

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0285577

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Alexander-Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Cato

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

Sec. 32, T-8-S, R-30-E

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.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
CRA, Inc.

3. ADDRESS OF OPERATOR
316 Citizens National Bank Bldg., Abilene, Texas 79601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1980' FSL & FEL

14. PERMIT NO.
—

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4112' GR, 4123' KB

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) Temporarily abandon to evaluate

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.)*

3-19: Perf 3447', 3442', 3444', 3402', 3400', 3391', 3379', 3373'. Acidized with 4000 gal. Swb 9 BO + 131 BW 12 hrs.

3-20: Swb 4 BF/hr 10% oil, 90% water.

3-22: Set BP @ 3432'.

3-25: Reacidized with 3000 gal, swb 10 BF/hr, 5% oil, 95% water.

3-26: Swb 6 hrs Rec. 9 BO + 90 BW.

3-27: Perf 3415-20'.

3-28: Squeezed with 150 sx

3-29: Drilled out to 3410'.

3-30: Perf 3373', 3379', 3391', 3400', 3402'.

3-31: Set pkrs across perfs 3400-02. Acidized with 50 gal acid, swb 12 hrs. Rec. 10 BO + 80 BW.

4-2: Swb 6 hr. rec. 5 BO + 51 BW.

4-3: Re-squeezed 200 sx.

4-4: Squeezed 200 sx in formation.

4-5: Squeezed 5 sx in formation.

4-6: Drilled out to 3408'. Perf 3373-79'.

4-7: Set pkrs across perfs 3373-79. Acidized with 300 gal. Swb dry.

4-8: Perf 3400-04', set pkrs across perfs. Acidized with 150 gal. Swb 12 hr. Rec. 81 BF, 1% oil, 99% water.

4-10: Reacidized 3373-79' with 2000 gal. Swb dry.

SEE BACK OF SHEET

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

SIGNED

Purke Krueger

TITLE District Manager

DATE 4-24-68

(This space for Federal or State official use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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GPO 8 37-499 887-851

- 4-11: Drilled out cement to 3424'. Set pkrs across perfor 3415-20'. Acidized with 2000 gal. SWb 4 hrs Rec 21 BF, 0.5% oil, 99.5% water.
- 4-15: Shut well in. Temporarily abandoned.