

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME <b>Carson Unit</b>	
2. NAME OF OPERATOR <b>SHELL OIL COMPANY</b>		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR <b>1700 BROADWAY, DENVER, COLORADO 80202</b>		9. WELL NO. <b>42-15</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1980' FNL &amp; 660' FEL of Sec. 15, T25N, R12W, N.M.P.M., San Juan Co., N.M.</b>		10. FIELD AND POOL, OR WILDCAT <b>Bisti</b>	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>T25N, R12W</b>		12. COUNTY OR PARISH <b>San Juan</b>	
14. PERMIT NO		13. STATE <b>N.M.</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6229' K.B.</b>			

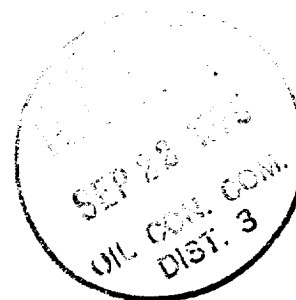
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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

*J. W. Linnell*

TITLE

**Division Operations Engineer**

DATE

**SEP 19 1975**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Prognosis  
Plug and Abandonment  
Carson Unit 42-15  
Section 15, T 25N, R 12W  
San Juan County, New Mexico

Pertinent Data

TD:4855      PSTD:  
8 5/8 Csg. @ 109  
4 1/2 Csg. @ 4850 w/ 150 sax. with 4% gel  
7 7/8 Hole

Elevation: 6229

KB - GL = 9

Permanent Datum = KB

Past and current status: Presently TA'd

Completed 9/30/59. Flowed 37 BOD

33 MCF/Day Gas

Proposed Work: Plug and Abandon

1. Pull equipment. If tubing is opened, lower to PSTD, load hole with mud. (Add 20 sax aquagel + 1 sack Benex per 100 bbls of mud or 20 sax salt gel per 100 bbls mud).
2. Spot 20 sax Class "G" cement mixed w/1# floccle/sack over perforations and above perforations. Minimum requirements - 100' cement plug above perforations. WOC 12 hrs
3. Pull tubing.
4. Rig up casing pullers.
5. Attempt to shoot and pull casing. (theoretical cement top at 3850. Top of Mancos Shale 3683. If unable to pull any casing, go to step 8.
6. If casing is recovered, run tubing OE and 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 top of Fruitland Coal at 950 to 1150.
  - c. ~~150' plug across base of Ojo Alamo sand at 220. (100' below base of sand and 50' above base of sand).~~
  - \* d. 250' plug across shoe of 8-5/8" casing. (30' in casing, 220' in open hole).
  - e. 10 sack plug at surface.

\* Provides 100' cement below base of Ojo Alamo.

8 5/8" @  
109'

4711

4731

4744

4754

4772

4781

4788

4798

4804

4813

4 1/2" @ 4850

TD 4855

7. 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.

8. Perforate 4-1/2" casing w/4 JSPF as follows:

- a. Fruitland Coal - Pictures Cliffs interval 1000 to 1001.
- b. Below Ojo Alamo sand from 320 to 321.

9. Run tubing, spot a 50 sack (10.3 bbls, 630' in 4-1/2" casing) Class "C" cement plug from 1000 to 370.

10. Pull tubing to  $\pm 400'$ , close bradenhead, displace 20 sax through perforations 1000 to 1001. WOC<sub>2</sub> hours.

11. Pull tubing to perforations 320 to 321.

12. Load 4-1/2" casing with cement ( $\pm$  35 sax) and pull tubing. With bradenhead open, displace 20 sax cement through perforations 320 to 321.

13. Spot 10 sack plug at surface.

14. Install abandonment marker as outlined in step 7.

BK/KWL

  
J. A. Stanzione