

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(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

7. UNIT AGREEMENT NAME

Carson Unit

8. FARM OR LEASE NAME

9. WELL NO.

21-24

10. FIELD AND POOL, OR WILDCAT

Bisti

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

T25N, R12W

12. COUNTY OR PARISH 13. STATE

San Juan

N.M.

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

660' FNL & 1881' FWL of Sec. 24,  
T25N, R12W, N.M.P.M., San Juan County, New Mexico

14. PERMIT NO.

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

6436.7' K.B.

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.)\*

SEE ATTACHED ABANDONMENT PROGNOSIS



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

SIGNED

*J. W. Grumel*

TITLE Division Operations Engineer DATE SEP 15 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*Okaf*

\*See Instructions on Reverse Side

Prognosis  
Plug and Abandonment  
Carson Unit 21-24  
Section 24, T25 N, R12 W  
San Juan County, New Mexico

Pertinent Data

TD: 5015 PBSD:  
8 5/8 Csg. @ 107  
4 1/2 Csg. @ 5013 w/150 sax. with 4% gel  
7 7/8 Hole

Elevation: 6437

KB - GL = 9

Permanent Datum = KB

Past and current status:

Presently TAD. Completed 6/27/58. Flowing 146 BOD  
3.1 MCF/Day gas

Proposed Work: Plug and Abandon

1. Pull equipment. If tubing is openended, lower to PBSD, load hole with mud. (Add 20 sax aquagel + 1 sack Benex 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 overnight.
3. Pull tubing.
4. Rig up casing pullers.
5. Attempt to shoot and pull casing. (theoretical cement top at 4013. Top of Mancos Shale 3862. 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 1230 to 1430.
  - c. 150' plug across base of Ojo Alamo sand at 290. (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.

8 5/8  
to 107

4876

4904

4939

4950

4956

4968

4973

4990

PBSD 5002

4 1/2" Csg.

7. Install permanent abandonment marker as follows:

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 1230 to 1231.
- b. Below Ojo Alamo sand from 390 to 391.

9. Run tubing, spot a 50 sack (10.3 bbls, 630' in 4-1/2" casing) Class "G" cement plug from 1230 to 600.

10. Pull tubing to ±400', close bradenhead, displace 20 sax through perforations 1230 to 1231. WOC hours.

11. Pull tubing to perforations 390 to 391.

12. Load 4-1/2" casing with cement (± 35 sax) and pull tubing. With bradenhead open, displace 20 sax cement through perforations 390 to 391.

13. Spot 10 sack plug at surface.

14. Install abandonment marker as outlined in step 7.

  
J. A. Stanzione