

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.

NM-0472258

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

2. NAME OF OPERATOR

Black River Corporation

3. ADDRESS OF OPERATOR

620 Commercial Bank Tower, Midland, Texas 79701

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

1877' FNL 1650' FWL Section 34

14. PERMIT NO.

Approved May 31, 1974

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

3715 GR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cities Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Washington Ranch-Delaware

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

Sec. 34: T-25-S, R-24-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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PULL OR ALTER CASING

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☐
☐
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FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☒
☐

REPAIRING WELL

☐
☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(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.)*

The acid treatment performed on August 8, 1974, has resulted in recovering one (1) to two (2) barrels of water with light trace of oil each day. On August 28, 1974, the well was frac with 1,000 gallons M.S. acid and 850 pounds 20-40 sand. 3/4 pound to 1 pound sand per gallon. See attached xerox copy of treatment report for additional details. Commence unloading frac fluid.

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SEP 19 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

Ronnie Sanders

TITLE Vice President

DATE September 18, 1974

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*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, 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 putting 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.

THE WESTERN COMPANY

Form PS-8 (Rev. 11/66)

"Engineered Well Services"

GENERAL OFFICES — FORT WORTH, TEXAS

TREATMENT REPORT



DATE: 8-28-74
 Western District 1435 NM Field Receipt No. _____ Stage No. 1
 Operator Black River Oil Co Lease Cities Eco Well No. #1
 Field Washington Location _____ County Edmon State NM

WELL DATA:
 New Well _____ Old Well ✓ Depth TD/PB 1438 Formation DELTA
 Size Tubing _____ Tubing Perf. 1350 Type Packer None Set At 1350
 Size Casing 7" Wt. 20 Set From 0 To 1350
 Size Liner _____ Wt. _____ Set From _____ To _____
 Open Hole: Size _____ From _____ To _____
 Casing Perfs: Size _____ No. Per Ft. 2 Intervals 1366 to 1368

Previous Treatment _____ Prior Production yes

TREATMENT DATA:
 Hole Loaded With 250KCI water
 Treating Fluid 1000 gals MS fluid w/ 1 1/2
 Propping Agent 100 lbs 20/40 sand
 Auxilliary Materials 25# 20-54 - 20# J-2 - 20# Portland Cement
15# Black Oil
 Ball Sealers: _____ in _____ Stages of _____
 HHP Used 1 PM 111
 Procedure FRAC in 4 equal stages as follows: 1st stage
 CAPACITIES & FLUID PUMPED:
 Tubing Cap. 5.2
 Casing Cap. .4
 Annular Cap. _____
 Open Hole Cap. _____
 Fluid to Load _____
 Pad Volume _____
 Treating Fluid 24
 Flush 0.8
 Overflush _____
 Total to Recover 30

Time AM/PM	Treating Pressure - Psi		Bbl Fluid Pumped	Inj. Rate BPM	REMARKS - TEST 1 mcs
	Tubing	Casing			
1008	1300	1400			BREAK CIR.
1009	1500	1400	6	5	Start Pro
1010	1700	1600	12	5	Start Frac 0 3/4
1011	1700	1600	18	5	" " " 1
1012	1700	1600	24	5	" " " 1 1/2
1013	1700	1600	30	5	Start Flush
1014	1700	1650	30	5	All Flush

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 ARTESIA, NEW MEXICO

Treating Pressure: Min. 1000 Max. 1700 Avg. 1600
 Inj. Rate On Treating Fluid _____
 Inj. Rate On Flush _____
 Avg. Inj. Rate _____
 I.S.D.P. 1200 Type Fluid 250KCI
 Final Shut-in Pressure 400 in 9.0 min. _____
 Operator Maximum Pressure 3000

Customer Representative Joseph Lynch
 Western Representative Ray Lewis
 Distribution _____