

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.  
L.M. Phillips No. 7  
NM 070322  
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  
860' FNL & 700' FEL of Sec. 15, T25N, R12W, N.M.P.M.,  
San Juan County, New Mexico  
14. PERMIT NO.  
15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6261' KB

7. UNIT AGREEMENT NAME  
Carson Unit  
8. FARM OR LEASE NAME  
9. WELL NO.  
41-15  
10. FIELD AND POOL, OR WILDCAT  
Bisti  
11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA  
Sec. 15, T25N, R12W,  
NMPM  
12. COUNTY OR PARISH  
San Juan  
13. STATE  
NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input checked="" type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input checked="" type="checkbox"/>
(Other)	Return to production		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(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. Plautz*

TITLE Division Operations Engineer

DATE 6/6/78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: New Mexico O&GCC w/attachment

\*See Instructions on Reverse Side

*Okal*

8 5/8"  
133'  
24"

REMEDIAL PROGNOSIS  
CARSON UNIT 41-15  
860' FNL & 700' FEL  
SECTION 15, T25N, R12W, NMPM  
BISTI FIELD  
SAN JUAN COUNTY, NEW MEXICO

PERTINENT DATA:

Elev.: 6261' BK  
KB-GL: 11'  
TD: 4905' PBD: 4900'

Completion Date: 9-16-57

CURRENT STATUS: Temporarily abandoned.

PROPOSED WORK: Fracture treat the GC sand member of the Gallup zone, install artificial lift equipment and return well to production.

PROCEDURE:

1. Install dead man anchors.
2. Move in rig. Pull tubing, visually inspect for scale, corrosion and/or other defects. If tubing is defective, lay tubing down.
3. Run sinker bar on sandline and check bottom.
4. If fill is above 4860', bail clean to 4860'±.
5. If tubing pulled from well was defective, pick up string of tested "white band" tubing with casing scraper on bottom and run to 4855'±. If tubing pulled from well was not scaled or defective, test tubing while running scraper.
6. Check fill depth, if above 4850', clean out to 4850'.
7. Plug back from clean out depth to 4820' with cement using dump bailer. Minimum top of cement to be at 4820'. Run CIBP and set at 4800'.
8. Run 2-7/8" tubing work string with retrievable packer to 4740'±. Flush injection lines and pump with water before hooking up to well head. Set packer and test casing with 800 psi surface pressure. Spot 400 gals. Dowell P-121 solvent to perms. Follow solvent with 500 gals. 15% HCl. Treat at 1/4 BPM. Displace acid with 2% KCl water. Add inhibitor and sequestering agents as required.
9. Shut in well overnight.

4759'  
4776'  
4834'  
4844'  
4850'  
4859'

4 1/2"  
4900'  
9.5"

REMEDIAL PROGNOSIS  
CARSON UNIT 41-15

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10. Unseat packer and pull to 4650'+ and reset packer.
11. Pressure casing - tubing annulus to 1000 psi and hold throughout job. Frac treat down 2-7/8" tubing with 47,500 gallons water continuously mixed with 40 lbs. Dowell J-266/1000 gallons 2% KCl water. This volume to contain 45,000 lbs. 20/40 mesh sand and 20,000 lbs 10/20 mesh sand at a rate of 17-20 BPM and a estimated surface pressure of 2900-3200 psi as follows:

<u>Gallons</u>	<u>Bbls</u>	<u>Cumm Bbls</u>	<u>Fluid</u>	<u>Conc.</u>	<u>Total Sand</u>
1. 6000*	142	142	WF40	Pad Volume	
2. 10000*	240	382	WF40	1 PPG 20/40	10000#
3. 10000*	240	622	WF40	1.5 PPG 20/40	15000#
4. 10000	240	862	WF40	2 PPG 20/40	20000#
5. 10000	240	1102	WF40	2 PPG 10/20	20000#
6. 1500	36	1138	WF10	Flush	

\*Volumes to contain 30 lbs./1000 gals. J-84 fluid loss additive. Fluid loss additive should be adjusted to obtain 10 cc or less and spurt loss of 2 cc or less using API filter press at 1000 psi with Whatman No. 50 or 52 filter paper or its equivalent.

Frac. Volumes:

46,000 gals WF40  
1,500 gals WF10

45,000 lbs. 20/40 mesh sand  
20,000 lbs. 10/20 mesh sand

Tank requirements - 4-400 Bbl frac. tanks

12. Close well in. Note initial shut-in pressure and shut-in pressure after 15 minutes. Keep well shut in overnight.
13. Slowly bleed pressure to zero, if well still has pressure.
14. Pull tubing and packer.
15. Check for fill and bail if necessary.
16. Run 2-3/8" tubing with anchor 2 jts. above shoe. Run rods as per attached "equipment specifications" sheet.
17. Repair electrical line to location. Install transformer and controller.
18. Tie flowline in to gathering system.

REMEDIAL PROGNOSIS  
CARSON UNIT 41-15

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19. Install 2 point suspension pads for MII 320 unit.
20. Transfer MII 320 pumping unit from WS 1-13 to 41-51.
21. Put well on production. Test well and report tests to Houston Operations Engineering.

Approved: \_\_\_\_\_

Date: \_\_\_\_\_

COC:KW