

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

SF 078771

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Rosa Unit

8. FARM OR LEASE NAME

Rosa Unit

9. WELL NO.

#5

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 26, T31N, R6W

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

1. NAME OF OPERATOR

Northwest Pipeline Corporation

2. ADDRESS OF OPERATOR

P.O. Box 90, Farmington, New Mexico 87499

3. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface

990 FNL and 990' FEL

14. PERMIT NO

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6304' GR

BUREAU OF LAND MANAGEMENT
FARMINGTON, NEW MEXICO AREA

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)

Propose to P & A this well as per attached procedure.

RECEIVED
NOV 26 1984
OIL CON. DIV.
DIST. 3

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

SIGNED

Linda S. Marques

TITLE

Prod. & Drlg. Clerk

DATE

NOV 31 1984

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

NOV 08 1984

M. MILLENBACH
AREA MANAGER

*See Instructions on Reverse Side

NMOCC

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.

DATA SHEET

WELL NAME: Rosa Unit #5

DATE: 8/14/84

LOCATION : A Sec. 26, T31N, R6W
Rio Arriba County, New Mexico

ELEVATION: 6304' GR

TOTAL DEPTH: 5740'

FIELD FORMATION: Blanco Mesa Verde

COMPLETED: 12/30/52

INITIAL POTENTIAL: IP=548 MCF/D

<u>CASING RECORD:</u>	<u>Casing Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top Cement</u>
	10 3/4"	40.5# H-40	518'	200 sks	Surface
	7"	23# J-55	5319'	200 sks	
	DV Tool		3400'	125 sks	2560'

TUBING RECORD: 2 3/8" 4.7# J-55 5415'

WELLHEAD:

<u>FORMATION TOPS:</u>			
Ojo Alamo	2330'	Lewis	3450'
Kirtland	2495'	Cliff House	5320'
Fruitland	2860'	Menefee	5395'
Pictured Cliffs	3115'	Point Lookout	5575'

LOGGING RECORD: Electrical Survey - 10/19/52

STIMULATIONS: Shot 5340'-5410' (140 qts SNG)
Perf 3123'-3139', Acidized w/500 gal. 15% HCL and swabbed,
squeezed w/100 sks cement.

WORKOVER HISTORY: None

PRCDUTION HISTORY: Well was not capable of producing hydro carbons and was
never tied into pipeline. Well status - S.I. 4/14/76 -
casing blew dead in 30 sec.. Tubing blew dead in 12 sec..

P&A PROCEDURE:

