

UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLIC.
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

NM-0444673-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Shell Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Cato (San Andres)

11. SEC., T., R., M., OR BEK. AND
SURVEY OR AREASection 35, T-8-S, R-30-E,
NMPM

12. COUNTY OR PARISH

Chaves

13. STATE
New Mexico

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Salt water disposal

2. NAME OF OPERATOR
Shell Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 1810, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface 330' FWL and 990' FWL of Section 35, T-8-S, R-30-E,
NMPM.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4185' DF

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐

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)

Re-entry to complete as SWD

X

(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.)*

10-31-70 thru 11-14-70

1. Drilled out cement plugs to TD 3770'.
2. Cemented 93 joints 5 1/2" 17# J-55 8rd LTC casing at 3770' with 1150 sx Trinity lite-water and 200 sx Class C cement (proposed 4 1/2" casing). Bumped plug at 7:30 p.m. (CST) 11-5-70. After WOC 39 hours, tested casing to 1500 psi for 30 minutes--no pressure drop. Found top of cement @ 850' by Worthwell Temperature Survey.
3. Perforated with 1-3/8" jet at the following depths: 3580', 3584', 3608', 3610', 3612', 3620', 3622', 3624', 3625', 3626', 3637', 3642', 3651', 3667', 3671', 3674', 3677', 3680' (18 holes).
4. Acid treated with 2200 gals. 15% NE acid in 22-100 gal. stages with 1 ball sealer between stages--good ball action.
5. Frac treated down 3 1/2" tubing as follows at 25 BPM and 4400 to 5600 psi:
5000 gal. gelled water pad.
5000 gal. gelled water and 1/2#/gal. 10-20-sand.
5000 gal. gelled water and 1#/gal. 10-20-sand.
6. Ran Baker AD plastic-coated tension packer on 2-7/8" OD J-55 EUE plastic-coated (TK75) tubing and set at 3466'. Filled annulus with 100 bbls. fresh water + 20 gals. Tretolite K700 (organic).
7. Pressure gauge on annulus at surface.
8. Well completed as a SWD well.

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

SIGNED

(S.G. Scott)

TITLE

Sr. Operations Engineer

DATE

11-20-70

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD PURPOSES
NOV 23 1970
Date
ACTING District Engineer

*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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NOV 24 1970

O. C. C.
ARTESIA, OFFICE

RECEIVED

NOV 3 1970

OIL CONSERVATION COMM.
HOBBES, N. M.