

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. M00-C-1420-0623	
2. NAME OF OPERATOR Hardscrabble Associates (c/o W. R. Thurston, General Partner)		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Mountain Tribal	
3. ADDRESS OF OPERATOR 12995 U. S. Highway 550, Box 2080, Durango, CO 81301		7. UNIT AGREEMENT NAME --	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 850' FSL & 1690' FWL		8. FARM OR LEASE NAME Pinon Mesa D	
14. PERMIT NO.		9. WELL NO. #1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5819 GL		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 14-31N-14W NMPM	
		12. COUNTY OR PARISH San Juan	13. STATE New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☒

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(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.)*

It is intended to plug and abandon the subject well because of its non-productivity in the following manner:

1. Spot a cement plug across the Dakota formation, pressure displaced cement through the Dakota perforations.
2. Spot a cement plug across the Gallup perforations inside the casing.
3. Determine the free point of the 4 1/2 csg by the stretch method, if the casing is free at or below 450', shoot off and recover.
4. Spot a cement plug on the csg stub that will cover the Mesa Verde & fill to the bottom of the surface csg.
5. Place a cement plug at the surface, erect a dry hole marker & restore location.
6. If 4 1/2 csg is not free below 450', perforate squeeze holes. Spot a cement plug across squeeze holes. Pressure displace cement into formation to isolate the Mesa Verde.
7. Perforate squeeze holes opposite the base of the surface csg. Spot a cement plug across the squeeze holes & pressure displace cement into the formation.
8. Place a cement plug at the surface. Erect a dry hole marker & restore location.

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

SIGNED Thomas E. Foster TITLE Operations Manager/Hardscrabble DATE April 6, 1988

(This space for Federal or State office use)

APPROVED BY L. Mark Hollis
CONDITIONS OF APPROVAL, IF ANY:

TITLE ACTING AREA MANAGER

NMOCD
OPERATOR'S COPY

DATE APR 21 1988

*See Instructions on Reverse Side

GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
SAN JUAN RESOURCE AREA

1. Secure prior approval before changing the approved plugging program.
2. Contact this office at (303) 247-4082, 48 hours prior to commencing abandonment.
3. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs.
4. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations.
5. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 25 sacks or 100 feet in length, whichever is greater.
6. Any cement plug placed when well is not full of fluid, or when well may be taking fluid, will be tagged after cement has set to verify proper location.
7. Mud must be placed between plugs. Minimum weight of plugging mud must be 9.2 lbs/gal. Gelled mud should be utilized where possible.
8. Within 15 days after plugging work is completed, file Subsequent Report of Abandonment, Form 3160-5, in quintuplicate with Area Manager, BLM, San Juan Resource Area, Federal Building, 701 Camino del Rio, Durango, CO 81301. 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.
9. 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 extended four feet above general ground level. The top should be closed with a screw cap, welding, or a cement plug.
10. 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 trash.
 - 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 landowner.

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.

Conditions of Approval

Re: Hardscrabble Associates
No. 1 Pinon Mesa D
850' FSL & 1690' FWL (SESW) Sec. 14
T. 31 N., R. 14 W.
Lease No. MOO-C-1420-0623

- 1) Spot bottom plug from PBTD to 3520' (top of Dakota Fm. at 3570').
- 2) Spot plug across Gallup Fm. perforations (2900' - 3049') to 2600'.
- 3) If 4½" casing is not recovered, abandon Mesaverde as proposed. Perforate 4½" casing at 276', establish circulation, and place cement inside and outside 4½" casing from 276' to 176'. If circulation to surface cannot be established, squeeze a minimum of 25 sx at perforation point.
- 4) File Subsequent Report of Abandonment within 30 days of completion of operations.