

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

RECEIVED
BLM
(See other
instructions on
reverse side)

5. LEASE DESIGNATION AND
LEASE NO. SF-078771

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 checked="" type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESV. <input type="checkbox"/>	070. FARMING DIST. NM	8. FARM OR LEASE NAME, WELL NO. ROSA UNIT #8A
2. NAME OF OPERATOR NORTHWEST PIPELINE CORPORATION	SEP 1 2 1994	9. API WELL NO. 30-039-25430
3. ADDRESS AND TELEPHONE NO. P.O. BOX 58900 MS 2M3 SALT LAKE CITY, UTAH 84158-0900 (801) 584-6981	OIL CON. DIV. DIST. 3	10. FIELD AND POOL, OR WILDCAT ROSA PICTURED CLIFFS 96175
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): 963' FNL & 1184' FWL At Surface At top production interval reported below At total depth	14. PERMIT NO. DATE ISSUED	11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/4 NW/4 SEC. 26, T31N R6W
15. DATE SPUNDED 07/02/94	16. DATE T.D. REACHED 07/09/94	12. COUNTY OR PARISH RIO ARriba
17. DATE COMPLETED (READY TO PRODUCE) 08/29/94	18. ELEVATIONS (DK, RKB, RT, GR, ETC.)* 6474' GR	13. STATE NEW MEXICO
20. TOTAL DEPTH, MD & TVD 5955'	21. PLUG, BACK T.D., MD & TVD 5932'	19. ELEVATION CASINGHEAD 6474'
22. IF MULTICOMP., HOW MANY 2	23. INTERVALS DRILLED BY ----->	ROTARY TOOLS X
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* PICTURED CLIFFS 3113' TO 3208'	25. WAS DIRECTIONAL SURVEY MADE YES	CABLE TOOLS
26. TYPE ELECTRIC AND OTHER LOGS RUN CASED HOLE: GR/CCL/CBL PND-S OPEN HOLE: GR/IES/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#	253'	12-1/4"	150 SX 177 cu.ft. SURFACE	
7" K-55	20#	3584'	8-3/4"	550 SX 1044 cu.ft. SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2" K-55	3485'	5955'	235 SX (407 cu.ft.)		1-1/2" 2.9#	3203'	3880'

31. PERFORMANCE RECORD (Interval, size, and number)
3113' TO 3119', 3127' TO 3145', 3156' TO 3198' 3202' TO 3208'
TOTAL OF 40 .36" DIA HOLES.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3113' 3208'	108,500# 20/40 SAND 22,680 GALS OF 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 08/31/94	HOURS TESTED 4	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD----->	OIL - BBL. 0	GAS - MCF 462	WATER - BBL. 0	GAS-OIL RATIO N/A
FLOW TUBING PRESS N/A	CASING PRESSURE 767#	CALCULATED 24-HOUR RATE----->		OIL - BBL. 0	GAS - MCF 2,774	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 TITLE SR. OFFICE ASSISTANT DATE September 2, 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.

RECORDED

FARMINGTON DISTRICT OFFICE

By

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>	<u>SURFACE</u>						
0J0 ALAMO	2327'	2459'					
KIRTLAND	2459'	2910'					
FRUITLAND	2910'	3112'					
PICTURED CLIFFS	3112'	3436'					
LEWIS	3436'	5277'					
CLIFF HOUSE	5277'	5382'					
MENESEE	5382'	5577'					
POINT LOOKOUT	5577'	5896'					
MANCOS	5896'	N/A					
TD	5955'						