

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other Instructions on Reverse Side)

FORM 10-1
Enacted August 21, 1985
LEASE RENOVATION AND RENEWAL

ASF

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

(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. WELL TYPE: OIL WELL ☐ GAS WELL ☒ OTHER ☐
2. NAME OF OPERATOR: **Hawthorne Oil & Gas Corporation**
3. ADDRESS OF OPERATOR: **P. O. Box 27725, Houston, Texas 77227-1725**
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below):
At Surface: **1980' INI & 1980' FFI of Sec. 7**
14. PERMIT NO.: **5449.4' K.B.**
15. ELEVATIONS (Show whether DE, ST, OR, etc.):
5449.4' K.B.

UNIT AGREEMENT NAME: **Delta Federal**
FARM OR LEASE NAME: **Delta Federal**
FEDERAL NO.: **1**
10. FIELD AND POOL OR WILDCAT: **Chosa Draw/Morrow**
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: **Sec. 7, T-25-S, R24-E**
12. COUNTY OR PARISH: **Fddy**
13. STATE: **N.M.**

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

NOTICE OF INTENTION

SUBSEQUENT REPORT OF:

TEST WATER SHUT OFF	PLUG OR ALTER CASING	WATER SHUT OFF	REPAIRING WELL
FRAC TURE TREAT	MULTIPLE COMPLETION	FRAC TURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON	SHOOTING OR ACIDIZING	ABANDONMENT
REPAIR WELL	CHANGE LEASE	OTHER: Recompletion of the Atoka	XX

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS, including State oil permit numbers, and other pertinent dates, including estimated date of starting and proposed work. If well is shut down, include date, subsurface location and measured and true vertical depths for all markers and zones pertinent to this work.

3/12/91: Tubing tested to 1500 psig O.K. Casing tested to 2000 psig O.K.
3/13/91: Released anchor seal assembly and fluid equalized around tubing. Set anchor in packer. Test casing to 2000 psig and held. Pressured tubing to 3500 psig could not pump into formation. Lost 600 psig in 20 minutes. Pumped 20 sacks Class "H" Neat cement at 16.6#/gallon at 11,100' K.B. (top of Model "D" Packer). Reversed out 4 sacks of cement.
3/14/91: PBID 10,970' K.B. Lay down tubing. Ran GR-CNL-CCl log from PBID at 10,970' - 9000' K.B.
3/15/91: Go in the hole with 2 3/8" tubing and set sealing nipple at 10,870' K.B.
3/16/91: Spot and reverse out 200 gallons 15% HCl Acid to clean tubing. Spot 250 gallons 10% Acetic Acid.
3/18/91: Perforate Atoka at 10,834' - 42', 10,844' - 48', 10,854' - 58' and 10,860' - 66' K.B. with 2 GPF (44 .39" dia. holes). Go in the hole with tubing. Put acid away, 1.9 NIM at 4490 - 4540 psig. ISIP 3600 psig, in 5 minutes 200 psig, in 10 minutes 1450 psig, in 15 minutes 1070 psig. 53 barrels load left to recover. Scrubbed well, good show of gas, load left to recover 28 barrels.
3/19/91: 12 1/2 hour STIP 1000 psig, CP 500 psig. Scrubbed 4 barrels over load, with continuous flare.
3/20/91: Acidized at 10,834' - 66' K.B. with 4500 gallons MOD 202 with 1000 SCF N2/barrel. ISIP 4270 psig, in 5 minutes 4100 psig, in 10 minutes 4000 psig, in 15 minutes 3290 psig. Average injection rate 5.2 BPM. 139 barrels load left to recover.

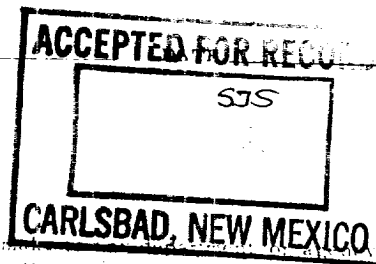
See Reverse side

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

SIGNED: *Henry C. Morrow* TITLE: Agent DATE: 4/9/91
(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side



Post ID-2
5-3-91
P#4 Mar

3/21/91: Swabbing, recovered load with continuous flare.

3/25/91: 86 hour SITP 250 psig, CP 750 psig. Swabbed well with small gas flare, TSTM.

3/27/91: 36 hour SITP -0- psig, CP 1000 psig. Swabbed well with small gas flare.

3/28/91: Well shut in. 21 hour SITP 1500 psig, SICP 1100 psig.

As of April 8, 1991 the well is currently shut in waiting on further recompletion.