

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

6. IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 2110:00

7. UNIT AGREEMENT NAME
ROSA UNIT (008480)

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

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #145

2. NAME OF OPERATOR
NORTHWEST PIPELINE CORPORATION

9. API WELL NO.
30-045-29166

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
BLANCO MESAVERDE 72319

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
1679' FNL & 1835' FEL
At Surface
At top production interval reported below
At total depth

RECEIVED
OCT 31 1994
OIL CON. DIV.

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SW/4 NE/4 SEC. 16, T31N R6W

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

15. DATE SPUDDED
08/24/94
16. DATE T.D. REACHED
09/01/94
17. DATE COMPLETED (READY TO PRODUCE)
10/14/94

19. ELEVATION CASINGHEAD
6322'

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6322' GR

20. TOTAL DEPTH, MD & TVD
5960'
21. PLUG, BACK T.D., MD & TVD
5938'

22. IF MULTICOMP., HOW MANY
2
23. INTERVALS DRILLED BY
ROTARY TOOLS X
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BLANCO MESAVERDE 5363' TO 5875'

25. WAS DIRECTIONAL SURVEY MADE
YES

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

27. WAS WELL CORED
NO

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#	524'	12-1/4"	300 SX	385 179 cu.ft.	SURFACE	
7" K-55	20#	3590'	8-3/4"	600 SX	1149 cu.ft.	SURFACE	

LINER RECORD				TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2" K-55	3458'	5960'	424 245 SX (644 cu.ft.)		1-1/2" 2.9#	5880'	4000'

31. PERFORMANCE RECORD (Interval, size, and number)
1ST STAGE
5627', 30', 33', 36', 39', 42', 45', 48', 51', 57', 60', 63', 66', 69', 83', 86', 89', 92', 97', 99',
5707', 09', 12', 15', 18', 21', 34', 36', 38', 50', 53', 56', 67', 98', 5817', 40', 43', 46', 49', 69',
72', 75'.
TOTAL OF 42 .36" DIA HOLES
2ND STAGE
5363', 66', 68', 71', 73', 5401', 07', 09', 11', 13', 16', 18', 20', 22', 24', 26', 28', 30', 32', 54',
73', 96', 5507', 26', 28', 30', 32', 43', 79', 81', 5603', 21'.
TOTAL OF 32 .36" DIA HOLES

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5627'	5875'	78,500# 20/40 SAND	88,746 GALS OF SLICK WATER
5363'	5621'	66,000# 20/40 SAND	82,286 GALS OF SLICK WATER

33. PRODUCTION							
DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SHUT IN)	
		FLOWING				SHUT IN	
DATE OF TEST 10/19/94	HOURS TESTED 3 PITOT	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD ----->>>>>>	OIL - BBL. 0	GAS - MCF 380	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 30	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 MARK MCCALLISTER
TITLE SR. ENGINEER DATE OCT 25 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.

FARMINGTON DISTRICT OFFICE

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.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS	
					NAME	TOP
				MEASURED DEPTH		TRUE VERTICAL DEPTH
				SURFACE		
				NACIMIENTO		
010 ALAMO	2330'				2445'	
KIRTLAND	2445'				2907'	
FRUITLAND	2907'				3159'	
PICTURED CLIFFS	3159'				3518'	
LEWIS	3518'				5300'	
CLIFF HOUSE	5300'				5397'	
MENEFEE	5397'				5623'	
POINT LOOKOUT	5623'				5884'	
MANCOS	5884'				N/A	
TD	5960'					