

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT 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. 2 SF 078062

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Carson Unit

8. FARM OR LEASE NAME

9. WELL NO.

33-18

10. FIELD AND POOL, OR WILDCAT

Bisti-Gallup

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREASec. 18, T25N,  
R11W, NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

## 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 ☐ OTHER2. NAME OF OPERATOR  
Shell Oil Company3. ADDRESS OF OPERATOR  
1700 Broadway, Denver, Colorado 802024. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface1930' FSL and 1980' FEL of Section 18, T25N, R11W, N.M.P.M.,  
San Juan County, New Mexico

14. PERMIT NO.

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

6415.9' KB

## 18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☒  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☒

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other) Return to production

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

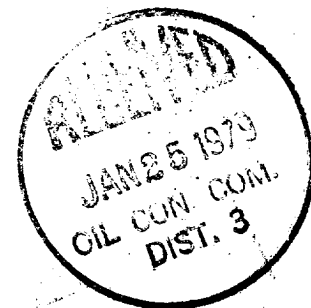
ALTERING CASING

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 prognosis

JAN 24 1979  
U. S. GEOLOGICAL SURVEY

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

SIGNED

TITLE Division Operations Engineer

DATE 1/22/79

(This space for Federal or State office use)

APPROVED BY

TITLE

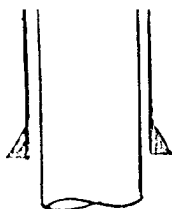
DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: NMO&amp;GCC w/attach for info

\*See Instructions on Reverse Side

8 5/8"  
109'  
24"



REMEDIAL PROGNOSIS  
CARSON UNIT 33-18  
1930' FSL AND 1980' FEL  
SECTION 18, T25N, R11W, NMPM  
BISTI FIELD  
SAN JUAN COUNTY, NEW MEXICO

PERTINENT DATA:

Elev. 6416' KB  
KB-GL: 9'  
TD: 5050' PBTD: 5045'

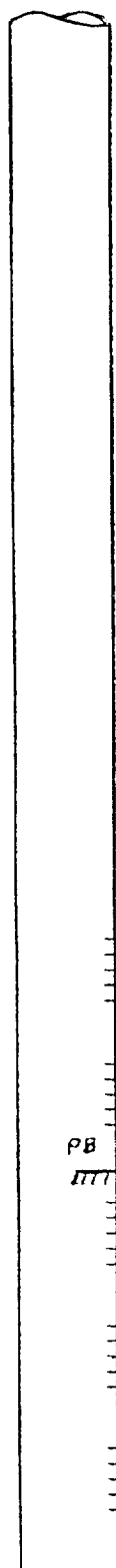
Completion Date: 5-27-59

CURRENT STATUS: Temporarily Abandoned

PROPOSED WORK: Stimulate the Gallup producing interval,  
install artificial lift equipment and  
return well to production.

PROCEDURE:

1. Install dead man anchors.
2. Move in rig.
3. Run sinker bar on sandline and tag bottom.
4. If fill is above 5000'±, bail clean to 5000'±.
5. Pick up string of 2-3/8" tested "white band" tubing with casing scraper on bottom and run to 4995'±.
6. Check fill depth, if above 4990', clean out to 4990'.
7. Plug back from clean out depth to 4950' with cement using dump bailer. Minimum top of cement to be at 4950'. W.O.C. overnight.
8. Check top of cement plug.
9. Run retrievable packer with 1 joint tail. Flush injection lines and pump before hooking up to well head. With tail at 4885'±, set packer and test casing with 800± psi surface pressure. Spot 600 gals. Dowell P-121 solvent to perfs, follow solvent with 2000 gals. 15% HCl and displace acid with 2% KCl water. Start treatment at 1 BPM and increase rate as pressure decreases. Do not exceed 1400 psi surface pressure. Acid to contain 20 gals. Dowell U 42 Versene sequestering agent and 6 gals. Dowell A 200 inhibitor.
10. Shut well in overnight.
11. Pull tubing and packer.



4 1/2"  
5045'  
9.5"

12. Run 2-3/8" tubing with anchor 2 jts. above shoe. Run rods as per attached "equipment specifications" sheet.
13. Repair electrical line to location. Install transformer and controller.
14. Tie flowline in to gathering system.
15. Install pad for Lufkin 299 pumping unit.
16. Install Lufkin TC1-41B (299-250-74) pumping unit.
17. Put well on production. Test well and report tests to Houston Operations Engineering.

Approved

H. B. [unclear] INC. [unclear] Thompson

Date

12-18-78

COC:JL