

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.
"APPLICATION FOR PERMIT--" for such proposals

RECEIVED
BLM

SEP 12 PM 3:14

070 FARMINGTON, NM

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. SF-078766
2. Name of Operator NORTHWEST PIPELINE CORP.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. PO BOX 58900 MS 2M3 SLC UTAH 84158-0900 (801)584-6981	7. If Unit or CA, Agreement Designation 892000587 O
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1106' FSL 791' FEL SEC. 22, T31N, R6W	8. Well Name and No. ROSA UNIT #18A
	9. API Well No. 30-039-25436
	10. Field and Pool, or Exploratory Area 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 Interest	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<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"/> Dispose Water
	<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
	(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.)*

08-09-94 Point Lookout Stimulation:

Spot 500 gal 7-1/2% HCL across Point Lookout interval. TOH. PT csg and blind rams to 3300 PSI for 15 min, held OK.

Perforated: 5610', 13', 16', 19', 22', 25', 28', 31', 34', 37', 40', 46', 51', 54', 57', 71', 74', 84', 87', 90', 93', 5716', 33', 75', 78', 81'.

Total of 26 .36" DIA HOLES. Using 3-1/8" carrier.

8-10-94

Stimulated Point Lookout with 88,000# of 20/40 sand @ 1-2 PPG. ATP = 2200#, AIR = 59.5 BPM, MTP = 3260#, MIR = 61.2 BPM. Job completed @ 10:15 hours. ISDP = 1950#, 10 mins = 0 psi. Total fluid to recover = 2521 BBLs.

8-9-94. Cliff House/Menefee Stimulation:

Spotted 500 gal of 7-1/2% HCL across Cliff House/Menefee interval. RU Petro Wireline and Set a CIBP @ 5600'. PT to 3300#, held OK. Perforated at: 5303', 44', 47', 50', 53', 56', 59', 88', 91',

5404', 07', 13', 23', 26', 29', 32', 35', 38', 63', 89', 5513', 17', 21', 44', 56', 58', 74', 81', 85', 89'. Total of 30 .36" DIA HOLES. Stimulated Cliff House/Menefee with 78,800# of 20/40 sand @ 1-1.5 PPG. Well screening out, cut sand with 20,000# left. Flushed to top perforation.

ATP = 1600#, AIR = 60 BPM, MTP = 2870#, MIR = 61.7 BPM. Job complete @ 2145 hours 8-9-94. Total fluid to recover = 1404 BBLs. ISDP = 340#, 15 min = 50#. SDFN.

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

Signed KATHY BARNEY

Title SR. OFFICE ASSISTANT Date 09/07/94

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

*See Instruction on Reverse Side

SEP 1 1994

FARMINGTON DISTRICT OFFICE

BY

8-11-94 Pictured Cliffs Stimulation:

Spotted 500 gal of 7-1/2% HCL across Pictured Cliffs interval. Set 7" RBP @ 3300'. PT to 3300#, held OK. Perforated from: 3139' TO 3157', 3168' TO 3173', 3180' TO 3185', 3188' TO 3204', 3209' TO 3225'. Total of 65 .36" DIA HOLES. Stimulated PC with 112,000# of 20/40 mesh sand in 21,294 gals of 30# X-Link gel in a 70 quantity foam @ 1-4.5 PPG. ATP = 2850#, AIR = 31.6 BPM, MTP = 3610#, MIR = 32.7 BPM. Job completed @ 17:15 hours 8-10-94. ISDP = 1190#. Total fluid to recover = 507 BBLs. SDFN.

8-17-94

Mesa Verde: Ran 181 jts.(5729') of 1-1/2", 2.9#, J-55, EUE 10rd tubing as follows: 1/2 mule shoe on bottom, SN (1.375" ID @ 5707'), 57 jts of tail pipe, 3 unit seal assembly, 123 jts of tubing, 2 (2' & 6') 2-1/16" 3.25# J-55 IJ pups and one full jt below hanger. Landed @ 5739' KB.

8-18-94

Pictured Cliffs: Ran 101 jts. (3203') 2.9# J-55 EUE 10rd tubing a/orange peeled perf nipple on bottom and 5n(1.375" id @ 3176') on top of bottom jt. Landed @ 3214' KB. Pressure tested wellhead to 3000# held OK. Pumped out Oplugs & f;pwed {C and <V to pit. Released rig @ 1400 hrs 08/17/94.