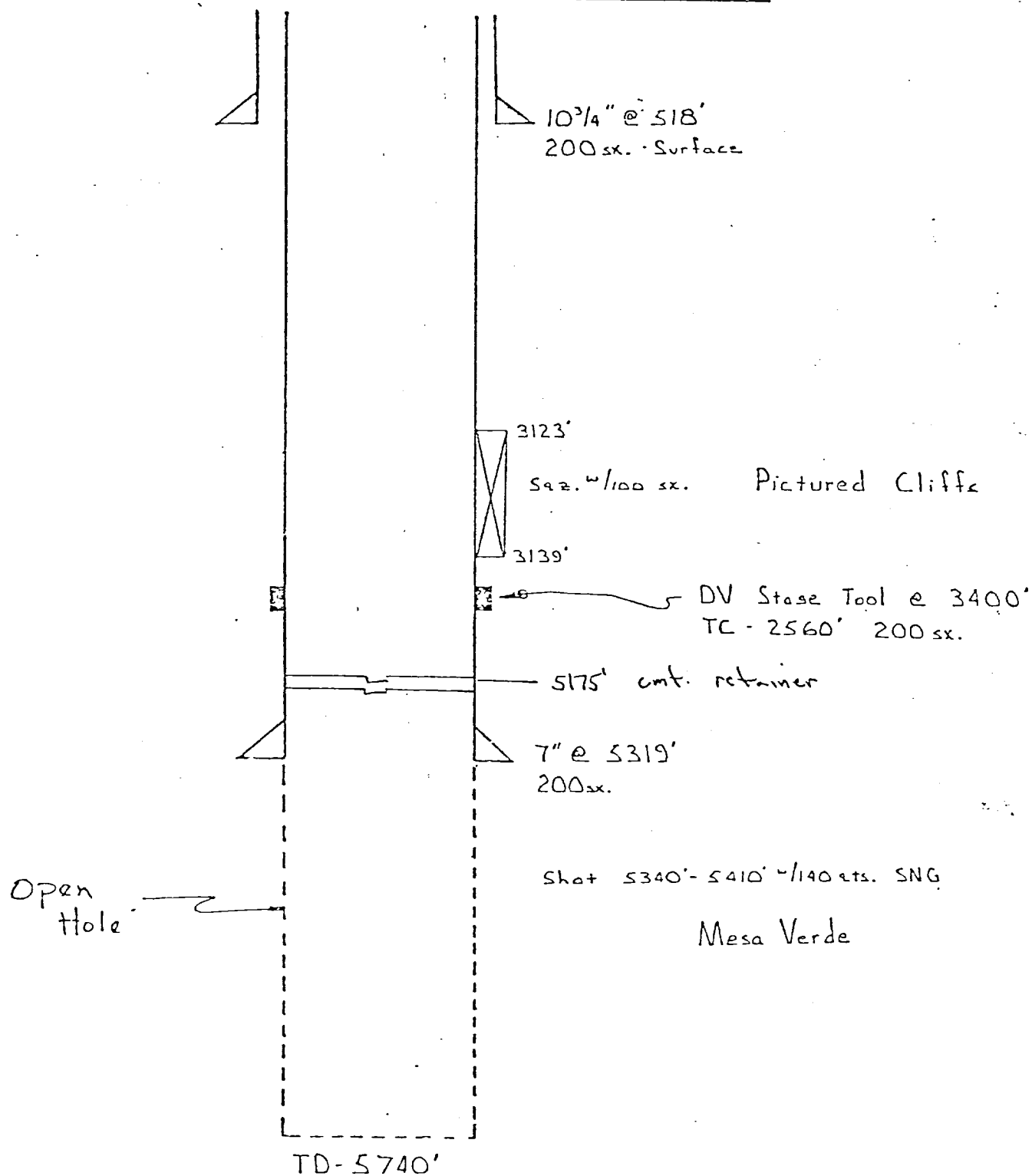
1. Move in P&A Unit and rig up.
2. With wireline shoot four circulation holes at 2330' (Ojo Alamo 2330'-2495').
3. TIH with 2-3/8" and sting into cement retainer at 5175'. Squeeze open
hole with 75 sx Class "B" cement (85 cu. ft. to cover open hole and 7"
shoe to retainer).
4. Come up hole with 2-3/8" tubing, spot 100 sx cement inside 7" across Ojo
Alamo (2330'-2495') and displace with 40 bbls H₂O into Ojo Alamo.
5. TOH with 2-3/8".
6. Locate freepoint of 7" casing by stretch method. Shoot off 7" casing at
freepoint (estimate 1000') and pull casing.

7. TIH with 2-3/8" and spot 50 sack plug cement on top of 7" stub..
8. Come up hole with 2-3/8" tubing and spot 50 sack plug at base of surface casing.
9. TOH with 2-3/8" tubing.
10. Recover surface casing flange and wellhead.
11. Place 15 sack plug on surface and install dry hole marker.
12. Cleanup location. Recontour and seed location.


MJT/skl

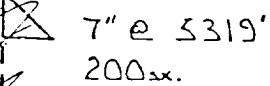
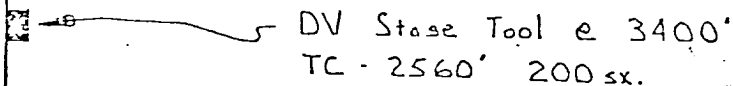
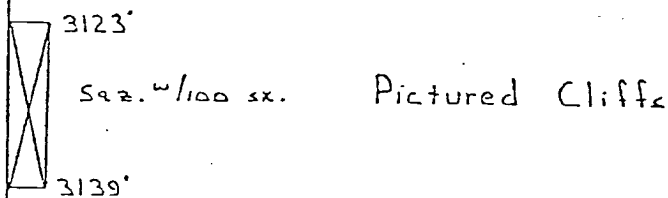
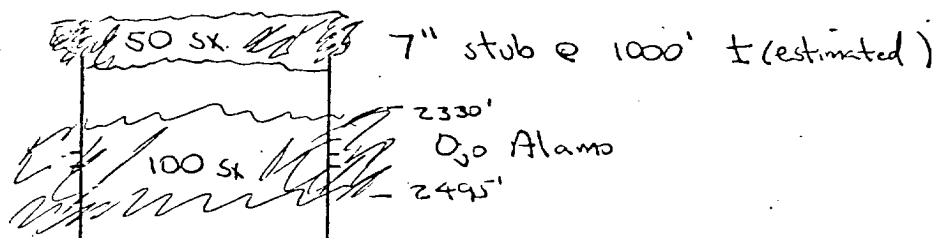
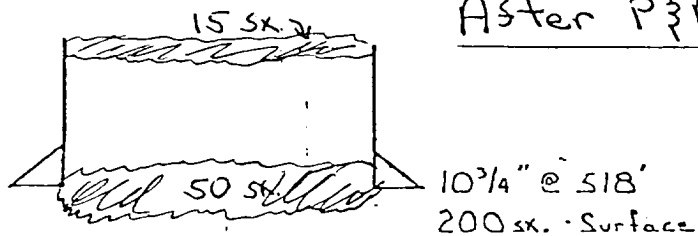
Well Bore Diagram For Rosa Unit #5

