

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

N.M.O.C.D. COPY

SUBMIT IN TRI
(Other instructio.
verse side)DATE
n reForm approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-20952
RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

MAY - 8 1980

7. UNIT AGREEMENT NAME

O. C. D.

8. ARTESIA LEASE NAME

Kenna Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 30, T4S, R29E

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(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.)**RECEIVED**

MAY - 7 1980

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO1. OIL ☐ GAS ☒
WELL WELL OTHER

2. NAME OF OPERATOR

Enserch Exploration, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 4815, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

Unit H, 1980' FNL & 660' FEL, Sec. 30, T4S, R29E

14. PERMIT NO.

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

4403' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(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 perti-
nent to this work.)

/26-5/5/80: Installed 6" 1500 series x 10" 900 series Rector tubing head. Nippled up 6" 1500 series BOP. Rigged up completion unit. Drilled soft cement from 6414'-27' & DV tool @ 6427'. Ran EL w/GR. Spotted 2 bbls. 7½% NE HCL acid @ 7670'. Perforated 4 shots/ft. @ 7670' & 7580', size 40, to cement squeeze. Set cement retainer @ 7650'. Broke down squeeze perforations @ 7670' @ 600#. Pumped 5 bbls. 2% KCL water @ 2600# @ 2 BPM & 5 bbls. 2% KCL water @ 3200# @ 2-3/4 BPM. Pumped 500 gals. 15% NE HCL acid @ 3300# @ 3 BPM. When acid reached formation, pressure broke to 200# @ 3 BPM. ISIP 2000#, 10 min. SIP 1200#. No communications while acidizing. Pressure tested casing to 1000#. Established injection rate @ 2250# @ 2 BPM. Pumped 100 sx. Class H cement w/8/10% ALAD 9 & 25 sx. Class H Neat. Pumped cement @ 1000# @ 2 BPM. Pumped 24 bbls. displacement. Shut down pumps, pressure dropped to 250#. Hesitation squeezed for 45 mins. Held 2000# squeeze pressure 0 mins. Pulled out of retainer, reversed out 40 bbls. 2% KCL water & 5 sx. cement. Spotted 500 gals. 15% NE HCL acid @ 7580'. Set RTTS packer @ 7266'. Broke formation down @ 3800#. Displaced acid @ 2400# @ 2½ BPM. ISIP 1400#, 5 min. SIP 0#. Pumped 80 sx. cement @ 1000# @ 1½ BPM. Valve washed out on pump truck. Unset packer & reversed out w/200 bbls. water. Pulled packer up to 7143' and set. Established pump rate @ 1800# @ 2 BPM. Pumped 100 sx. Class H cement w/8/10% HALAD 9 & 40 x. Class H Neat. Pumped 20 bbls. displacement @ 2 BPM. Pressure increased to 3000#. Pumped 13 bbls. @ 1 BPM, pressure increased to 4000#. Pumped 2½ bbls. displacement @ 4500# while hesitation squeezing. Unset RTTS packer & reverse circulated 10 bbls. water. Tagged cement @ 7450'. Drilled firm cement from 7450'-7600'. Tagged retainer @ 7650' & tested casing to 500#, held pressure for 10 mins. Spotted 100 gals. 15% MCA acid @ 7626'. Perforated 1 jet shot/ft. from 7615'-26', size .42 (12 holes). Set RTTS packer @ 7510'. Acidized w/2500 gals. MOD 303 + 8 ball sealers. Formation broke @ 4000# back to 3400#. Flushed w/60 bbls. 2% KCL. Maximum treating pressure 4000# @ 3 BPM, average 3600# @ 4 BPM. ISIP 1400#, 20 min. SIP 1000#.

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

SIGNED

H. F. Burnett

TITLE Prod. Superintendent

DATE May 6, 1980

(This space for Federal or State office use)

GEO. H. STEWART

ACTING DISTRICT ENGINEER

MAY 07 1980

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: