

In Lieu of
Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use
"APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

| | |
|---|---|
| 1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | 5. Lease Designation and Serial No. SF-078764 |
| 2. Name of Operator NORTHWEST PIPELINE CORP. | 6. If Indian, Allottee or Tribe Name |
| 3. Address and Telephone No. PO BOX 58900 SLC UTAH 84158-0900 (801)584-6981 | 7. If Unit or CA, Agreement Designation ROSA UNIT |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1321' FSL 820' FWL SEC. 31, T31N, R5W | 8. Well Name and No. ROSA UNIT #137 |
| | 9. API Well No. 30-039-25410 |
| | 10. Field and Pool, or Exploratory Area WILDCAT; ROSA PICTURED CLIFFS/MESAVERDE |
| | 11. County or Parish, State RIO ARRIBA, NEW MEXICO |

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|--|
| <input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>COMPLETION OPERATIONS</u> |
| | <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) |

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

06/22/94 Pressure tested csg to 3300' for 15 min - no leak off. Ran GR/CCL/CBL from TD top of Fruitland. Perforate Point Lookout with 34 holes from 5765', 68', 71', 75', 79', 83', 87', 91', 5800', 04', 08', 12', 16', 30', 38', 53', 57', 61', 65', 74', 78', 82', 86', 5900', 03', 06', 14', 17', 49', 57', 62', 78', 92', 98'. TOTAL OF 34 .36" DIA HOLES.

06/23/94 Point Lookout Stimulation: Stimulated Point Lookout with 120,000# of 20/40 sand in 82632 gallons of slick water @ 1-3 ppg. Well screened during flush. Set a top drillable bridge plug with wireline @ 5758'. Pressure test BP to 3300 psi.

Cliff House/Menefee Stimulation: Perforated Menefee & Cliff House formations with 25 holes 0.32" 5516', 18', 20', 22', 53', 79', 81', 83', 85', 93', 95', 97', 99', 5601', 20', 42', 44', 46', 48', 56', 79', 5708', 22', 32', 40'. TOTAL OF 25 .36" DIA HOLES. Established a rate @ 50 BPM @ 2750' ISIP @ 240#. Stimulated Cliff House/Menefee with 45,800# of 20/40 sand in 36,183 gallons of slick water @ 1 - 3 ppg. Well screened out while pumping sand @ 3 ppg, no flush.

06/29/94 Pictured Cliffs Stimulation: Set a Baker 7" RBP @ 3500' w/ wireline. Pressure test RBP to 3300#. Perforated at: 3360' to 3372', 3400' to 3416', 3426' to 3430', 3444 to 3448, TOTAL 38 .36" DIA HOLES. Established a rate of 30 BPM @ 2310# during a 4500 gal. pad of 30# borate X-link gel in a 50 quality foam. Stimulated PC w/ 100,000# of 20/40 sand @ 1-5 PPG and 30# X-link Borate gel in a 70 quality foam. AIR = 30 BPM, ATP = 3800#, MIR = 30 BPM, MTP = 4190#. Job complete @ 1600 hrs. 6/29/94. ISDP = 1400#.

07/09/94 Mesa Verde: Ran 182 jts (5890') 1-1/2" 2.9# J-55 EUE 10 rd tbg as follows: 1/2 mule shoe on bottom, 58 jts (1863') of tail pipe, 3-2.68" OD seal units, 122 jts (3960'), 1 6' pup jt w/ a full jt below tbg hanger. Landed MV tbg @ 5917' KB.

07/10/94 Pictured Cliffs: Ran 107 jts (3469') 1-1/2" 2.9# J-55 EUE 10 rd tbg w/ 6' perf nipple on bottom & 1.375" SN on top of bottom jt. Landed @ 3483' KB.

14. I hereby certify that the foregoing is true and correct

Signed Kathy Barney Title SR. OFFICE ASSISTANT Date 09/15/94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any: _____

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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

SEP 21 1994

FARMINGTON DISTRICT OFFICE

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