

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse 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"/>		5. LEASE DESIGNATION AND SERIAL NO. Mims No. 1 SF 078067	
2. NAME OF OPERATOR SHELL OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1700 BROADWAY, DENVER, COLORADO 80202		7. UNIT AGREEMENT NAME Carson Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL & 1976.7' FEL of Sec. 23, T25N, R12W, N.M.P.M., San Juan County, New Mexico		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. 31-23	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6421' K.B.		10. FIELD AND POOL, OR WILDCAT Bisti	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA T25N, R12W	
		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:

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

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)	<input type="checkbox"/>		<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. Brunel*

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 31-23  
Section 23, T25 N, R12 W  
San Juan County, New Mexico

Pertinent Data

8 5/8" to  
107

TD: 4995 PBTD:  
8 5/8 Csg. @ 107  
4 1/2 Csg. @ 4990 w/ 150 sax. with 4% gel  
8 5/8 Hole

Elevation: 6421

KB - GL = 9

Permanent Datum = KB

Past and current status: Presently TA'd

Completed 7/14/59. Flowing 150 BOD

195 MCF/Day Gas

Proposed Work: Plug and Abandon

1. Pull equipment. If tubing is openended, lower to PBTD, 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# flocele/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 4990. Top of Mancos Shale 3837. 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 1100 to 1300.
  - c. ~~150' plug across base of Ojo Alamo sand at 250. (100' below base of sand and 50' above base of sand).~~
  - \* d. 280' plug across shoe of 8-5/8" casing. (30' in casing, 250' in open hole).
  - e. 10 sack plug at surface.

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

4 1/2" to 4990

TD 4995

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 1170 to 1171.
- b. Below Ojo Alamo sand from 350 to 351.

9. Run tubing, spot a 50 sack (10.3 bbls, 630' in 4-1/2" casing) Class "G" cement plug from 1170 to 540.

10. Pull tubing to  $\pm 400'$ , close bradenhead, displace 20 sax through perforations 1170 to 1171. WOC 2 hours.

11. Pull tubing to perforations 350 to 351.

12. Load 4-1/2" casing with cement ( $\pm$  35 sax) and pull tubing. With bradenhead open, displace 20 sax cement through perforations 350 to 351.

13. Spot 10 sack plug at surface.

14. Install abandonment marker as outlined in step 7.

BK/KWL

  
J. A. Stanzione