

(See other  
instructions on  
reverse side)

5. LEASE DESIGNATION AND  
LEASE NO. SF-078771

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

6. IF INDIAN, ALLOTTEE OR

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. UNIT AGREEMENT NAME ROSA UNIT (008480)	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORKOVER <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF.RESVR. <input type="checkbox"/> OTHER _____		8. FARM OR LEASE NAME, WELL NO. ROSA UNIT #8	
2. NAME OF OPERATOR NORTHWEST PIPELINE CORPORATION		9. API WELL NO. 30-039-07944	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 58900 MS 2M3 SALT LAKE CITY, UTAH 84158-0900 (801) 584-6981		10. FIELD AND POOL, OR WILDCAT ROSA PICTURED CLIFFS 96175	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): 1100' FSL & 900' FWL At Surface At top production interval reported below At total depth		11. SEC., T.R., M., OR BLOCK AND SURVEY OR AREA SW/4 SW/4 SEC. 26, T31N R6W	
15. DATE SPUDDED 07/02/55		16. DATE T.D. REACHED 08/17/55	
17. DATE COMPLETED (READY TO PRODUCE) 08/01/94		18. ELEVATIONS (DK, RKB, RT, GR, ETC.)* 6428' GR	
20. TOTAL DEPTH, MD & TVD 5865'		21. PLUG, BACK T.D., MD & TVD 5865'	
22. IF MULTICOMP., HOW MANY 2		23. INTERVALS DRILLED BY +++++	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* PICTURED CLIFFS 3272' TO 3327'		12. COUNTY OR PARISH RIO ARRIBA	
26. TYPE ELECTRIC AND OTHER LOGS RUN CASED HOLE: GR/CCL/CBL PND-S		13. STATE NEW MEXICO	
25. WAS DIRECTIONAL SURVEY MADE YES		19. ELEVATION CASINGHEAD 6428'	
27. WAS WELL CORED NO		22. COUNTY OR PARISH RIO ARRIBA	

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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" H-40	32.75#	235'	13-3/4"	102 SX	158 cu.ft. SURFACE
7-5/8" J-55	26.4#	3625'	9-7/8"	200 SX	347 cu.ft. 2050'(CBL)

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2" J-55	3511'	5712'	100 SX (136 cu.ft.)		1-1/2" 2.9#	3324'	4000'

31. PERFORMANCE RECORD (Interval, size, and number) 3272' TO 3287', 3294' TO 3307', 3311' TO 3327' TOTAL OF 38 .36" DIA HOLES.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		3272'	3327' 98,300# 18,396 GAL 30# X-LINK IN 70 QUALITY FOAM

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	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
08/21/94	3	3/4"	+++++	0	321	0	N/A
FLOW TUBING PRESS 198#	CASING PRESSURE 791#	CALCULATED 24-HOUR RATE		OIL - BBL. 0	GAS - MCF 2,556	WATER - BBL. N/A	OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY  
CHIK CHARLEY

35. LIST OF ATTACHMENTS:  
LOGS, 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 KATHY BARNEY *Kathy Barney* TITLE SR. OFFICE ASSISTANT DATE August 24, 1994

ACCEPTED FOR RECORD

\*(See Instructions and Spaces for Additional Data on Reverse Side)  
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

AUG 26 1994

FARMINGTON DISTRICT OFFICE

RV

Smm

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			
					NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH	
<u>NACIMIENTO</u>								
000 ALAMO	2420'	2588'						
KIRTLAND	2588'	3090'						
FRUITLAND	3090'	3305'						
PICTURED CLIFFS	3305'	3612'						
LEWIS	3612'	5387'						
CLIFF HOUSE	5387'	5438'						
MENEFFEE	5438'	5658'						
POINT LOOKOUT	5658'	N/A						
TD	N/A	N/A						

## WELLBORE DIAGRAM ROSA UNIT #8 PC/MV

Location: SW/4 SW/4 Sec. 26  
T31N,R06W, Rio Arriba Co., NM  
Elevation: 6428' GR  
KB = 12'

**TCPS:**

NACIMIENTO	n/a
OJO ALAMO	2420'
KIRTLAND	2588'
FRUITLAND	3090'
PICTURED CLIFFS	3305'
LEWIS	3612'
CLIFF HOUSE	5387'
MENELEE	5438'
POINT LOOKOUT	5658'

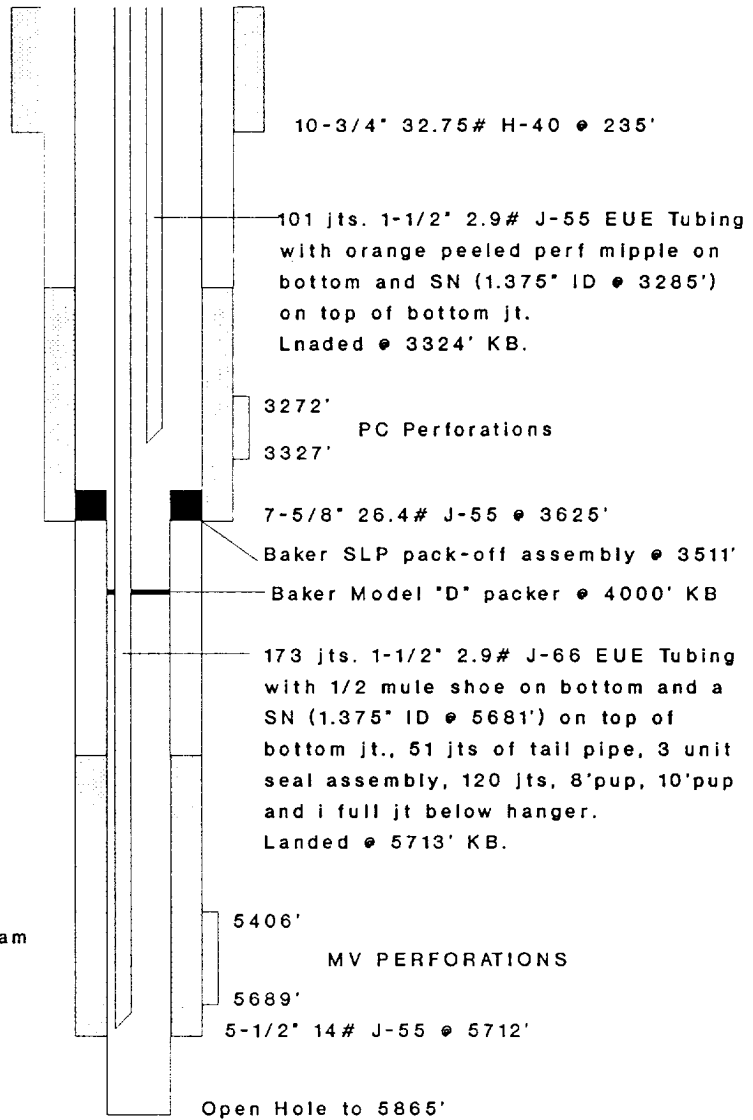
**STIMULATION:**

**MV:**

1. 5712'- 5865'  
20,000# of sand in 20,000# gals oil.
2. 5406'- 5889'  
18,000# of sand in 18,000 gals oil.

**PC:**

3272'to 3327'  
98,300# 20/40, 18,396 gals of 30#  
Borate X-Link gel in a 70 quality foam



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
10-3/4"	10-3/4" 32.75#	102 SX	158 CU.FT.	SURFACE
7-5/8"	7-5/8" 26.4#	200 SX	347 CU.FT.	2050'(CBL)
5-1/2"	5-1/2" 14#	100 SX	136 CU.FT.	4626'(calc)