

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 #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 Injection
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 2100' FNL & 1880' FEL of Sec. 20, T25N, R11W, NMPM, San Juan Co., New Mexico
14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6429.8' KB

7. UNIT AGREEMENT NAME Carson Unit
8. FARM OR LEASE NAME
9. WELL NO. 32-20
10. FIELD AND POOL, OR WILDCAT Bisti
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T25N, R11W, NMPM
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 ☐	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 SEP 26 1977

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

cc: NMO&GCC

*See Instructions on Reverse Side



8 7/8"
187'
24"

Prognosis
Plug and Abandonment
Carson Unit 32-20 M.I.
Section 20, T25N, R11W
San Juan County, New Mexico

Pertinent Data

TD: 5020' PSTD: 4910'

8 7/8" Csg. @ 187'

4 1/2" Csg. @ 5015' w/ 150 sax.

7 7/8" Hole

Elevation: 6430' KB

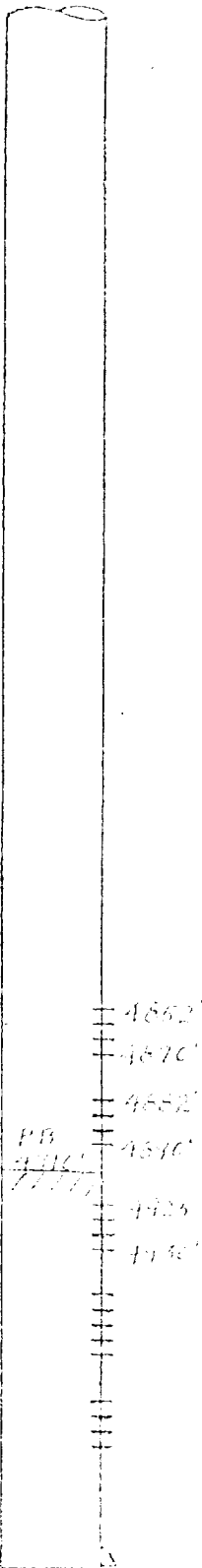
KB - GL = 9'

Permanent Datum = KB

Past and current status: Presently T.A'd.
Conv. to injector 1/22. Initial production: 6 BDC.
3 BOW.

Proposed Work: Plug and Abandon

1. Pull 469' pkr. Rontubing openended, lower to PSTD, load hole with mud. (Add 20 sack aquagel + 1 sack Benes per 100 bbls of mud or 20 sack salt gel per 100 bbls mud).
2. Spot 15 sack Class "G" cement mixed w/1# floccle/sack over perforations and above perforations. Minimum requirements - 100' cement plug above perforations. L.C.C. 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 4250'). Top of Mancos Shale 3850'. 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 4 1/2" casing. (50' in casing, 100' in open hole)
 - b. 200' plug from top of Fruitland Coal at 1120' to 1320'.
 - c. 150' plug across base of Ojo Alamo sand at 330'. (100' below base of sand and 50' above base of sand).
 - d. 100' plug across shoe of 5-5/8" casing (30' in casing, 70' in open hole).
 - e. 10 sack plug at surface.



4 1/2"
5015'
9.5"

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 4 1/2" casing w/4 JSPP as follows:
- a. Fruitland Coal - Pictures Cliffs interval 1170' to 1171'.
 - b. Below Ojo Alamo sand from 430' to 431'.
9. Run tubing, spot a 50 sack Class "G" cement plug from 1170' to 530'.
10. Pull tubing to $\pm 400'$, close bradenhead, displace 20 sax through perforations 1170' to 1171'. WOC 2 hours.
11. Pull tubing to perforations 430' to 431'.
12. Load 4 1/2" casing with cement ($\pm$ 30 sax) and pull tubing. With bradenhead open, displace 20 sax cement through perforations 430' to 431'.
13. Spot 10 sack plug at surface.
14. Install abandonment marker as outlined in step 7.

CC
COC:maf

J. A. Stanzione