

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.
E.W. Mudge No. 2
SF 078062
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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injector	7. UNIT AGREEMENT NAME Carson Unit
2. NAME OF OPERATOR Shell Oil Company	8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P. O. Box 831, Houston, Texas 77001	9. WELL NO. 31-17
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 658' FNL & 1975' FEL of Sec. 17, T25N, R11W, N.M.P.M., San Juan County, New Mexico	10. FIELD AND POOL, OR WILDCAT Bisti
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 17, T25N, R11W, N.M.P.M.
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6362.5' K.B.	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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input checked="" type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

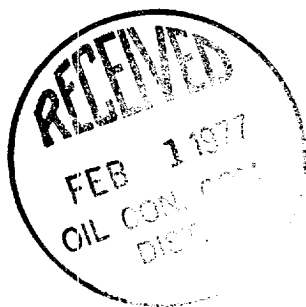
SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

(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



JAN 31 1977
U. S. GEOLOGICAL SURVEY

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

SIGNED **D. L. Dodd** 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:

*See Instructions on Reverse Side
TWO DIVISIONS
ALBANY, NEW YORK 12207

8 5/8"
107'

Prognosis
Plug and Abandonment
Carson Unit 31-17
Section 17, T 25 N, R 11 W
San Juan County, New Mexico

Pertinent Data

TD: 5040' PSTD: 4936'

8 5/8" Csg. @ 107'

4 1/2" Csg. @ 5030' w/ 150 sax.

7 7/8" Hole

Elevation: 6363' KB

KB - GL = 10'

Permanent Datum = KB

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

Converted to W.I. 1/62. AFE in File to Plug back

No record of work. Profile survey indicates

PB at 4936'.

Proposed Work: Plug and Abandon

No pay indicated on MicroLog.

1. Pull equipment. If tubing is opened, lower to PSTD, 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# floccle/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 4210'). Top of Manc Shale 3881'. Do not spend more than 3 hrs. on attempt to pull casing. If unable to pull any cas 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 370'. (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 JSPF as follows:
- Fruitland Coal - Pictures Cliffs interval 1190' to 1191'.
 - Below Ojo Alamo sand from 470' to 471'.
9. Run tubing, spot a 50 sack Class "G" cement plug from 1190' to 560'.
10. Pull tubing to $\pm 400'$, close bradenhead, displace 20 sax through perforations 1190' to 1191'. WOC _____ hours.
11. Pull tubing to perforations 470' to 471'.
12. Load 4 1/2" casing with cement (\pm 35 sax) and pull tubing. With bradenhead open, displace 20 sax cement through perforations 470' to 471'.
13. Spot 10 sack plug at surface.
14. Install abandonment marker as outlined in step 7.

COC:maf

J. A. Stanzione