

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NOG 8707-1145
2. Name of Operator Harken Southwest Corporation	6. If Indian, Allottee or Tribe Name Navajo
3. Address and Telephone No. P.O. Box 612007 Dallas, TX 75261-2007 (972) 753-6900	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) I Sec. 2-29N-19W 2450' FSL & 330' FEL	8. Well Name and No. Rattlesnake 205
	9. API Well No. 30-045-21070
	10. Field and Pool, or Exploratory Area Rattlesnake
	11. County or Parish, State San Juan, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<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.)\*

Please be advised Harken Southwest plans to plug and abandoned the subject well by September 5, 1997. The subject well will be permanently abandoned utilizing the following procedures:

1. MIRU, blow down csg & tbg
2. Remove wellhead swag assembly
3. PU serrated collar & RIH w/2-3/8" work string. Tag CIBP @ 683' (1989 Chuska records)
4. Pump Class "B" cmt thru tbg while pulling out of hole. Fill open hole from CIBP @ 683' to surface w/130 sxs.
5. Cut off csg 4' below surface. Fill annulus from 17' to surface.
6. RDMO. Weld on regulation surface marker, cut anchors.

Attached for your reference is the current wellbore diagram and the proposed plugged wellbore diagram.

CC: Navajo Nation  
BIA - Gallup, NM

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

Signed <u>Rachelle Montgomery</u>	Title <u>Production Administrator</u>	Date <u>5/27/97</u>
(This space for Federal or State office use)		
Approved by <u>S/ Dianne W. Spencer</u>	Title _____	Date <u>JUN - 6 1997</u>
Conditions of approval, if any:		

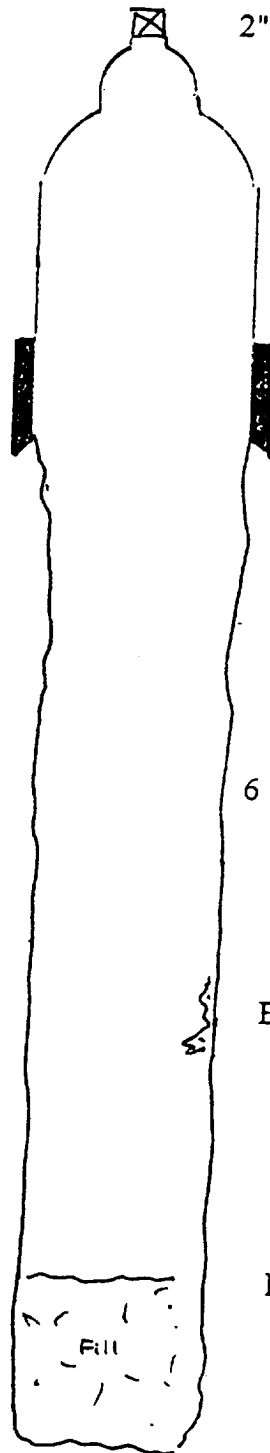
# HARKEN SOUTHWEST CORPORATION

(formerly Chuska Energy Company)

Rattlesnake # 205

2450' FSL, 330' FEL, Sec 2, T29N, R19W  
San Juan County, New Mexico

Present Wellbore Configuration (Estimated)



2" ball valve

4 1/2" x 2" swage

7" x 4 1/2" swage

7", 22# casing set @ 17.5' w 5 sacks

6 1/8" hole

Bridging @ 432'

PBTD 683'

TD 750'

No tubing

No pack-offs

No 4 1/2" csg slips

4 1/2", 9.5# casing appears to have been removed

Dakota 'A' Top @ 740'

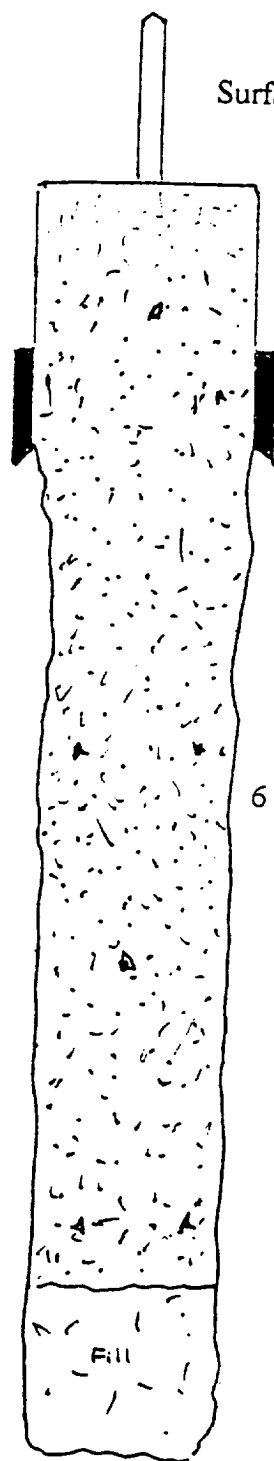
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(formerly Chuska Energy Company)

Rattlesnake # 205

2450' FSL, 330' FEL, Sec 2, T29N, R19W  
San Juan County, New Mexico

Plug and Abandonment Configuration



7", 22# casing set @ 17.5' w 5 sacks

6 1/8" hole

4 1/2", 9.5# casing appears to have been removed

Total calculated cement PBTD to surface: 130 sacks

PBTD 683'

Dakota 'A' Top @ 740'

TD 750'