

In Lieu of
Form 3160-4
(July 1992)

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**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR

1a. TYPE OF WELL: OIL WELL GAS WELL DRY
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
At top production interval reported below
At total depth

10. FIELD AND POOL, OR WILDCAT
BLANCO MESAVERDE 72319

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

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH SAN JUAN	13. STATE NEW MEXICO
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15. DATE SPUNDED 08/15/94	16. DATE T.D. REACHED 08/23/94	17. DATE COMPLETED (READY TO PRODUCE) 11/05/94	18. ELEVATIONS (DK, RKB, RT, GR, ETC.) * 6419' GR	19. ELEVATION CASINGHEAD 6419'
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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
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) *
BLANCO MESAVERDE 5411' TO 5919'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
CASED HOLE: GR/CCL/CBL OPEN HOLE: 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
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#	5897'	4025'

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

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

1 STAGE
5682', 5684', 5689', 5691', 5693', 5695', 5697', 5699', 5701', 5703', 5705', 5710', 5712', 5714', 5716', 5718', 5720', 5727', 5729', 5731', 5733', 5735', 5738', 5740', 5742', 5744', 5769', 5771', 5779', 5782', 5785', 5794', 5797', 5800', 5803', 5806' 5811', 5825', 5867', 5881', 5895', 5919'.
TOTAL OF 42 .36" HOLES

2 STAGE
5411', 5415', 5457', 5459', 5461', 5463', 5481', 5483', 5485', 5487', 5489', 5506', 5533', 5537', 5541', 5543', 5545', 5556', 5558', 5560', 5562', 5564', 5566', 5568', 5580', 5582', 5584', 5586', 5588', 5590', 5592', 5600' 5603', 5615', 5634', 5645', 5650', 5656'.
TOTAL OF 38 .36" HOLES

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5682' - 5919'	75,000# 20/40 SAND 100,212 GALS SLICK WATER
5411' - 5656'	65,300# 20/40 SAND 69,468 GALS SLICK WATER

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 4 HR. PITOT	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD ----->	OIL - BBL. 0	GAS - MCF 537	WATER - BBL. 0	GAS-OIL RATIO N/A
FLOW TUBING PRESS N/A	CASING PRESSURE N/A	CALCULATED 24-HOUR RATE ----->		OIL - BBL. 0	GAS - MCF 3221	WATER - BBL. N/A	OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY
CHIK CHARLEY

TO BE SOLD

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** 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.

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, flow and shut-in pressures, and recoveries).	38. GEOLOGIC MARKERS							
	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	MEASURED DEPTH	TRUE VERTICAL DEPTH
<u>MACJIMIENTO</u>	<u>SURFACE</u>							
OJO ALAMO	2368'	2482'						
KIRTLAND	2482'	2938'						
FRUITLAND	2938'	3234'						
PICTURED CLIFFS	3234'	3548'						
LEWIS	3548'	5341'						
CLIFF HOUSE	5341'	5435'						
MENEFE	5435'	5671'						
POINT LOOKOUT	5671'	5972'						
MANCOS	5972'	N/A						
TD	6075'							