

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved,
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

036253

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mudge 6

9. WELL NO.

303

10. FIELD AND POOL, OR WILDCAT

Bisti-Basin Dakota

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREANW/4 NE/4 Section 16,
T25N, R11W, NMPM

12. COUNTY OR PARISH 13. STATE

San Juan N.M.

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 surface970' FNL and 1735' FEL of Section 16, T25N
R11W, N.M.P.M., San Juan County, New Mexico

14. PERMIT NO.

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

6420' KB

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

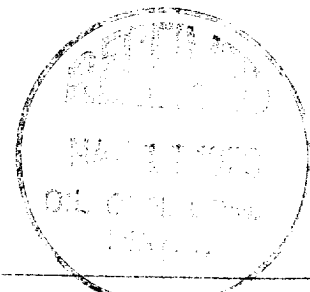
ALTERING CASING

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

P. Plauty

TITLE

Division Operations Engineer

DATE

5/7/79

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

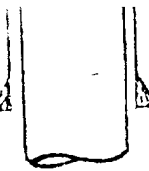
DATE

cc: NMO:GCC w/attach for info

*See Instructions on Reverse Side

Wumoc

8 5/8"
610'



PROGNOSIS
PLUG AND ABANDONMENT
SHELL MUDGE 6 #303
BASIN DAKOTA GAS POOL BISTI FIELD
SECTION 16, T25N, R11W
SAN JUAN COUNTY, NEW MEXICO

Pertinent Data:

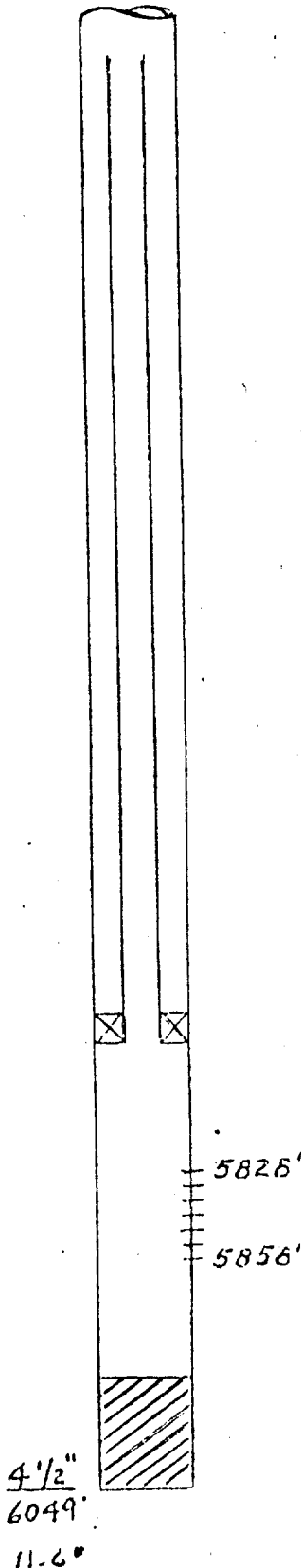
AFE: 521061

Elev: 6420' KB
KB-GL: 13'
TD: 6050' PBD: 5964'
8-5/8" casing @ 610' cement to surface
4-1/2" casing @ 6049' cement w/810 cu. ft.
Cement top @ 4180'

Past and Current Status: Well presently SI after failing to produce.

Proposed Work: Plug and Abandon

1. Pull tubing and Model "R" dbl. grip packer @ 5782'.
2. Run tubing open-ended to PBD, spot 25 sack Class "G" cement plug from PBD to 5630' (Theoretical top). Minimum requirements - 100' plug above perforations. Pull tubing to 2000'±. Close well in overnight.
3. Tag plug, load hole with mud. (Add 20 sacks aquagel + 1 sack Benex per 100 bbls. mud or 20 sax salt gel per 100 bbls. of mud).
4. Pull tubing.
5. Rig up casing pullers. Determine casing free point.
6. Attempt to shoot and pull casing. Cement top from CBL-4180'. Collars at 4176-1/2', 4144', 4112', 4080', 4047-1/2', 4014', 3982', 3898'.
7. If able to pull casing, go to Step 11.
8. If casing cannot be pulled, perforate 4-1/2" casing with 4 JSPF from 1325'-1326'.
9. Run tubing open ended, spot 40 sacks Class "G" cement from 1325' to 790'. Pull tubing to 550'±. displace 20 sacks of cement through perforations T325-26'.
10. Spot 10 sack cement plug at surface. Set marker in accordance with Step 12.



11. If casing is recoverable, place cement plugs by cementing through casing or running tubing inside of casing 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 1300-1500'.
- c. 100' plug across 8-5/8" casing shoe.
(30' in casing, 70' in open hole).
- d. 10 sack plug at surface.

12. 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.

Approved _____

COC:JL

Date _____

COC