

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

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Harken Southwest Corporation

3. Address and Telephone No.

P.O. Box 612007 Dallas, Texas 75261-2007

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

2400' FNL & 725' FEL (SE/NE)  
Sec. 2 T29N-R19W

5. Lease Designation and Serial No.

NOG 8707-1145

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Rattlesnake 203

9. API Well No.

30-045-21068

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Condition to useful function

☐ 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.)\*

Harken Southwest request permission to test the resaturation of the Dakota sands prior to committing to permanent abandonment. The proposed workover procedures, for the subject wellbore, are attached for approval.

Harken Southwest currently anticipates performing this work in mid-April when the field is returned to production.

Should additional information be required please contact Mr. Richard Cottle in the Farmington, NM office at telephone (505) 327-5531 or you may contact the undersigned at the above address/telephone number.

CC: Navajo Nation - Minerals Dept.  
BIA - Gallup, NM

I hereby certify that the foregoing is true and correct

Signed Rachelle Montgomery Title Production Administrator

Date 03/18/96

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

APPROVED

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  
NMOCD

DISTRICT MANAGER

# HARKEN SOUTHWEST CORPORATION

(formerly Chuska Energy Company)

2 3/8" bull plug

Rattlesnake # 203

2400' FNL, 725' FEL, Sec 2, T29N, R19V  
San Juan County, New Mexico

Present Wellbore Configuration (Estimated)

4 1/2" THT head w pack-offs

2" ball valve

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

2 3/8" tubing EOT @ 750'

anchored ?

packer ?

SN ?

4 1/2", 9.5# set @ 735' w 20 sacks

Dakota 'A' Top @ 735'

OH section 725'-760'

TD 760'

PBTD= ?

Recompletion of RATTLESNAKE # 203  
2400' FNL, 725' FEL, Sec 2, T29N, R19W  
San Juan County, New Mexico  
March 7, 1996 ROC

PROCEDURES:

1. MIRU rig, Blow down csg and tbg. Flow oil to tank via flowline. Could encounter surface pressure of 0-100 psig.
2. Unset 2 3/8" tbg packoffs and slips in THT head. Pull on tbg to see if it is free. Install BOP flange and BOP's. POH with tbg, tallying out of hole and stand back.
3. PU used 4" bit and 4 1/2" csg scraper, RIH on tbg to tag PBTD @ 760'. Circulate hole to clean. POH with bit and scraper.
4. RIH w SN and tbg to 750' EOT and swab well for test of 'A' Dakota. POH with tbg and SN.
5. PU bit and two drill collars, RU power swivel and deepen OH from 'A' sand thru 'B' and 'C' sands. Drill to 858' (98") thru 'C' sand with Rattlesnake produced water and additives. Condition hole
6. POH with drill string.
7. RU Pulsed Spectral GR log suite and log openhole section of Dakota 'A' thru 'C' and shallow Gallup (250'-350' est.). POH evaluate on location, report to Dallas.
8. RU perforators to perforate Gallup (if it looks good) w 4JSPF. POH w gun. RIH w PPIP packer to ~ 350', drop standing valve and RFC. RU Halliburton and wash perms with 200 gallons of 15% HCL-MSR mud cleanup acid. POH with PPIP, lay down, PU SN & tbg open ended, RIH to 858' (EOT).
9. RU Halliburton and circulate to EOT with 800 gallons of 15% HCL-MSR mud clean up acid. Spot acid from 858' to 735' by over displacing acid from tbg by 5 bbl (210 gal). Shut in backside and squeeze in acid. Max applied pressure 400 psig (.92 psi/ft frac gradient ).
10. Let acid soak overnight. RU to swab for clean up ( 6.0 pH )and test.
11. If economic, POH with tbg. PU mud anchor, SN and tbg anchor. RIH with SN @ 800'. POP.

