

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.

RECEIVED
BLM
JUL 20 1998
070 FARMINGTON, NM

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, TX 75261 (972) 753-6900

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

NE/SE Section 2-29N-19W
2450' FSL & 725' FEL

5. Lease Designation and Serial No.

NOG 8707-1145

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Rattlesnake 207

9. API Well No.

30-045-21072

10. Field and Pool, or Exploratory Area

Rattlesnake (Dakota)

11. County or Parish, State

San Juan Co., 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

RECEIVED
JUL 20 1998
OIL CON. DIV.
DIST. 3

- ☐ 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 Corporation (HSW) has determined that the subject well has meet its economic limit and there is no additional useful function for the wellbore. Therefore, attached please find the following information for your review and approval:

1. Current wellbore information
2. Diagram of current wellbore configuration
3. Plug and Abandonment Procedures
4. P&A'd wellbore diagram

Upon receipt of BLM approval, HSW will schedule permanent abandonment of this well during 1998. Should any questions arise, please contact Mr. Cottle or the undersigned at (972) 753-6900.

CC: State of Utah
Navajo Nation - Minerals Dept
BIA - Gallup, NM

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

Signed

Title Production Administrator

Date 06/08/98

(This space for Federal or State office use)

Approved by

/S/ Duane W. Spencer

Title

Date

JUL 15 1998

Conditions of approval, if any:

Rattlesnake #207
2450' FSL & 725' FEL
Section 2, T29N, R19W
San Juan County, New Mexico
April 6, 1998

Present Status: SI – oil well

Elevation: 5299' GL

Total Depth: 715' **PBTD:** 715'

Casing Program: 7" 20#, J-55, Set @ 17' with 3 sxs cement
4 1/2", 9.5#, J-55, Set @ 685' with 20 sxs cement

Open Hole: 685'-715'

Production Equipment: 21 joints, 2 3/8" tubing, SN @ 648'
25 – 5/8" rods, 2 1/2" X 1.5" X 6' bottom hold down pump

Casing and Tubing Detail

Depth	Size (in.)	Wt. #/ft	Grade Thread	Burst (psi)	Collapse (psi)	Yield M#	Drift (in.)	Capacity (bbl/ft)
Surf 685'	4 1/2	9.5	J-55	4380	3310	101	3.965	0.0162
Surf 648'	2 3/8	4.7	J-55 EUE	7700	8100	71.7	1.901	0.00387

WELL REPORT

COMPANY: Harken Southwest Corp.

Present Configuration

WELL NAME: Rattlesnake #207

SURFACE CSG. SET @ 17'

7", 204, J-55 (10) 33x5

21 joints
2 3/4" Hdg

PERFS: None

PERFS: _____

PERFS: _____

PRODUCTION STRING CSG. SET @ 685'

4 1/2", 9.5#, J-55 (2) 20 5x6

TUBING SET @ EOT @ 642

PLUG BACK TOTAL DEPTH: 715'

NOTES:

(25) 5/8" rods

2 1/2" x 1.5" x 6' Bottom hold down
pump

JN @ 647'

685'

OH 685'-715'

TD 715'

PLUG AND ABANDONMENT
Rattlesnake #207
2450' FSL & 725' FEL
Section 2, T29N, R19W
San Juan County, New Mexico

P & A Procedure

1. MIRU, hold safety meeting, blowdown well, ND horseshead, unseat pump.
2. POH with rods and pump. NU BOP's.
3. POH with 2 3/8" tubing. Remove SN. Install serrated collar.
4. RIH with 2 3/8" tubing, tag PBTD @ 715'.
5. Mix up 90 sxs (18 bbls) of Class 'B' cement and fill casing from TD @ 715' to surface (150% volume used for cement calculations).
6. W.O.C. 3 hours. RIH with 2 3/8" tubing to tag cement top. Fill to surface, if necessary. RD move out rig.
7. Cut casing 4' below surface. Weld on subsurface marker plate.
8. Reclaim location.

WELL REPORT

COMPANY:

Henken South West Corp

WELL NAME:

Rattlesnake # 207

Plug & Abandonment

SURFACE CSG. SET @ 17'

7", 20#, J-55 @ 3cu

NOTES:

Subsurface marker 4' below

GL

PERFS : None

PERFS :

PERFS:

PRODUCTION STRING CSG. SET @ 685'

4 1/2", 9.5 #, J-55 @ 20 SXS

TUBING SET @

PLUG BACK TOTAL DEPTH: Surface

cement TO to surface

685'

Dakota 'A' sand

TD 715'