

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME Carson Unit	
2. NAME OF OPERATOR Shell Oil Company		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR 1700 Broadway Denver, Colorado 80202		9. WELL NO. 41-23	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  660' FNL & 660' FEL of Section 23, T25N, R12W, N.M.P.M., San Juan County, New Mexico		10. FIELD AND POOL, OR WILDCAT Bisti-Lower Gallup	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, CR, etc.) 6434.7' KB	
		11. SEC., T., R., M., OR BLK. AND SUBVEY OR AREA Sec. 23, T25N, R12W, NMPM	
		12. COUNTY OR PARISH San Juan	
		13. STATE N.M.	

16. 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

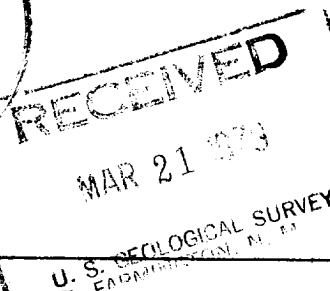
(Other)

(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 prognosis.



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

SIGNED

*R. Plauty*

TITLE

Division Operations Engr.

DATE

3/19/79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: NMO&GCC w/attach for info

\*See Instructions on Reverse Side

*NMO&GCC*

8 5/8"  
226'

24"

STIMULATION PROGNOSIS  
CARSON UNIT 41-23  
660' FNL AND 660' FEL  
SECTION 23, T25N, R12W, NMPM  
BISTI FIELD  
SAN JUAN COUNTY, NEW MEXICO

PERTINENT DATA:

Elev: 6434.7' KB  
KB-GL: 9'  
TD: 5072' PBD: 5028'

Completion Date: 10/29/57

CURRENT STATUS: Producing 1.5 BDO + 17 BDW

PROPOSED WORK: Plug back the lower sands w/cement and stimulate the upper sand of the Gallup producing interval to improve oil productivity.

PROCEDURE:

1. Move in rig. Pressure pump for indication of any leaks.
2. Pull rods and pump. Visually inspect rods for any defects.
3. Lower tubing and tag bottom.
4. Tally tubing out of hole. Visually inspect tubing for any defects.
5. If fill is above 4940', bail clean to 4940'±.
6. Run casing scraper on tubing to 4935'. Test tubing if necessary. Pull tubing and scraper.
7. Plug back with cement from clean-out depth to 4900' using dump bailer. Minimum top of cement to be at 4900'. W.O.C. overnight.
8. Run tubing with retrievable packer and 1 joint tail.
9. Flush Service Company's injection line and pump before hooking up to wellhead.

4872'  
4888'  
4903'  
4915'  
4919'  
4926'  
4932'  
4940'  
4953'  
4964'

4 1/2"  
5062'

9.5"

PBD  
5028'

10. With tubing tail at 4865'+, spot 300 gals. Dowell P-121 solvent to perfs and set packer. Follow solvent with 1200 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 acid rate to maximum obtainable not to exceed 1800 psi surface pressure. Add 6 gals. Dowell U 42 Veresene sequestering agent and 4 gals. Dowell A 200 inhibitor to acid.
11. Shut in well overnight.
12. Pull tubing and packer.
13. Run 2-3/8" tubing with anchor 1 joint above shoe. Run rods as per attached "equipment specifications" sheet.
14. Put well on production. Test well and report tests to Houston Operations Engineering.

Approved \_\_\_\_\_

COC:JL

Date \_\_\_\_\_