

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM MAIL ROOM

95 SEP 15 PM 1:43

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

SF-078146-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Horton 4A

9. API Well No.

30-045-22936

10. Field and Pool, or Exploratory Area

Blanco

11. County or Parish, State

San Juan, NM

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

Hallador Petroleum Company

3. Address and Telephone No.

1660 Lincoln Street, Suite 2700, Denver, CO 80264 303/839-5504

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

990' FNL & 1090' FWL (NWNW)
Sect. 27-T32N-R12W

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

- ☐ 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 P&A'd August 30, 1995. Plugging orders received from Steve Mason of BLM in Farmington and P&A witnessed by Jimmy Morris of BLM. See attached Daily Reports for details.

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SEP 19 1995
OIL CON. DIV.
DIST. 3

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

Signed

Don C. Brooks

Title

Petroleum Engineer

Date

9-12-95

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

APPROVED

SEP 15 1995

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.

DISTRICT MANAGER



HALLADOR PETROLEUM COMPANY

RECEIVED
BLM MAIL ROOM

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070 FARMINGTON, NM

HORTON 4A Daily Drilling Report

August 24, 1995

MIRU Aztec Well Service Rig. Set pump and tank. Blow well down. ND tree. NU BOP's. PU 3-7/8" bit, 4-1/2 csg scraper and 154 jts new 2-3/8" 4.7# J-55 tbg. Run in hole and tag PBTD at 5064' KB. (40 feet of fill above bottom perfs.) POOH. LD scraper. RIH W/ bit to 5280'. Set down for night. Total tbg on location = 5152.79'.

Daily well cost: \$15,928

Cumulative well cost: \$15,928

August 25, 1995

Finish TIH W/ bit to PBTD. RU BJ N₂ services. POOH to 5021' KB. Pump 111,000 SCF N₂ W/ foam down tbg @ 2000 SCF/min. Could not unload hole. Shut down and WO N₂ transport. Pump an additional 208,000 SCF N₂ W/ foam @ 5500 SCF/min. Could not unload hole. Shut down and bled pressure off lines. Check for plugged line. Found cement plug in valve on blow down tank. Replace valve and pump 221,000 SCF N₂ while cleaning out fill to 5125' KB. RD N₂. POOH W/ 52 stds tbg. Set down for lightning and severe thunderstorm.

Daily well cost: \$13,020

Cumulative well cost: \$28,948

August 26, 1995

Finish TOH W/ bit. PU 4-1/2" RBP and 4-1/2" Pkr. RIH and tag PBTD @ 5114' KB. PU and set RBP @ 5110' KB. Set Pkr @ 5070' KB and acidize perfs @ 5092'-5104', 5076'-5082' W/ 425 gals 15% HCL acid containing iron sequester, inhibitor de-emulsifier and surfactant. Reset RBP @ 5065' KB and Pkr @ 5030' KB. Acidize perfs @ 5040'-5054' W/ 330 gals. Reset RBP @ 5030' KB and Pkr @ 4990' KB. Acidize perfs 5016'-5020', 4996'-5005' W/ 307 gals. Reset RBP @ 4990' and Pkr @ 4885'. Acidize perfs 4902'-4984' W/ 2438 gals acid. Total acid - 3500 gals. AIR-2.0 BPM. Avg Press-800 psi. ISIP-0psi. LTR-103 Bbls. Retrieve RBP and POOH. LD RBP and Pkr. PU Halco 4-1/2" Model R-4 production pkr and RIH. Set pkr @ 4798' KB. RU to swab. Made 2 runs. Rec 11 Bbls KCL wtr. Set down for night. LTR-92 Bbls.

Daily well cost: \$9,296

Cumulative well cost: \$38,244

Horton 4A
Daily Reports
Continued

August 27, 1995

TP-20 psi. CP-0psi. Swab well. Made 23 runs. Rec 112 Bbls of spent acid and dirty water. IFL-2700'. FFL-3200'. Well produced more gas with each swab run but would not flow after run. Have rec 21 Bbls over load. Set down for night.

Daily well cost: \$1,640

Cumulative well cost: \$39,884

August 28, 1995

TP-20 psi. CP-0psi. Swab well. Made 37 runs. Rec 114 Bbls of water and N₂ foam. IFL-3000'. FFL-3500'. Well gassing during swab run. Would not flow after. Last 15 runs rec 75% N₂ foam and 25% water.

Daily well cost: \$1,995

Cumulative well cost: \$41,879

August 29, 1995

TP-65psi. CP-0psi. Swab well. Had a slight gas blow after second run. Made 20 runs. Rec 55 Bbls water. IFL-3500'. FFL 3000'. Well gassing during swab runs and on vaccum.

Daily well cost: \$1,815.00

Cumulative well cost: \$43,694

August 30, 1995

TP-75 psi. CP-0psi. Open well. Flowed one minute and died. Release pkr and POOH. LD pkr and PU Baker 1AA K-1 cmt retainer. RIH and set CICR as BP @ 4870' KB. POOH and LD setting tool. RIH W/ tbg to 4865' and commence P&A of well. Well P&A'd as follows:

4865-4813'	4 sx
4377-4214'	12 sx
2903-2292'	90 sx
2144-1967'	34 sx
695-518'	34 sx
237-surface	53 sx

Pump a total of 227 sx neat cement; 15.6#/gal, 1.18 ft³/sx. LD all tbg. ND BOP's. SDFN. Plugging orders obtained from Steve Mason of BLM in Farmington. Mike Flaniken of BLM notified of same at 2:00 p.m. 8/29/95.

Daily well cost: \$8,752

Cumulative well cost: \$52,446

Horton 4A
Daily Reports Continued
Page 3

August 31, 1995

Dig out cellar. Cutoff wellhead and install dry hole marker. RD move off. Final report.

Daily well cost: \$3,190

Cumulative well cost: \$55,636

Fax to: H. P. McLish
Cradly D. Davis
Elliott Riggs
W. R. Thurston
Walter Arbuckle (c/o Fossil)
Dennis Beccue (Questar)