

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TR. ATE\*  
(Other Instruct. re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-0539770

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

~~Coles 31 Federal~~

8. FARM OR LEASE NAME

Coles 31 Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Crawford/Morrow

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 31, T24S, R27E  
NMMPM

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

1. OIL ☐ GAS ☒ OTHER ☐

RECEIVED

2. NAME OF OPERATOR

HNG Oil Company ✓

3. ADDRESS OF OPERATOR

P. O. Box 767, Midland, Texas 79701

4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface 860' FNL & 1980' FWL, Sec. 31, T24S, R27E

MAR 27 1974

U.S.C.  
ARTESIA, OFFICE

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3391 GR

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☒

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

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

17. 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.)\*

- 2-22-74 - Spotted 1000 gals 15% HCl on btm  
2-23-74 - Perf 4-1/2" liner w/3 shots @ 11,947', 948', 949'.  
2-25-74 - Displace acid in liner. Max 2200# broke to 1600# went to 1900#  
1 BPM. ISIP 1600#, 5 Min. 800#, 35 Min. 0#.  
2-28-74 - Small show of gas - prep to re-perforate  
3-01-74 - Perf 9 holes 11,956'-976'  
3-02-74 - Spotted 1000 gals 15% HCl. Left acid on spot across Morrow perfs.  
3-03-74 - Set BP @ 11,892'.  
3-04-74 - Perf 6 holes @ 11,814-11,681'  
3-05-74 - Acidized w/2000 gals 15% HCl in 2 stages. Broke @ 5200#. Pmp  
@ 4 BPM 4200# when acid hit. Dropped to 3700#. Incr. from  
3300-3700# when balls hit. ISIP 1600#, 10 Min. SIP 1000#.

RECEIVED

MAR 22 1974  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

I hereby certify that the foregoing is true and correct

SIGNED

David Tomlin

TITLE

AC915-683-4871  
Production Clerk

DATE

3-21-74

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side