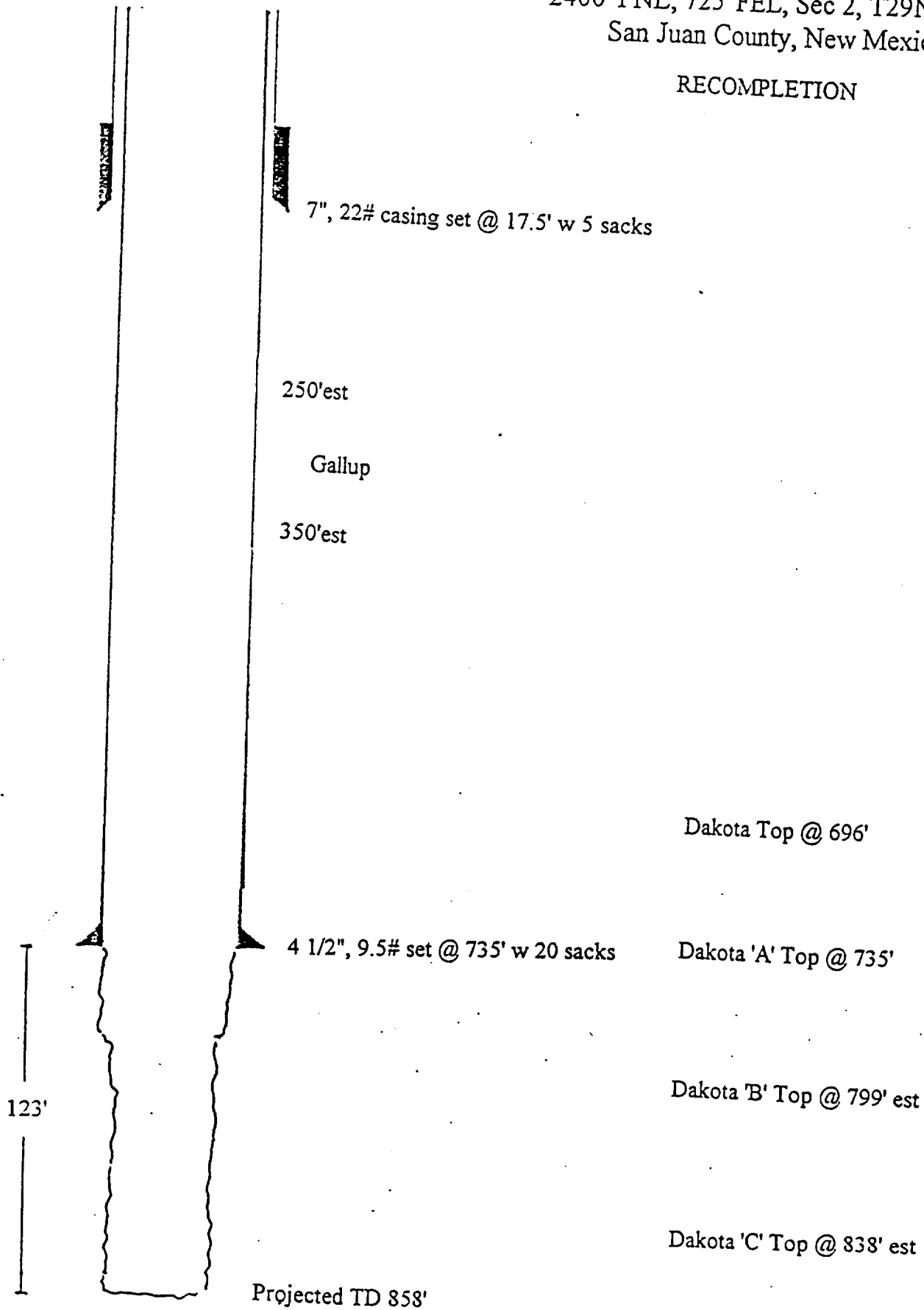
3/7/96 ROC

# HARKEN SOUTHWEST CORPORATION

(formerly Chuska Energy Company)

Rattlesnake # 203  
2400' FNL, 725' FEL, Sec 2, T29N, R19W  
San Juan County, New Mexico

RECOMPLETION



3/12/96 ROC