

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

5. Lease Designation and Serial No.

I-89-Ind-56

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Navajo 77

9. API Well No.

10. Field and Pool, or Exploratory Area

Rattlesnake - DK

11. County or Parish, State

San Juan, N.M.

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Harken SW Corporation

505-327-5531

3. Address and Telephone No.

501 Airport Drive, Box # 158, Farm, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1650' ^NF~~2~~ 980' ^NF~~2~~ Sec 2. T29N, R19W
H**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- 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.)*

Well was previously PTA 5-15-72. Well presently flowing oil & Gas intermittently. See attached procedure to re-plug the well.

**RECEIVED
JUN - 2 1994
OIL CON. DIV.
DIST. 3**

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

RECEIVED
BLM
MAY 27 AM 9:30
70 FARMINGTON, NM

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

Signed **Ernie A. Chubb** Title **Engineer** Date **5-27-94**

(This space for Federal or State office use)

Approved by _____ Title _____ Date **APPROVED**

Conditions of approval, if any:

NMOCD

MAY 27 1994

May 19, 1994

HARKEN SOUTHWEST.

Navajo #47 (Dk)
NE, Sec. 2, T29N, R19W
San Juan County, New Mexico

Wireline Work (5-18-94)

Ran 1⁷/₁₆" sinker bar from surface to 625' (627' KB). POH with no problems.

PLUG AND ABANDONMENT PROCEDURE:

(Cement volume unknown, will mix and pump until good cement returns at surface)

1. Prepare blow pit. Comply to all BLM, and Harken safety rules and regulations.
2. Build wooden platform over top of wellbore hole using timbers and plywood.
3. RIH with one joint 1" steel tubing (with perfs) and approximately 630' of Quail PE 3408 High Density Polyethylene 1-1/4" pipe (continuous, 630# burst) to as deep as possible (627' KB).
4. Load well with water and establish circulation to surface.
5. **Plug #1 (Dakota to surface):** Mix and pump cement from 627' (+/-) until good cement circulates to surface. (Estimated cement volume 300 to 600 sxs).
6. Release polypipe and WOC.
7. Fill wellbore at surface as necessary with cement.
8. Install P&A marker with cement.
9. Reclaim location.

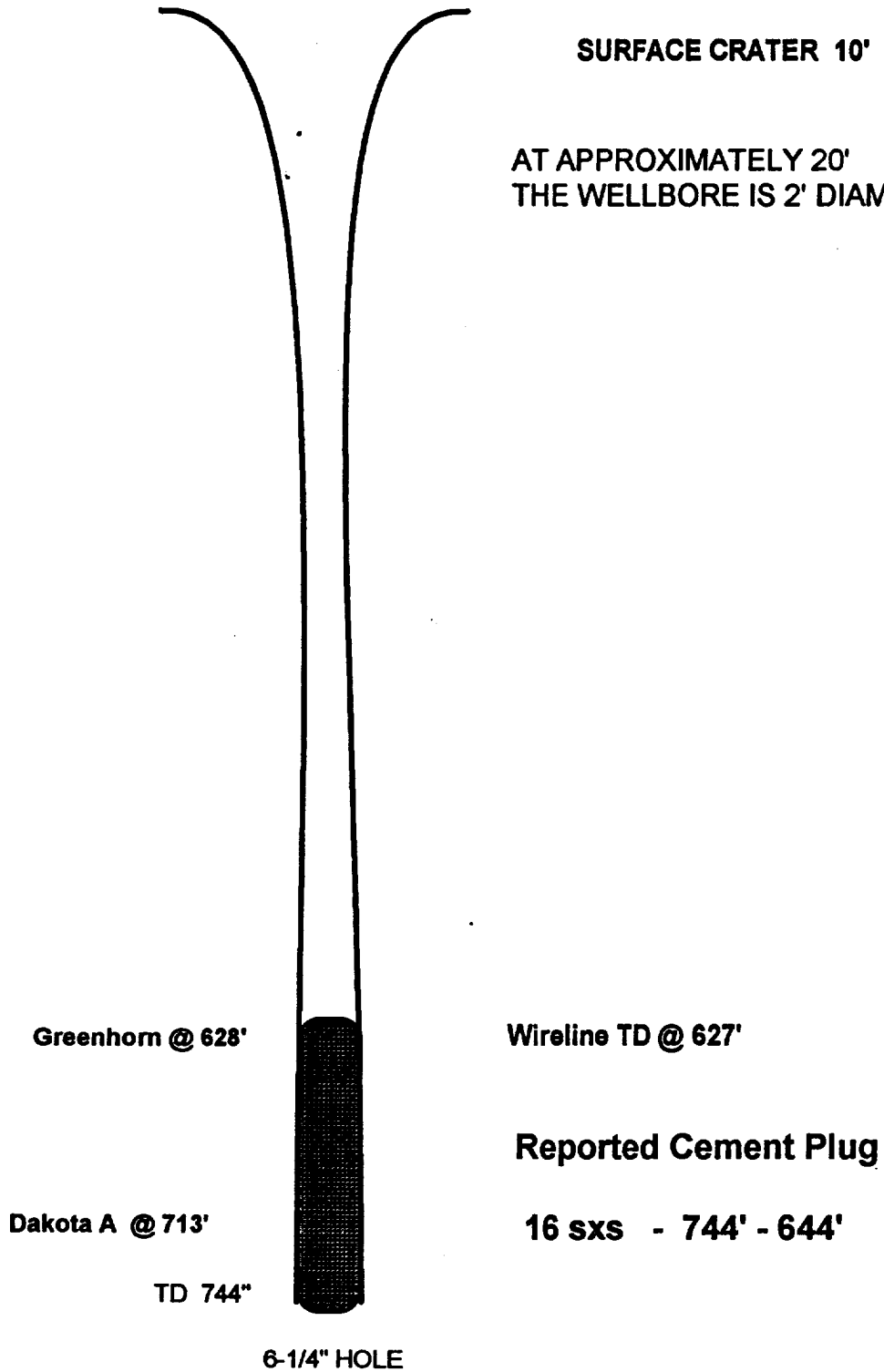
**HARKEN SOUTHWEST
NAVAJO #47 (Dk)
NE, Sec. 2, 29N, 19W
San Juan County, NM**