Before P & A



Well Bore Diagram For Rosa Unit #5

Aster P3A



Open Hole

Shot 5340' - 5410' w/140 ets. SNG

Mesa Verde

TD - 5740'

BUREAU OF LAND MANAGEMENT
Caller Service 4104
Farmington, New Mexico 87499

Attachment to Notice of
Intention to Abandon

Re: Permanent Abandonment

Well: #5 Rosa Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."

2. The Farmington office (telephone (505) 325-4572) is to be notified in sufficient time for a representative to witness all plugging operations.

3. Blowout prevention equipment is required.

4. In addition to normal filling of pits and cleanup of location, additional surface restoration work may be required, i.e. ripping of pad and/or access road, reseeding, etc. We have asked the Surface Management Agency for the surface restoration requirements for this well and we should be able to furnish you these requirements within 30 days. After plugging the well and before making final clean-up, you should contact this office unless you have already been advised as to what additional surface restoration work is required.

5. The following modifications to your plugging program are to be made (when applicable):

- A) Spot 100' plug from 3165' to 3065' to cover the top of the Pictured Cliffs Fm. (Top of Pictured Cliffs @ 3115')
- B) Spot 100' plug from 2910' to 2810' to cover the top of the Fruitland Fm. (Fruitland top @ 2860')
- C) Spot 100' plug ^{across} ~~at~~ top of stub @ $\pm 1000'$, ~~at~~ spot stub plug 50' inside the 7" csg and 50' outside 7" csg.
- D) Spot 100' plug across csg. shoe from 568' to 468'
- E) Spot a 100' surface plug from 100' to surface.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

Office Hours: 7:45 A.M. to 4:30 P.M.

GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL LEASES
FARMINGTON RESOURCE AREA

1. Secure prior approval before changing the approved plugging program.
2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs.
3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations.
4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 15 sacks or 100 feet in length, whichever is greater.
5. Any cement plug placed when well is not full of fluid, or when well may be taking fluid, will be touched after cement has set to verify proper location.
6. Mud must be placed between plugs. Minimum consistency of plugging mud must be 9.2 lbs/gal. Brine is to be utilized for mixing mud where possible.
7. Within 30 days after plugging work is completed, file Subsequent Report of Abandonment, Form 3160-5 (formerly 9-331), in quintuplicate with Area Manager, Bureau of Land Management, Caller Service 4104, Farmington, New Mexico 87499. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.
8. All permanently abandoned wells are to be marked with a permanent monument, on which has been stenciled or beaded the well name, well number, and well location by quarter-quarter, section, township and range. The monument is to be of steel pipe, not less than four inches in diameter, cemented permanently in the ground, and extending four feet above general ground level. The top should be closed with a screw cap, welding, or a cement plug.
9. After plugging work is completed:
 - a. Fill all pits, rat hole and cellar.
 - b. Clean well location of all equipment, concrete bases, pipe, junk and
 - c. Cut or remove tie downs.
 - d. If last well on lease, and no additional drilling is contemplated, fill tank battery pits, remove battery equipment, and clean and level battery location.
 - e. Accomplish surface restoration as specified by the surface management agency or land owner.

All above are minimum requirements. The Subsequent Report of Abandonment will not be approved and the period of liability under the bond of record terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.