

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

7. UNIT AGREEMENT NAME

Carson Unit

8. FARM OR LEASE NAME

9. WELL NO.

6-13

water well

10. FIELD AND POOL, OR WILDCAT

Bisti

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

Sec. 13, T25N,
R12W, NMPM

12. COUNTY OR PARISH 13. STATE

San Juan

N.M.

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER Salt Water Source

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

724' FNL & 2640' FEL of Sec. 13, T25N,
R12W, NMPM, San Juan Co., N.M.

14. PERMIT NO.

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

6380' K.B.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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)

(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

R. Plautz

TITLE Division Operations Engr.

DATE

JUN 29 1977

(This space for Federal or State office use)

APPROVED BY

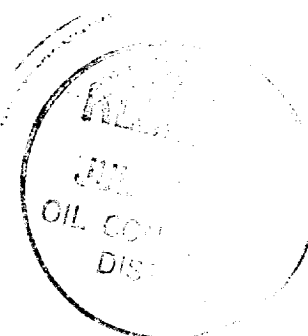
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CC: NMOCC

*See Instructions on Reverse Side



Plug and Abandonment
Carson Unit 4-13 MS
Section 13, T 25 N, R 12 W
San Juan County, New Mexico

10 3/4"
75'
40.5"

Pertinent Data

TD: 3805' PBTD: 3789'

10 3/4" Csg. @ 75'

7" Csg. @ 3789' w/ 200 sax.

9 7/8" Hole

PKR cellar @ 2780'

Elevation: 6380' KB

KB - GL = 13'

Permanent Datum = KB

Past and current status: Presently T.A'd.
Initially pumped 3500 GPM.

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 225 sax Class "G" cement mixed w/1# flocele/sack over perforations and above perforations. Minimum requirements - 100' cement plug above perforations.
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 1900'). Top of Mancos Shale . 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 7" casing. (50' in casing, 100' in open hole)
 - b. 200' plug from top of Fruitland Coal at 1200' to 1400'.
 - c. 150' plug across base of Ojo Alamo sand at 300'. (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.

2788'

7"
3789'
25"

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.

(Continuation from Step 5)

8. Perforate 7" casing w/4 JSPF as follows:
- a. Fruitland Coal - Pictures Cliffs interval 1200' to 1201'.
 - b. Below Ojo Alamo sand from 400' to 401'.
9. Run tubing, spot a 100 sack Class "G" cement plug from 1200' to 670'.
10. Pull tubing to ±400', close bradenhead, displace 40 sax through perforations 1200' to 1201'. WOC 2 hours.
11. Pull tubing to perforations 400' to 401'.
12. Load 7" casing with cement (± 60 sax) and pull tubing. With bradenhead open, displace 35 sax cement through perforations 400' to 401'.
13. Spot 10 sack plug at surface.
14. Install abandonment marker as outlined in step 7.

300
COC:maf

J. A. Stanzione