

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

(See other
instructions on
reverse side)

5. LEASE DESIGNATION AND
LEASE NO. **SF-078766**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6. IF INDIAN, ALLOTTEE OR

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

7. UNIT AGREEMENT NAME
ROSA UNIT (008480)

2. NAME OF OPERATOR
NORTHWEST PIPELINE CORPORATION

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #139

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 58900 MS 2M3 SALT LAKE CITY, UTAH 84158-0900 (801) 584-6981

9. API WELL NO.
30-045-29144

0. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
1008' FNL & 1496' FWL
At Surface

10. FIELD AND POOL, OR WILDCAT
ROSA PICTURED CLIFFS 96175

At top production interval reported below

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
NE/4 NW/4 SEC. 17, T31N R6W

At total depth

12. COUNTY OR
PARISH
SAN JUAN
13. STATE
NEW MEXICO

15. DATE
SPUDDED
08/15/94
16. DATE T.D.
REACHED
08/23/94
17. DATE COMPLETED
(READY TO PRODUCE)
11/05/94

14. PERMIT
NO.
DATE ISSUED
6419' GR

19. ELEVATION CASINGHEAD
6419'

20. TOTAL DEPTH, MD & TVD
6075'

21. PLUG, BACK T.D., MD & TVD
6053'

22. IF
MULTICOMP., HOW
MANY
PC/MV

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 3234' TO 3319'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
CASED HOLE: GR/CCL/CBL OPEN HOLE: IND/GR/CDL/CNL

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#	271'	12-1/4"	150 SX	179 cu.ft.	SURFACE	
7" K-55	20#	3670'	8-3/4"	600 SX	1149 cu.ft.	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" K-55	3529'	6075'	240 SX (415 cu.ft.)		1-1/2" 2.9#	3318'	4025'

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

3234' TO 3248'
3261' TO 3285'
3290' TO 3294'
3301' TO 3307'
3313' TO 3319'
TOTAL OF 32 .36" DIA HOLES

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

DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3234'	3319'	108,300# 20/40 SAND	18,900 GALS 30# X-LINK 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 11/09/94	HOURS TESTED 3 HR. PITOT	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD----->	OIL - BBL. 0	GAS - MCF 77	WATER - BBL. 0	GAS-OIL RATIO N/A
FLOW TUBING PRESS N/A	CASING PRESSURE 316	CALCULATED 24-HOUR RATE----->		OIL - BBL. 0	GAS - MCF 615	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, DEVIATION REPORT & WELLBORE DIAGRAM.**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED **MARK MCCALLISTER** *Mark McCallister* TITLE **SR. ENGINEER** DATE **November 9, 1994**

*(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.

FAIRMONT DISTRICT OFFICE

NMOCD

ROSA UNIT #139									
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>MACINIENTO</u>									
OJO ALAMO	2368'		2482'						
KIRTLAND	2482'		2938'						
FRUITLAND	2938'		3234'						
PICTURED CLIFFS	3234'		3548'						
LEWIS	3548'		5341'						
CLIFF HOUSE	5341'		5435'						
MENEFEE	5435'		5671'						
POINT LOOKOUT	5671'		5972'						
MANCOS	5972'		N/A						
TD	6075'								