

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.

NM - 0468006

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

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

1730' FSL & 790' FWL Section 9

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mudge

9. WELL NO.

301

10. FIELD AND POOL, OR WILDCAT

Bisti Basin Oak

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

NW/4 SW/4 Section 9-  
T25N-R11W

14. PERMIT NO.

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

6364 KB, 6352 GR

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

☐  
☐  
☐  
☐  
☐

PULL OR ALTER CASING

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☐  
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☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐  
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

☐  
☐  
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(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. Brunel*

TITLE Div. Oper. Engr.

DATE 8/28/75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*Okal*

\*See Instructions on Reverse Side

Prognosis  
Plug and Abandonment  
Shell Mudge 8 # 301  
Basin Dakota Gas Pool Bisti Field  
Section 9, T25N, R 11 W  
San Juan County, New Mexico

Pertinent Data: TD 5920' PBTD 5860'  
8-5/8 csg. @ 519'  
4-1/2 csg. @ 5920' w/350 sax  
7-7/8" hole.

AFE 518556

Elevation: 6352 GL

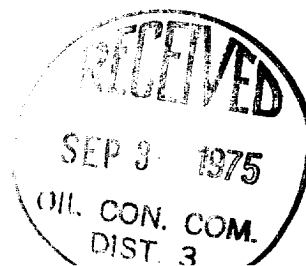
KB - GL: 12'

Permanent Datum: KB

Past and Current Status: Well presently SI after failing to produce into the low pressure gas gathering system.

Proposed Work: Plug and Abandon.

1. Lower tubing to PBTD, spot 20 sack Class "G" cement plug from PBTD to 5595' (Theoretical top). Minimum requirements -100' plug above perforations. WOC overnight.
2. Tag plug, load hole with mud. (Add 20 sax aqua gel + 1 sack Benex per 100 bbls. of mud or 20 sax salt gel per 100 bbls of mud.)
3. Pull tubing.
4. Rig up casing pullers. Run free point.
5. Attempt to shoot and pull casing. Cement top from CBL - 4360'. Collars at 4322-1/2', 4286', 4247'. If efforts to pull casing below 4000' fail, attempt to shoot casing above 3930' (top of Mancos Shale).
6. If able to pull casing, go to step 10.
7. If casing cannot be pulled, perforate 4-1/2" casing with 4 JSPF from 1240-41.
8. Run tubing open ended, spot 40 sack Class "G" cement from 1240 to 710'. Pull tubing to  $\pm$  500', displace 4 barrels of cement through perforations 1240-41.
9. Spot 10 sack cement plug at surface. Set markers in accordance with step 11.



Proposed Work Cont'd.

10. Run tubing open ended, 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 1208-1408'.
- c. 100' plug across 8-5/8" casing shoe.  
(30' in casing, 70' in open hole)
- d. 10 sack plug at surface.

11. 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.

*JAH*  
JAH:maf

B. L. Faulk

Div. OE (Houston) - *gvc*  
Div. OE (Denver) - *gvc*



Schematic Diagram  
Shell Mudge 8 # 301  
Basin Dakota Gas Pool

