

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
AUG 16 1994
OIL CON. DIV.
DIST. 3

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-078771**

6. IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____		7. UNIT AGREEMENT NAME ROSA UNIT (008480)	
b. TYPE OF COMPLETION: NEW WELL ☒ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF.RESVR. ☐ OTHER _____			
2. NAME OF OPERATOR NORTHWEST PIPELINE CORPORATION		8. FARM OR LEASE NAME, WELL NO. ROSA UNIT #5A	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 58900 MS 2M3 SALT LAKE CITY, UTAH 84158-0900 (801) 584-6981		9. API WELL NO. 30-039-25407	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* 845' FSL & 1131' FEL At Surface At top production interval reported below At total depth		10. FIELD AND POOL, OR WILDCAT MESAVERDE 72319	
		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SE/4 SE/4 SEC. 26, T31N R6W	
		14. PERMIT NO.	DATE ISSUED
		12. COUNTY OR PARISH RIO ARriba	13. STATE NEW MEXICO
15. DATE SPUDDED 06/13/94	16. DATE T.D. REACHED 06/20/94	18. ELEVATIONS (DK, RKB, RT, GR, ETC.) * 6425' GR	
17. DATE COMPLETED (READY TO PRODUCE) 07/23/94		19. ELEVATION CASINGHEAD 6425'	
20. TOTAL DEPTH, MD & TVD 6065'		21. PLUG, BACK T.D., MD & TVD 6041'	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)* MESAVERDE 5433' TO 5965'		25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN CASED HOLE: GR/CCL/CBL OPEN HOLE: IND/GR/CDL/CNL MD		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
9-5/8" K-55	36#	267'	12-1/4"
7" K-55	20#	3740'	8-3/4"
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
135 SX 161 cu.ft. SURFACE			
525 SX 992 cu.ft. 600' (SURV)			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4-1/2" K-55	3617'	6065'	230 SX (398 cu.ft.)
30. TUBING RECORD		PACKER SET (MD)	
1-1/2" 2.9# 5848'		4000'	
31. PERFORMANCE RECORD (Interval, size, and number)			
STAGE 1: 5656', 60', 64', 68', 72', 76', 91', 93', 5706', 10', 14', 18', 22', 26', 32', 36', 40', 44', 63', 77', 80', 84', 88', 96', 5800', 04', 08', 27', 29', 31', 69', 73', 86', 88', 5902', 06', 10', 65'. TOTAL OF 38 .36" DIA HOLES.			
STATE 2: 5433', 35', 37', 39', 59', 61', 63', 72', 91', 93', 95', 5503', 05', 31', 36', 41', 43', 45', 53', 55', 65', 87', 96', 98', 5600', 03', 05', 07', 11', 16'. TOTAL OF 30 .36" DIA HOLES.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5656' 5965'		136,000# 134,568 GAL 20/40 SAND	
5433' 5616'		81,400# 86,856 GAL 20/40 SAND	
33. PRODUCTION			
DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) FLOWING	
DATE OF TEST 08/03/94		CHOKE SIZE 3/4"	
HOURS TESTED 3		PROD'N FOR TEST PERIOD----- 0	
FLOW TUBING PRESS 195#		OIL - BBL. 0	
CASING PRESSURE N/A		GAS - MCF 321	
CALCULATED 24-HOUR RATE----- 0		WATER - BBL. 0	
		GAS - MCF 2578	
		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 KATHY BARNEY		TITLE SR. OFFICE ASSISTANT DATE August 8, 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, 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>							
OJO ALAMO	2482'	2600'					
KIRTLAND	2600'	3032'					
FRUITLAND	3032'	3246'					
PICTURED CLIFFS	3246'	3640'					
LEWIS	3640'	5431'					
CLIFF HOUSE	5431'	5466'					
MENEFEE	5466'	5650'					
POINT LOOKOUT	5650'	5907'					
MANCOS	5907'	N/A					
TD	6065'						