Production Analyst DATE June 14, 2000

ACCEPTED FOR RECORD

JUN 23 2000

RECEIVED OFFICE

ENCLOSURE

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	2655'	3035'					
FRUITLAND	3035'	3270'					
PICTURED CLIFFS	3270'	5445'					
CLIFF HOUSE	5445'	5705'					
POINT LOOKOUT	5705'	6220'					
MANCOS	6220'						

ROSA UNIT #160
BLANCO PC/MV

Elevation: 6438' GR
KB = 12'

Spud Date 8-31-1998
MV Completion Date 9-30-1998
PC Completion Date 5-30-2000

<i>Tops</i>	<i>Depth</i>
Kirtland	2655'
Fruitland	3035'
Pictured Cliffs	3270'
Cliff House	5445'
Point Lookout	5705'
Mancos	6220'

6 jts of 9-5/8", 36#, K-55, ST&C csg.
Set @ 269' KB

Pictured Cliffs Tubing: Ran 109 jts 2-3/8", 4.7#, J-55, EUE tbg with mule shoe on bottom and SN 1 jt off bottom. Landed @ 3404'

Mesaverde Tubing: Ran 190 jts 2-3/8", 4.7#, J-55, EUE tbg with mule shoe on bottom and SN 1 jt up. Landed @ 5958'.

Arrow model "B" packer @ 3464'

- Top of Liner @ 3562' KB.

84 jts of 7", 20#, K-55, ST&C csg
Set @ 3720' KB

3299'

3411'

5172'

5616'

5678'

6003'

60 jts of 4-1/2", 10.5#, K-55, ST&C csg
Set @ 3562' KB - 6220' KB

PBTD @ 6185'

TD @ 6220'

STIMULATION: 9-30-98

CliffHouse/Menefee 5172' - 5616' (35, 0.38" holes)
78,000# of 20/40 sand in 2050 BBL's slick water.

Point Lookout 5678' - 6003' (50, 0.38" holes)
82,000# of 20/40 sand in 2790 BBL's slick water.

STIMULATION: 5-25-00

Pictured Cliffs 3299' - 3411' (20, 0.38" holes)
80,000# of 20/40 Az sand & 2100# 14/40 flex sand in 70Q
foam & 30# x-link gel

HOLE SIZE	CASING	CEMENT	CMT TOP
12-1/4"	9-5/8"	150 s x	SURFACE
8-3/4"	7"	685 s x	SURFACE
6-1/4"	4-1/2"	315 s x	3671' (CBL)