

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved:
Budget Bureau No. 42-R1421.
5. LEASE DESIGNATION AND SERIAL NO.
E. W. Mudge #3
SF 078064
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		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. 34-24
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL & 1980' FEL of Sec. 24, T25N, R11W, NMPM, San Juan Co., New Mexico -12		10. FIELD AND POOL, OR WILDCAT Bisti
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T25N, R11W, NMPM
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6461' KB	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 abandonment prognosis

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

SIGNED

L. Plaudy

TITLE **Division Operations Engr.**

DATE **10/4/77**

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: NMO&GCC

*See Instructions on Reverse Side

OK

8 5/8"
109'

24 *

Diagnosis
Plug and Abandonment
Carson Unit 34-224
Section 24, T 25, R 12, W
San Juan County, New Mexico

Pertinent Data

TD: 5000' PBTD: 4995'

8 5/8" Csg. @ 109'

4 1/2" Csg. @ 4995' w/ 150 sax.

7 7/8" Hole

Elevation: 6461' KB

KB - GL = 9'

Permanent Datum = KB

Past and current status: Presently T.A'd.
Compl. 7/57. Initial production: Pumped
187 BDO

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 Benes per 100 bbls of mud or 20 sax salt gel per 100 bbls mud).
2. Spot 25 sax Class "G" cement mixed w/1# flocele/sack over perforations and above perforations. Minimum requirements - 100' cement plug above perforations.
3. Pull tubing.
4. Rig up casing pullers. Determine casing free point.
5. Attempt to shoot and pull casing at free point (theoretical cement top at 4240'). Top of Mancos Shale 3628'. Do not spend more than 3 hrs. on attempt to pull casing. If unable to pull any casing go to step 6.
6. If casing is recoverable, place cement plugs by cementing through casing or running tubing inside of csg. as it is pulled. 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 1190' to 1390'.
 - c. 150' plug across base of Ojo Alamo sand at 290'. (100' below base of sand and 50' above base of sand).
 - d. 100' plug across shoe of 8-5/8" casing (30' in casing, 70' in open hole).
 - e. 10 sack plug at surface.

4826'

at
intervals

4939'

4 1/2"
4995'

9.5 #

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.

(Continuation from Step 5)

8. Perforate 4 1/2" casing w/4 JSPF as follows:
- a. Fruitland Coal - Pictures Cliffs interval 1210' to 1211'.
 - b. Below Ojo Alamo sand from 390' to 391'.
9. Run tubing, spot a 50 sack Class "G" cement plug from 1210' to 570'.
10. Pull tubing to ±400', close bradenhead, displace 20 sacx through perforations 1210' to 1211'. ROC 2 hours.
11. Pull tubing to perforations 390' to 391'.
12. Load 4 1/2" casing with cement (± 30 sacx) and pull tubing. With bradenhead open, displace 20 sacx cement through perforations 390' to 391'.
13. Spot 10 sack plug at surface.
14. Install abandonment marker as outlined in step 7.

CAC
COC:maF

J. A. Stanziene