

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1421

5. LEASE DESIGNATION AND SERIAL NO.  
L.M. Phillips 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

7. UNIT AGREEMENT NAME

Carson Unit

2. NAME OF OPERATOR

8. FARM OR LEASE NAME

Shell Oil Company

3. ADDRESS OF OPERATOR

9. WELL NO.

1700 Broadway, Denver, Colorado 80202

32-19

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

10. FIELD AND POOL, OR WILDCAT

1980' FNL 1980' FEL of Sec. 19, T25N,  
R11W, NMPM, San Juan C. N.M.

Bisti

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

Sec. 19, T25N, 11 W.

R12W, NMPM

14. PERMIT NO.

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

6452' KB

12. COUNTY OR PARISH

San Juan

13. STATE

N.M.

10. 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 COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

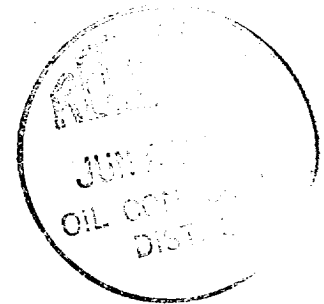
CHANGE PLANS

(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. S. Plauty

TITLE Division Operations Engr.

DATE 6/17/77

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

CC: NMOCC

*Old*

\*See Instructions on Reverse Side

24"  $\frac{8\frac{5}{8}"$   
108'



Plug and Abandonment  
Carson Unit 32-19  
Section 19, T 25 N, R 11 W  
San Juan County, New Mexico

Pertinent Data

TD: 5015' PBD: -  
8 5/8" Csg. @ 108'

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

7 7/8" Hole

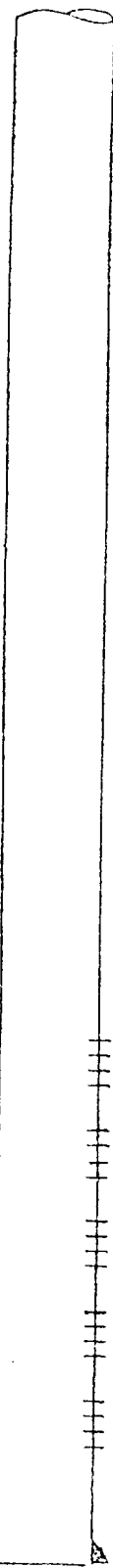
Elevation: 6452' KB

KB - GL = 9'  
Permanent Datum = KB

Past and current status: Presently T.A'd  
Hole in casing, suspected to be at 3636'±.

Proposed Work: Plug and Abandon

1. No equipment. Run tubing . openended, lower to PBD, 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 25 sax Class "G" cement mixed w/1# flocele/sack over perforations and above perforations. Minimum requirements - 100' cement plug above perforations. w.o.c 12 hrs
3. Pull tubing. Run pky & locate leak. Pull pky Spot 35 sx cnt plug starting 50' below leak. Squeeze 15 sx through leak.
4. Rig up casing pullers. Determine casing free point.
5. Attempt to shoot and pull casing at free point (theoretical cement top at 4240'). Top of Mancos Shale 3855'. 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 1200' to 1400'.
  - c. 150' plug across base of Ojo Alamo sand at 310'. (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.



4873'  
4900'  
4908'  
4917'  
4947'  
4954'  
4961'  
4976'  
4981'  
4991'

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 JSPF as follows:
- a. Fruitland Coal - Pictures Cliffs interval 1230' to 1231'.
  - b. Below Ojo Alamo sand from 410' to 411'.
9. Run tubing, spot a 50 sack Class "G" cement plug from 1230' to 590'.
10. Pull tubing to  $\pm 400'$ , close bradenhead, displace 20 sax through perforations 1230' to 1231'. WOC 2 hours.
11. Pull tubing to perforations 410' to 411'.
12. Load 4 1/2" casing with cement ( $\pm$  30 sax) and pull tubing. With bradenhead open, displace 20 sax cement through perforations 410' to 411'.
13. Spot 10 sack plug at surface.
14. Install abandonment marker as outlined in step 7.

COC:maf

J. A. Stanzione