

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved:
Budget Bureau No. 42 R1424

5. LEASE DESIGNATION AND SERIAL NO.

E.W. Mudge No. 1
SF 078063

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

P. O. Box 831, Houston, Texas 77001

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

1977' FSL & 1766' FWL of Sec. 20, T25N, R11W, N.M.P.M.,
San Juan County, New Mexico

11. PERMIT NO.

17. ELEVATION (Show whether DE, RT, GR, etc.)

6454.8' K.B.

7. UNIT AGREEMENT NAME

Carson Unit

8. FARM OR LEASE NAME

9. WELL NO.

23-20

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR B.L. AND
SURVEY OR AREA

Section 20, T25N,
R11W, N.M.P.M.

12. COUNTY OR PARISH 13. STATE

San Juan

N.M.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(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 pertinent to this work.)*

See attached Abandonment Prognosis



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

SIGNED

D. L. Wadd

TITLE Division Operations Engineer

DATE 1/27/77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Okaf

*See Instructions on Reverse Side

8 5/8"
211'

Prognosis
Plug and Abandonment
Carson Unit 23-20
Section 20, T 23 N, R 11 W
San Juan County, New Mexico

Pertinent Data

TD: 5075' PBD: 5030'
8 5/8" Csg. @ 211'

5 1/2" Csg. @ 5059' w/ 200 sax.

7 7/8" Hole

Elevation: 6455' KB

KB - CL = 12'

Permanent Datum = KB

Past and current status: Presently T. A. 'd.

Converted to W.I. 1/62. Only 8' of MicroLog pay indicated and no recompletion prospects exist.

Proposed Work: Plug and Abandon

1. Pull equipment. If tubing is openended, lower to PBD, 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 35 sax Class "G" cement mixed w/1# floccle/sack over perforations and above perforations. Minimum requirements - 100' cement plug above perforations. WOC 12 hrs.
3. Pull tubing.
4. Rig up casing pullers. Determine casing free point.
5. Attempt to shoot and pull casing at free point (theoretical cement top at 3145'). Top of Mancos Shale 3853'. Do not spend more than 3 hrs. on attempt to pull casing. If unable to pull any casing go to step 8.
6. If casing is recoverable, place cement plugs by cementing through casing or running tubing inside of csg. as it is pulled. Spot Class "G" cement plugs as follows:
 - a. 150' plug across stub of 5 1/2" casing. (50' in casing, 100' in open hole)
 - b. 200' plug from top of Fruitland Coal at 1140' to 1340'.
 - c. 150' plug across base of Ojo Alamo sand at 360'. (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.

PBD 5030'
5059'
DIST. 3

5 1/2"
5059'
14#

TD 5075'

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 5 1/2 " casing w/4 JSPF as follows:

- a. Fruitland Coal - Pictures Cliffs interval 1190' to 1191'.
- b. Below Ojo Alamo sand from 460' to 461'.

9. Run tubing, spot a 50 sack Class "G" cement plug from 1190' to 790'.

10. Pull tubing to ±400', close bradenhead, displace 20 sax through perforations 1190' to 1191'. WOC _____ hours.

11. Pull tubing to perforations 460' to 461'.

12. Load 5 1/2 " casing with cement (± 35 sax) and pull tubing. With bradenhead open, displace 20 sax cement through perforations 460' to 461'.

13. Spot 10 sack plug at surface.

14. Install abandonment marker as outlined in step 7.

266
COC:maf

J. A. Stanzione

(22)