

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-B1424.

5. LEASE DESIGNATION AND SERIAL NO.

Mudge No. 3 SF 078064

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Carson Unit

8. FARM OR LEASE NAME

9. WELL NO.

12-13

10. FIELD AND POOL, OR WILDCAT

Bisti-Gallup

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

Sec. 13, T25N, R12W,  
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

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

1980' FNL and 660' FWL of Section 13, T25N, R12W,  
N.M.P.M., San Juan County, New Mexico

14. PERMIT NO.

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

6402' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

|   |
|---|
|   |
|   |
| X |
|   |

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

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|  |

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

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|  |
|  |

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

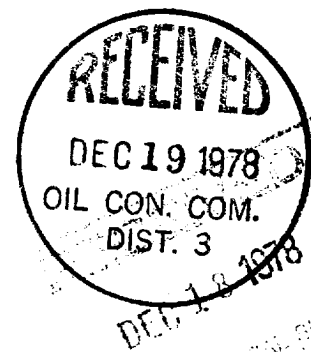
ABANDONMENT\*

|  |
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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 prognosis.



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

SIGNED E. Plautz

TITLE Division Operations Engineer

DATE 12/15/78

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

cc: NMO&GCC w/attach

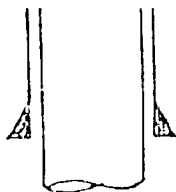
\*See Instructions on Reverse Side

NMOCC

Chal

8 5/8"  
100'

24"



REMEDIAL PROGNOSIS  
CARSON UNIT 12-13  
1980' FNL AND 660' FWL  
SECTION 13, T25N, R12W, NMPM  
BISTI FIELD  
SAN JUAN COUNTY, NEW MEXICO

PERTINENT DATA:

Elev: 6402' KB  
KB-GL: 8'  
TD: 5015'

Completion Date: 2-28-58

CURRENT STATUS: Shut down as a noneconomical producer  
w/hole in tubing.

PROPOSED WORK: Stimulate the Gallup producing interval  
to improve productivity.

PROCEDURE:

1. Move in rig.
2. Pull rods and pump. Visually inspect for any defects.
3. Lower tubing and tag bottom.
4. Pull tubing. Visually inspect for any defects. If tubing is defective, lay tubing down, otherwise stand tubing back.
5. If bottom was tagged above 4970'±, clean out to 4970'±.
6. Run casing scraper on tubing to 4965'±. If tubing was not defective, Hydrotest tubing while running scraper. If tubing was defective, pick up string of tested "white band" tubing.
7. Check fill depth, if above 4960', bail clean to 4960'.
8. Plug back from clean out depth to 4935' with cement using dump bailer. Minimum top of cement to be at 4935'. W.O.C. overnight.
9. Run retrievable packer on tubing with one joint tail. Flush injection lines and pump with water before hooking up to well head. With tail at 4865'±, set packer and test casing with 800'± psi surface pressure. Spot 600 gals. Dowell P-12T solvent to perfs, follow solvent with 2500 gals. 15% HCl and displace acid with 2% KCl water. Pump solvent at 1 BPM. Start acid treatment, when acid hits perfs, at 1 BPM and slowly increase rate as pressure decreases. Increase rate to maximum obtainable not to exceed 1400 psi surface pressure. Add 25 gals. Dowell U 42 Versene sequestering agent and 6 gals. Dowell A 200 inhibitor to acid.

4875'  
4900'  
4909'  
PB 4921'  
4947'  
4952'  
4957'  
4972'  
4975'  
4992'

4 1/2"  
5015'

9.5"

10. Shut in well overnight.
11. Pull tubing and packer.
12. Run 2-3/8" tubing with anchor 1 joint above shoe. Run rods as per attached "equipment specifications" sheet.
13. Put well on production. Test well and report tests to Houston Operations Engineering.

Approved

*J. Beard* *JP*

Date

11-28-78

COC:JL

*JEC*