

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.

101 - 070322

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Caraca Unit

8. FARM OR LEASE NAME

L. H. Phillips #4

9. WELL NO.

Gov't. 44-10

10. FIELD AND POOL, OR WILDCAT

Bisti Field

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

**Sec. 10, 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 93302

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

**790' north and 790' west of the southeast corner of Section 10,
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. 6218.9', Gr. 6210.4'

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
B. W. Shepard

TITLE _____

DATE _____

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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, either are 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 requirements, 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 parting of any 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

RECONDITIONING
REPORT

Well No. Gov't. 44-10

Bisti-Carson Unit
FIELDSection 10, L. M. Phillips #4
(SECTION OR LEASE)San Juan, New Mexico
COUNTY4-23-68 to 5-5-68
FROM PERIOD TOT25N, R12W, N.M.P.M.
(TOWNSHIP OR RANGEO)

DATE

REMARKS (SHOW DATE AND TYPE TOOLS RUN)

Location: 790' north and 790' west of the southeast corner of Section 10, T. 25N.,
R. 12 W., N.M.P.M., San Juan County, New Mexico.

Elevation: K.B. 6218.9', Gr. 6210.4'

Total Depth: 4890'

Casing: 4-1/2" cemented at 4887', perforated 4747-4768', 4779-4786', 4821-4831',
and 4837-4845'.

Objective: Acid wash and Sand Oil fracture upper perforations.

Apr.

23 Pulled rods and tubing. Ran in Baker retrievable bridge plug and retrievematic packer.
Bridge plug hit bottom at 4778'. Unable to set center of bridge plug below 4768'.
Pulled bridge plug and packer.

24 Went in with a dump bottom bailer and spotted 5 gallons of cement at 4779'.

25 Went in with a sand line and tagged bottom at 4778'. Ran in with a Baker dump bailer
and dumped 5 gallons of cement. Ran and set a Baker retrievable packer at 4684'.
Waiting for cement to set.26 Started swabbing with fluid level at surface. After 1 hour, fluid swabbed down to 1600'.
Swabbed 120 bbls. in 8 hours. Fluid level staying at 1600'.

27-28 No work.

29 Spearheaded with 500 gallons of 15% HCL, followed by 7,000 gallons of water down 2-3/8"
tubing. Fractured with 15,000 lbs. of 20/40 sand in 18,000 gallons of water at 16 bbl/min.
at 3200 psi. Dropped rate and injected 3 bbls. of Tretolite SP 177 scale inhibitor in
15 bbls. of water. Overflushed with 80 bbls. of water. Pressure after stopping pump
400 psi; after 1 hour pressure was still 400 psi. Back flowed for 2 hours, pressure
dropped to 300 psi. Shut in. Turned to tank battery. Flowed on test, not much sand
entering.30 Stopped flowing against trap pressure during the night. Opened to a tank on location
at 9:00 A.M. After 5 hours flowing at 350 B/D gross, 18 B/D oil, cut 95.0%. Still
flowing into tank at 3:00 P.M. Pulled packer, ran tubing. Found cement plug had been
driven down hole 60'. Ran rods and pump, shoe at 4710'. On pump at 8:30 P.M.

May

1 In 11 hours pumped 189 gross, 9 oil, cut 95%. (394 B/D gross, 20 B/D oil rate).

CONDITION AT FIRST OF PERIOD

HOLE Casing Size DEPTH SET

SIZE FROM TO

CONDITION BEFORE STARTING WORK
(CROSS OUT ALL BUT APPROPRIATE ITEM)

DEPTH (ORIGINAL) TOP PLUG (P) OR BRIDGE (B)

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

DEPTH PRESENT EFFECTIVE 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 PROBLEMS OR SHUT DOWN OPERATIONS.

DRILL PIPE
SIZES

SHELL OIL COMPANY

RECONDITIONING
REPORT

Well No. Gov't. 44-10

Bisti-Carson Unit

FIELD

Section 10, L.M. Phillips #4
(SECTION OR TRACT)

San Juan, New Mexico

COUNTY

4-23-68

FROM

to

PERIOD

5-5-68

TO

T25N, R12W, N.M.P.M.

(TOWNSHIP OR RANGE)

DATE

REMARKS (SHOW SIZE AND TYPE TOOLS RUN)

- 2 Pumped 421 gross, 50 oil, cut 88.0%. 3600' of fluid over pump
- 3 Pumped 471 gross, 86 oil, cut 82.0%.
- 4 Pumped 462 gross, 87 oil, cut 81.0%. 806' of fluid over pump.
- 5 Pumped 379 gross, 68 oil, cut 82.0%. 525' of fluid over pump.

End

CONDITION AT END OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
			4-1/2"	4887', perforation effective 4747-4768', 4779-4786', and 4821-4831', bridged off 4837-4845'.
DRILL PIPE SIZES				

CONDITION BEFORE STARTING WORK
(CROSS OUT ALL BUT APPROPRIATE ITEMS)

DEPTH (ORIGINAL) 4890' TOP PLUG (P) OR BRIDGE (B) 4833'

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

DEPTH PRESENT EFFECTIVE 4833' BAD CCG. (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.

SHELL OIL COMPANY
Re-
WELL/COMPLETION REPORT

NAME and/or No. Gov't. 44-10

Company Shell Oil Company

Field Bisti-Carson Unit

Starting
~~Spud Date~~ Date 4-23-68

Re Completion Date 4-30-68

Elevation K.B. 6218.9', Gr. 6210.4'

Total Depth 4890'

Location 790' north and 790' west of the
southeast corner of Section 10, T. 25 N.,
R. 12 W., N.M.P.M., San Juan County,
New Mexico

Interval Produced 4747-4831'

4-1/2" casing	cemented at	4837
" casing	cemented at	
" casing	cemented at	
" casing	landed/hung at	
" casing	cemented thru perms. at	
" liner	landed/hung at	
"	top at	
2-7/8" tubing	hung at	4710

W. S. O. @

Squeeze @

Perforations: 4-1/2" perforations effective
4747-4768', 4779-4786', and 4821-4831'
bridged off 4837-4845'.



Initial Production

Date 5-1-68

Pumping

394

20

95.0%

374

Addl. Prod. Data

Date 5-5-68

Pumping

379

68

82.0%

311

Calculated Potential

Date

Production Data

Manner of Producing

Cross Fluid-B/D

Clean Oil-B/D

Cut-%

Gravity-°A. P. I.

Water-B/D

Salinity, ppm NaCl(t or r)

Gas-M. C. F.

Gas Oil Ratio

Gasoline-Gallons/M. C. F.

Size Tubing

Orifice Casing

Pressure Tubing

Casing

Remarks:

6-5

2000 2.116 2