

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078064

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Carson Unit

8. FARM OR LEASE NAME

E.W. Mudge No. 3

9. WELL NO.

43-13

10. FIELD AND POOL, OR WILDCAT

Bisti

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

Sec. 13, T. 25 N., R. 12 W.,
N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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

P. O. Box 999, Bakersfield, California

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface 1980' north and 660' west of the southeast
corner of Section 13, T. 25 N., R. 12 W., N.M.P.M., San Juan
County, New Mexico

14. PERMIT NO.

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

K.B. 6408.38', Gr. 6398.28'

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*

(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 history.

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

SIGNED Original Signed by

E. W. Shepard

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, should be shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State regulations, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

SHELL OIL COMPANY

Govt. 43-13

Biscu

RECONDITIONING
REPORT

WELL NO.

Sec. 13, E.W. Mudge #3

(SECTION OR LEASE)

FIELD

San Juan, N. M.

7-2-68

to

7-12-68

T.25N., R.12W., N.M.P.M.

COUNTY

FROM

PERIOD

TO

(TOWNSHIP OR RANCHO)

DATE

REMARKS (SHOW SIZE AND TYPE TOOLS RUN)

Location: 1980' north and 660' west of the southeast corner of Section 13, T. 25 N., R. 12 W., N.M.P.M., San Juan County, New Mexico.

Elevation: K.B. 6408.38', Gr. 6398.28'

Total Depth: 5054', plug 4963'.

Casing: 4-1/2", 16.6# D.P. cemented at 5033', perforated 4889-4897', 4900-4914', 4922-4927', ~~4928-4932'~~, and ~~4933-4937'~~

Objective: Acid wash and sand fracture perforations.

July

2

Pulled rods and tubing. Spearheaded with 500 gallons of 15% HCl followed by 7000 gallons of water down 4-1/2" casing. Fractured with 15,000# of 20/40 sand in 18,000 gallons of water using 1100 HHP. Maximum pressure 2000#, maximum rate 27 bbl/min. Shut-in pressure 600#. After 2-1/2 hours shut-in pressure was 180#. Total load water 722 bbls.

3

Ran tubing and rods.

4

In 13 hours pumped 112 gross, 1 oil.

5

In 24 hours pumped 187 gross, 19 oil.

6

Pumped 90 gross, 13 oil, cut 85.6%.

7

Pumped 70 gross, 9 oil, cut 87.1%.

8

Pumped 62 gross, 10 oil, cut 83.9%.

9

Pumped 59 gross, 8 oil, cut 86.5%.

10

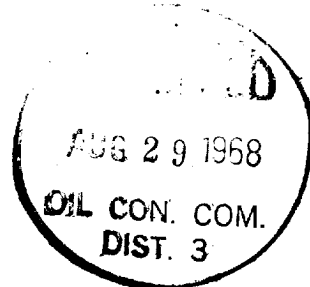
Pumped 54 gross, 8 oil, cut 85.2%.

11

Pumped 52 gross, 8 oil, cut 84.6%.

12

Pumped 53 gross, 9 oil, cut 83.0%. Recovered all load water.



End

After

CONDITION AT END OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
			4-1/2"	5033', perforated 4889-4897', 4900- 4914', 4922-4927', 4928-4932' , and 4933-4937' .
DRILL PIPE SIZES				

CONDITION ~~XXXXXXXXXXXX~~ WORK
(CROSS OUT ALL BUT APPROPRIATE ITEM(S))DEPTH (ORIGINAL) 5054' TOP PLUG (P) ~~XXXXXXXXXX~~ 4963'

DEPTH LAST (RD. OR DE.) TOP FISH (F) OR JUNK (J)

DEPTH PRESENT EFFECTIVE 4963' BAD CSG. (C) OR LINER (L)

NOTE—IN ADDITION TO REPORTING ROUTINE RECONDITIONING OPERATIONS, USE THIS FORM FOR REPORTING THE FIRST INSTALLATION OF PUMPING EQUIPMENT (UNLESS WELL WAS ORIGINALLY COMPLETED ON THE PUMP). BAD CASING, FISH LEFT IN HOLE, ETC., THAT MAY OCCUR AS A RESULT OF PRODUCING OR SHUT DOWN OPERATIONS.

BWS