

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
E. W. Mudge No. 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 <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. 31-24	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL & 1980' FEL of Sec. 24, T25N, R12W, NMPM, San Juan Co., N.M.		10. FIELD AND POOL, OR WILDCAT Bisti	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, CR, etc.) 6438' KB	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, 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 <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"/>	
(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 R. Plaudy

TITLE Division Operations Engr.

DATE JUN 22 1977

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

CC: NMOCC

*See Instructions on Reverse Side

Ally

32" 8 5/8"
105'

Plug and Abandonment
Carson Unit 31-24
Section 24, T 25N, R 12W
San Juan County, New Mexico

Pertinent Data

TD: 5030' PBTD: 4996'
8 5/8" Csg. @ 105'

4 1/2" Csg. @ 5029' w/ 150 sax.

7 7/8" Hole

Elevation: 6436' KB

KB - GL = 9'

Permanent Datum = KB

Past and current status: Presently T.A'd
Possible hole in casing at 209' Initial
prod. Pumped 196 Bbls.

Proposed Work: Plug and Abandon

1. No equipment. Run tubing 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 20 sax Class "G" cement mixed w/1# flocele/sack over perforations and above perforations. Minimum requirements - 100' cement plug above perforations. W.S.C. 12 hrs.
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 4260'). Top of Mancos Shale 3859'. Do not spend more than 3 hrs. on attempt to pull casing. If unable to pull any casing go to step 8.
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 1160' to 1360'.
 - c. ~~150' plug across base of Ojo Alamo sand at~~
~~_____ (100' below base of sand and 50'~~
~~above base of sand).~~
 - *d. 200' plug across shoe of 8-5/8" casing (30' in casing, 170' in open hole).
 - e. 10 sack plug at surface.

4876'
4844'
4819'
4724'
4643'
4451'
4426'
4428'
4426'
4466'

PBTD
4996'

4 1/2"
5029'
9.5"

* Provides 100' cement below base of Ojo Alamo

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 1180' to 1181'.
 - b. Below Ojo Alamo sand from 225' to 226'.
9. Run tubing, spot a 50 sack Class "G" cement plug from 1180' to 540'.
10. Pull tubing to $\pm 400'$, close bradenhead, displace 20 sax through perforations 1180' to 1181'. WOC 2 hours.
11. Pull tubing to perforations 225' to 226'.
12. Load 4 1/2" casing with cement (\pm 18 sax) and pull tubing. With bradenhead open, displace 10 sax cement through perforations 225' to 226'.
13. Spot 10 sack plug at surface.
14. Install abandonment marker as outlined in step 7.

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COC:maf

J. A. Stanzione