

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-078767

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME
ROSA UNIT

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #125

9. API WELL NO.
30-039-25144

10. FIELD AND POOL, OR WILDCAT
~~IGNACIO~~ BLANCO MV

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
NW/4 NE/4 SEC 13-31N-6W

12. COUNTY OR
RIO ARriba

13. STATE
NEW MEXICO

19. ELEVATION CASINGHEAD

ROTARY TOOLS
X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

27. WAS WELL CORED
NO

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) 561-6678

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface 970' FNL & 1190' FEL
At top production interval reported below : At total depth:

14. PERMIT NO. DATE ISSUED
15. DATE SPUDDED 11-8-1991 16. DATE T.D. REACHED 12-5-1991 17. DATE COMPLETED (READY TO PRODUCE) 4-23-1998 18. ELEVATIONS (DK, RKB, RT, GR, ETC.)* 6491' GR

20. TOTAL DEPTH, MD & TVD 8242' 21. PLUG, BACK T.D., MD & TVD 8230' 22. IF MULTICOMP., HOW MANY 2 23. INTERVALS DRILLED BY

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
IGNACIO BLANCO MV 4798' - 6067'

26. TYPE ELECTRIC AND OTHER LOGS RUN
CBL, GAS SPECTRUM,

28. CASING REPORT (Report all strings set in well)		WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
CASING SIZE/GRADE						
10-3/4" K-55		40.5#	416'	12-3/4"	400 SX - SURFACE	
7-5/8" K-55		24.6#	4225'	9-7/8"	1505 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"	2524'	8241'	875 SX		2-3/8"	4895'	

31. PERFORATION RECORD (Interval, size, and number)
Lewis: 4798', 99', 4800', 01', 02', 03', 04', 05', 06', 07', 08', 09', 10', 11', 12', 13', 14', 15', 16', 17', 18', 19', 20', 21', 22', 23', 4881', 82', 83', 84', 85', 86', 87', 88', 89', 90', 91', 92', 93', 94'. Total of 38 0.36" holes.
CH/Menefee: 5234', 39', 43', 47', 51', 55', 59', 63', 67', 71', 75', 79', 5333', 36', 39', 80', 89', 5516', 18', 52', 54'. Total of 22 0.36" holes.
Pt Lookout: 5803', 06', 09', 12', 36', 39', 42', 45', 48', 50', 59', 67', 70', 73', 77', 81', 84', 87', 91', 95', 99', 6901', 21', 23', 25', 6014', 47', 67'. Total of 28 0.36" holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4798' - 4894'	84,480# 20/40 Sand in 453 BBIs slick water
5234' - 5554'	78,540# 20/40 Sand in 2226 BBIs slick water
5803' - 6067'	82,000# 20/40 Sand in 2136 BBIs slick water

33. PRODUCTION

DATE OF FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)	WELL STATUS (PRODUCING OR SI)
	Flowing	SHUT IN

DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
4-30-1998	3 hrs				113		

FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (COR)
20#	145#			900		

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 May 5, 1998

RECEIVED
MAY - 7 1998

OIL CON. DIV.
DIST. 3

38 GEOLOGIC MARKERS

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)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					NAME	MEASURED DEPTH
						TRUE VERTICAL DEPTH
OJO ALAMO	2710'	3170'				
FRUITLAND	3170'	3427'				
PICTURED CLIFFS	3427'	3640'				
LEWIS	3640'	5232'				
CLIFF HOUSE	5232'	5582'				
MENEFEE	5582'	5824'				
POINT LOOKOUT	5824'	6151'				
MANCOS	6151'	7900'				
GRNEROS	7900'	8008'				
DAKOTA	8008'					

ROSA UNIT #125

970' FNL 1190' FEL
13-31N-6W
RIO ARRIBA, NM

Elevation: 6491' GR
KB: 15'

Ojo Alamo	2710'
Frutland	3170'
Pictured Cliffs	3427'
Lewis	3640'
Cliff House	5232'
Menefee	5582'
Point Lookout	5824'
Mancos	6151'
Graneros	7900'
Dakota	8008'

4/05/1998 - 4/24/1998

Plugged Dakota formation with 65 sx class "H" below retainer and 10 sx above.

Perforate Lewis with 38 holes from 4798' to 4894'. Frac with 84,480# 20/40 sand in 453 BBIs slick water.

Perforate Cliff House/Menefee 22 holes from 5234' to 5554'. Frac with 78,540# 20/40 Arizona sand in 2226 BBIs slick water.

Perforate Point Lookout 28 holes from 5803' to 6067'. Frac with 82,000# 20/40 Arizona sand in 2136 BBIs slick water.

Lewis perms:
4798'- 4894'

CH/Menefee perms:
5234'- 5554'

Point Lookout perms:
5803'-6067'

Dakota perms:
7942'-8174'

PBTD 8230'

TD: 8242'

10-3/4", 40.5#, K-55 @ 416'.
Cement with 400 sx. TOC @ surface

Liner top @ 2524'

DV tool @ 2760'

2-3/8", 4.7#, J-55, 8rd, EUE @ 4895'

7-5/8", 24.6#, K-55 @ 4225'.
Cement 1st stage with 555 sx, 2nd stage with 950 sx. TOC @ surface. 9-7/8" hole

3 squeeze holes @ 4900'. Squeezed with 70 sx cmt.

3 squeeze holes @ 5120'. Squeezed with 50 sx cmt.

Cement retainer @ 7881'.

4-1/2", 11.6#, N-80 @ 8242'.
Cement with 875 sx. Sq TOL with 320 sx. Liner hanger did not set. No returns while cementing. 6-3/4" hole
Liner 2524' to 8242'