19 MAY 94

EXISTING WELL

SURFACE CRATER 10' DIAMETER

**AT APPROXIMATELY 20'
THE WELLBORE IS 2' DIAMETER**



Greenhorn @ 628'

Wireline TD @ 627'

Reported Cement Plug

Dakota A @ 713'

16 sxs - 744' - 644'

TD 744'

6-1/4" HOLE

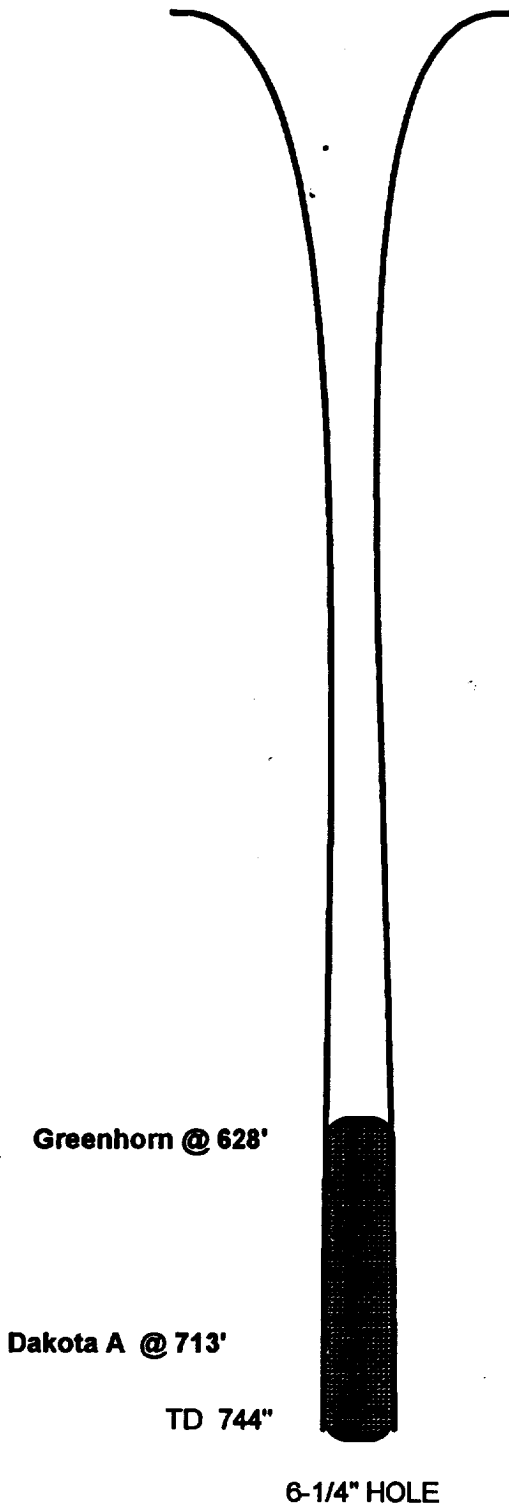
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Wireline TD @ 627'

Reported Cement Plug

16 sxs - 744' - 644'

6-1/4" HOLE

IN REPLY REFER TO:
(07337)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 La Plaza Highway
Farmington, New Mexico 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 47 Navajo

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. Mike Flaniken with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made (when applicable):

Office Hours: 7:45 a.m. to 4:30 p.m.