

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 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
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1008' FNL 1496' FWL SEC. 17, T31N, R6W	8. Well Name and No. ROSA UNIT #139
	9. API Well No. 30-045-29144
	10. Field and Pool, or Exploratory Area PICTURED CLIFFS/ BLANCO MESAVERDE
	11. County or Parish, State SAN JUAN, 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 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"/> 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.)\*

10-20-94 Road rig to location and rig up. Pressure test casing. Taking water at 2.5 BPM at 1300 psi. Drain pump and lines. SDON.

10-21-94 TIH with 4-1/2" packer and set at 3559'. Pressure tested 4-1/2" casing to 3300# - OK. Annulus taking 2.5BPM at 1275#. TOH. Picked up 7" packer and TIH. Set packer at 3499' and pressure tested 7" casing to 1500# - OK. Liner top taking 2.5 BPM at 1400#. Mixed and pumped 100 sx (118 cu.ft.) of Cl "B" cement with 2% CaCl2. Tailed with 80 sx (94.4 cu.ft.) of Cl "B" neat cement. Hesitate squeeze cement into liner top. Final squeeze pressure was 2400# and holding steady.

10-22-94 Release packer and TOH. Picked up 6-1/4" bit and TIH tag cement at 3390'. Drilled cement to liner top at 3529'. TOH and picked up 3-7/8" bit. TIH and drilled cement from 3529' to 3559' (hard cement from 3529' to 3338'). Pressure tested casing to 3300# - OK.

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14. I hereby certify that the foregoing is true and correct
Signed <u>MARK MCCALLISTER</u> Title <u>SR. ENGINEER</u> Date <u>11/08/94</u>
(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

NMOC

FARMINGTON DISTRICT OFFICE

10-23-94 Perforated Point Lookout at 5682', 5684', 5689', 5691', 5693', 5695', 5697', 5699', 5701', 5703', 5705', 5710', 5712', 5714', 5716', 5718', 5720', 5727', 5729', 5731', 5733', 5735', 5738', 5740', 5742', 5744', 5769', 5771', 5779', 5782', 5785', 5794', 5797', 5800', 5803', 5806', 5811', 5825', 5867', 5881', 5895', and 5919'. Total of 42 (0.36" dia.) holes. Stimulated Point Lookout with a 27,132 gal pad of slick water, followed by 75,000# of 20/40 sand at 1 - 2 ppg. Job completed at 1800 hrs 10/22/94. ISIP = 200#, 2 min. = 0#. ATP = 1800#, AIR = 80 BPM, MTP = 3200#, MIR = 81.2 BPM. Total fluid = 2386 bbls.

10-25-94 Set CIBP at 5670' and pressure tested casing and plug to 3300# - OK.

10-26-94 Perforated Menefee/ Cliffhouse at 5411', 5415', 5457', 5459', 5461', 5463', 5481', 5483', 5485', 5487', 5489', 5506', 5533', 5537', 5541', 5543', 5545', 5556', 5558', 5560', 5562', 5564', 5566', 5568', 5580', 5582', 5584', 5586', 5588', 5590', 5592', 5600', 5603', 5615', 5634', 5645', 5650', and 5656'. Total of 38 (0.36" dia.) holes. Stimulated Menefee/Cliff House with a 20,000 gal pad of slick water, followed by 65,300# of 20/40 sand at 1 - 2 ppg. Job completed at 1400 hrs 10/25/94. ISIP = 1100#, 5 min. = 600#, 10 min = 520#, 15 min. = 470#. ATP = 2100#, AIR = 69 BPM, MTP = 2870#, MIR = 71.4 BPM. Total fluid = 69,468 gals. Perforate PC at 3234' - 3248' (8 holes), 3261' - 3285' (13 holes), 3290' - 3294' (3 holes), 3301' - 3307' (4 holes), and 3313' - 3319' (4 holes). Total of 32 holes (0.36" dia.) shot at 1 shot/2'.

10-27-94 Stimulated Pictured Cliffs 12,600 gal. pad of 70 quality foam followed by 108,300# of 20/40 sand at 1 - 5 ppg. Job completed at 1300 hrs 10/26/94. ISIP = 1320#. AIR = 31 BPM, ATP = 2900#, MIR = 33.4 BPM, MTP = 3230#. Used 478,000 scf of nitrogen and 450 bbls of 30# borate crosslinked gel.

11-04-94 Mesa Verde tubing: Ran 182 jts (5886') of 1-1/2", 2.9#, J-55, 10rd EUE tubing as follows: 1/2 muleshoe collar on bottom, SN (1.375"ID @ 5866') on top of bottom joint, 57 jts of tail pipe, 3 unit seal assembly, 123 jts of tubing, 1 (7.87') 2-1/16", 3.25#, J-55, 10rd IJ pup and one full jt below hanger. Landed at 5897' KB.

11-05-94 Pictured Cliffs tubing: Ran 103 jts (3307.26') of 1-1/2", 2.9#, EUE 10rd tubing as follows: shaved collar on bottom and a SN (1.375"ID @ 3285') on top of bottom joint. Landed at 3318'KB.