

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. 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

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 & 2085' FWL Sec. 17

14. PERMIT NO.

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

6373.7' KB

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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. Kinnear

TITLE Division Operations Engineer DATE 2/24/75

(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 23-17
 Section 17, T25N, R11W
 San Juan County, New Mexico

Pertinent Data

TD: 5075' PBD: 4922' (Tracer Survey 10/68).
 8-5/8" Csg. @ 214'
 5-1/2"-14# Csg. @ 503' w/200 sax.
 7-7/8" Hole 49

Elevation: 6374' KB

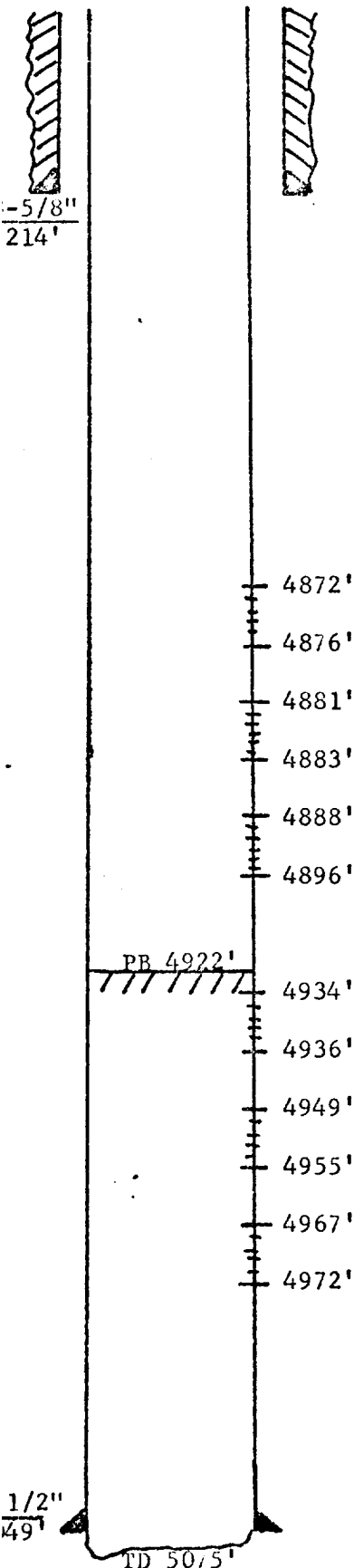
KB - GL = 12.7'

Permanent Datum = KB

Past and current status: 10/30/57 - IP flwd 312 BOPD (Natural). 11/59 - Frac. w/ 50,000 gal. 1/62 - Converted to injection. Packer at 4798'. 5/67 - AFE prepared to PB W/A Bridge Plug. No record of work. 10/68- Tracer indicates PB @ 4922'. Date of last use - 1970.

PROPOSED WORK: Plug and Abandon

1. Pull rods. If tubing not equipped with a packer or anchor, lower tubing to PBD and spot 20 sack Class "G" cement mixed with 1# flocele/sack over perfs. and above perfs. Minimum requirements - 100' of cement above perfs. WOC overnight. *9PPA?*
2. Tag plug, load hole with mud. (Add 20 sax aquagel + 1 sack Benex per 100 bbls mud or 20 sax salt gel per 100 bbls mud.)
3. Pull tubing.
4. Rig up casing pullers. Run free point.
5. Attempt to shoot and pull casing, ~~at 4922'~~. (theoretical cement top at 3722'. Top of Mancos Shale 3845'. 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 5-1/2" casing. (50' in casing, 100' in open hole)
 - b. 200' plug from top of Fruitland Coal at 1148' to 1348'.
 - 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.



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 JSFF as follows:

- a. Fruitland Coal - Pictures Cliffs interval 1170' to 1171'.
- b. Below Ojo Alamo sand from 400' to 401'.

9. Run tubing, spot a 50 sack (10.3 bbls, 420' in 5-1/2" casing) Class "G" cement plug from 1170' to 750'.

- 10. Pull tubing to $\pm 400'$, close bradenhead, displace 20 sax through perforations 1170' to 1171'. WOC 2 hours.

11. Pull tubing to perforations 400' to 401'.

12. Load 4-1/2" casing with cement (± 40 sax) and pull tubing. With bradenhead open, displace 20 sax cement through perforations 400' to 401'.

13. Spot 10 sack plug at surface.

14. Install abandonment marker as outlined in step 7.

JAH
JAH:las

DIV. OE (Houston) *BTK*

[Signature]
DIV. OE (Denver) *J. A. Stanzione*
2/25/75

J. A. Stanzione
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