

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse 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

7. UNIT AGREEMENT NAME

Carson Unit

8. FARM OR LEASE NAME

9. WELL NO.

43-24

10. FIELD AND POOL, OR WILDCAT

Bisti

11. SEC., T., R., M. OR BLK. AND
SURVEY OR AREA

T25N, R12W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6461' K.B.

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

☐
☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☒
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

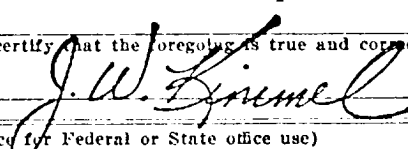
(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

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



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 43-24
 Section 24, T25 N, R12 W
 San Juan County, New Mexico

Pertinent Data

TD: 4995 PBD: 4980
8 5/8 Csg. @ 106
4 1/2 Csg. @ 4989 w/ 150 sax. with 4% gel
7 7/8 Hole

Elevation: 6461

KB - GL = 8

Permanent Datum = KB

Past and current status: Presently TA'd

Completed 4/7/58 flowing 112 BOD

384 MCF/Day Gas

Proposed Work: Plug and Abandon

1. Pull equipment. If tubing is openended, lower to PBD, 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 3989. Top of Mancos Shale 3853. 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 1200 to 1400.
 - 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.

8 5/8" @
106

4858

4872

4887

4902

4904

4913

4915

4933

4941

4953

4957

4971

PBD 4980

4 1/2" @ 4989

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 1220 to 1221.
- b. Below Ojo Alamo sand from 390 to 391.

9. Run tubing, spot a 50 sack (10.3 bbls, 630' in 4-1/2" casing) Class "B" cement plug from 1220 to 590.

10. Pull tubing to $\pm 400'$, close bradenhead, displace 20 sax through perforations 1220 to 1221. WOC hours.

11. Pull tubing to perforations 390 to 391.

12. Load 4-1/2" casing with cement (\pm 35 sax) and pull tubing. With bradenhead open, displace 20 sax cement through perforations 390 to 391.

13. Spot 10 sack plug at surface.

14. Install abandonment marker as outlined in step 7.

BK/KWL


J. A. Stanzione

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GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
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5. LEASE DESIGNATION AND SERIAL NO.

E. W. Mudge No. 3
SF 078064

6. IF INDIAN, ALIEN, 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

1980' FSL & 660' FEL Section 24

7. UNIT AGREEMENT NAME

Carson Unit

8. FARM OR LEASE NAME

9. WELL NO.

43-24

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Bisti

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 24-T25N-R12W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6461' KB

12. COUNTY OR PARISH

13. STATE

San Juan

New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

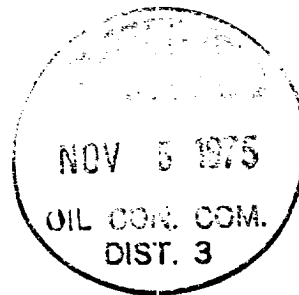
ALTERING CASING ☐

ABANDONMENT* ☒

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See attachment



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

SIGNED

TITLE Div. Opers. Engr.

DATE 11/4/75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL PLUGGED AND ABANDONED
SHELL OIL COMPANY

FROM: 10/8 - 10/13/75

LEASE	CARSON UNIT	WELL NO.	43-24
DIVISION	WESTERN	ELEV	5461 KB
COUNTY	SAN JUAN	STATE	NEW MEXICO

BISTI

NEW MEXICO
BISTI FIELD

Carson Unit 43-24

"FR" TD 4995. Operation to P&A well; AFE #520726. MI&RU csg pulling unit. Pmp'd hot wtr down csg. Pulled pmp & rods.

OCT 08 1975

Carson Unit 43-24

TD 4995. Prep to mix mud & spt cmt plug on btm. Pulled tbq. Reran tbq to TD.

OCT 12 1975

Carson Unit 43-24

TD 4995. Prep to check freepoint of csg. Tagged btm @ 4930 Mixed 15 sx gel & circ'd hole. Spt'd 20 sx cmt plug on btm. (Theoretical fill 4930-4689') Pulled tbq.

OCT 19 1975

Carson Unit 43-24

TD 4995. 10/10: Well P&A. Saguaro Oil Company Rig. Set csg jacks and started picking up on csg. Cleared csg head with slips when casing parted w/approx 80,000 psi pull. Screwed back into csg and picked up. Csg pulled out again. Pulled out 484' 4-1/2" csg. Replaced btm jt and reran to 370'. Rigged up & washed down to 480'. Cost \$4243. 10/11: Wash csg down to 480'. Sand fill in & bridged around csg. Pulled up to 475' and circ. Spot 75 sx cmt plug at 475'. Theoretical fill 475-231 pulled csg to 176' spotted 35 sx cmt. Theoretical fill 176-64 pull remaining 4-1/2". Spot 10 sx plug in 8-5/8" csg at surface. Erected permanent well marker. Rec 485' 4-1/2" csg.

FINAL REPORT

OCT 13 1975