

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
E.W. Mudge No. 3
SF 078064
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☐ Water Injector

2. NAME OF OPERATOR
Shell Oil Company

3. ADDRESS OF OPERATOR
1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1980' FSL & 660' FWL of Sec. 12
T25N, R12W NMPM, San Juan Co., N.M.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6369.8' K.B.

7. UNIT AGREEMENT NAME
Carson Unit

8. FARM OR LEASE NAME

9. WELL NO.
13-12

10. FIELD AND POOL, OR WILDCAT
Bisti

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
T25N, R12W

12. COUNTY OR PARISH
San Juan

13. STATE
N.M.

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

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

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☐
☒
☐

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.)*

See attached Abandonment Prognosis.



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

SIGNED

J. W. Linnell

TITLE Div. Ops. Engr.

DATE OCT 06 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Prognosis
Plug and Abandonment
Carson Unit 13-12
Section 12, T 25N, R 12W
San Juan County, New Mexico

Pertinent Data

8-5/8" @
108

TD: 5055 PBTD: 5041

8-5/8" Csg. @ 108

4-1/2" Csg. @ 5050 w/ 150 sax. 4% gel

7-7/8" Hole

Elevation: 6370

KB - GL = 9

Permanent Datum = K.B.

Past and current status: TA. Shut in 1967.

Converted to W.I.

Initial prod: 25 BO, 0 BW, 21 MCF

Proposed Work: Plug and Abandon

1. Pull equipment. If tubing is openended, lower to PBTD, load hole with mud. (Add 20 sax aquagel + 1 sack Benes per 100 bbls of mud or 20 sax salt gel per 100 bbls mud).
2. Spot 20 sax Class "G" cement mixed w/1# flocele/sack over perforations and above perforations. Minimum requirements - 100' cement plug above perforations. WOC 12 hrs.
3. Pull tubing.
4. Rig up casing pullers.
5. Attempt to shoot and pull casing at \pm 3500'. (theoretical cement top at 4225. Top of Mancos Shale 3880. If unable to pull any casing, go to step 8.
6. If casing is recovered, run tubing OE and spot Class "G" cement plugs as follows:
 - a. 150' plug across stub of 4-1/2" casing. (50' in casing, 100' in open hole)
 - b. 200' plug from top of Fruitland Coal at 1170 to 1370.
 - c. 150' plug across base of Ojo Alamo sand at 310. (100' below base of sand and 50' above base of sand).
 - d. 100' plug across shoe of 8-5/8" casing. (30' in casing, 70' in open hole).
 - e. 10 sack plug at surface.

4914-47

4973-87

4991-5007

PBTD 5041

4-1/2" @
5050

TD 5055

7. Install permanent abandonment marker as follows:

Steel marker at least 4 inches in diameter set in concrete and extending at least 4' above mean ground level. The name and number of the well and its location (Unit letter, section, township and range) shall be welded, stamped, or otherwise permanently engraved into the metal marker.

8. Perforate 4-1/2" casing w/4 JSPF as follows:

a. Fruitland Coal - Pictures Cliffs interval 1200 to 1201.

b. Below Ojo Alamo sand from 410 to 411.

9. Run tubing, spot a 50 sack (10.3 bbls, 630' in 4-1/2" casing) Class "G" cement plug from 1200 to 570.

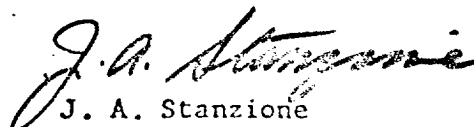
10. Pull tubing to $\pm 400'$, close bradenhead, displace 20 sax through perforations 1200 to 1201. WOC hours.

11. Pull tubing to perforations 410 to 411.

12. Load 4-1/2" casing with cement (\pm 35 sax) and pull tubing. With bradenhead open, displace 20 sax cement through perforations 410 to 411.

13. Spot 10 sack plug at surface.

14. Install abandonment marker as outlined in step 7.


J. A. Stanzione