

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ 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)*

At surface 2310' FWL 660' FSL Sec. 33

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

DATE ISSUED

Approved 1-4-74

1-4-74

15. DATE SPUDDED

1-31-74

16. DATE T.D. REACHED

2-20-74

17. DATE COMPL. (Ready to prod.)

Dryhole

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

Ground Level 3791.20

19. ELEV. CASINGHEAD

3791.20

20. TOTAL DEPTH, MD & TVD

1400

21. PLUG BACK T.D., MD & TVD

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Dry Hole

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Microlog, Sonic Log Gamma Ray, Formation Density Log

27. WAS WELL CORED

Yes

28. CASING RECORD (If part all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	PIPE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23	500	2 1/2"	225 Sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None							

31. PERFORATION RECORD (Interval, size and number)

Dryhole

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Flowing or shut-in)

Non-Commercial

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

James Jacobson

TITLE

Treasurer

DATE

2-25-74

*(See Instructions and Spaces for Additional Data on Reverse Side)

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O.C.C.

ARTESIA OFFICE

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U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws 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. See instructions on items 22 and 24, and 32, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 25.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 22. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 26: "Severe Corrosion": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 32: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH, INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
Belandine	445	1460			
Corral					
#1	1240'	1260'	Sand - No Analysis		456
#2	1260'	1278'	Sand - No Analysis		
#3	1278'	1298'	Sand - No Analysis		
#4	1298'	1316'	Sand - See Analysis		
#5	1316'	1328'	Sand - See Analysis		
#6	1328'	1348'	Sand - No Analysis		

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

CORE LABORATORIES, INC.



Petroleum Reservoir Engineering

COMPANY BLACK RIVER CORPORATION FIELD WASHINGTON RANCH FILE 621-9229
 WELL FEDERAL NO. 33 COUNTY EDDY DATE 2-17-74
 LOCATION _____ STATE NEW MEXICO ELEV. _____

CORE-GAMMA CORRELATION

These analyses, decisions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretation or judgment expressed is based on the best judgment of Core Laboratories, Inc. and its employees and is not a warranty or representation as to the productivity, operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

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VERTICAL SCALE: 5" = 100'

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 U. S. GEOLOGICAL SURVEY
 ALBUQUERQUE, NEW MEXICO

CORE-GAMMA SURFACE LOG

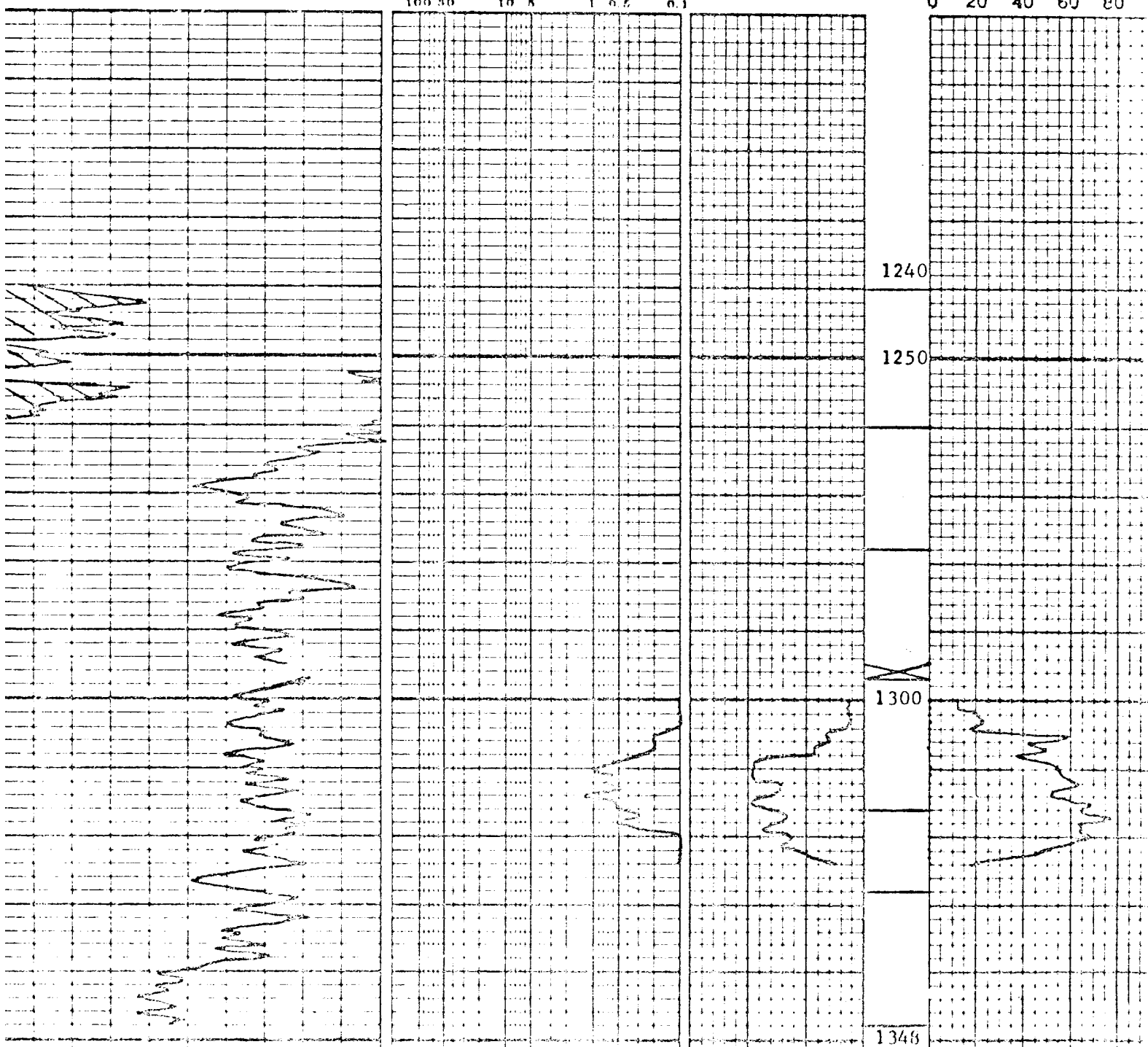
 GAMMA RAY
 RADIATION INCREASE →

COREGRAPH

 TOTAL WATER _____
 PERCENT TOTAL WATER
 80 60 40 20

 PERMEABILITY _____
 MILLIDARCY

 POROSITY _____
 PERCENT

 OIL SATURATION _____
 PERCENT PORE SPACE
 0 20 40 60 80


CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

Page No. _____

CORE ANALYSIS RESULTS

Company BLACK RIVER CORPORATION Formation DELAWARE File 621-9229
Well FEDERAL NO. 33 Core Type _____ Date Report 2-17-74
Field WASHINGTON RANCH Drilling Fluid _____ Analysts DILLARD
County EDDY State NEW MEX. Elev. _____ Location _____

Lithological Abbreviations

SAND - SD
SHALE - SH
LIME - LM
DOLOMITE - DOL
CHERT - CH
GYPSUM - GYP
ANHYDRITE - ANHY
CONGLOMERATE - CONG
FOSSILIFEROUS - FOSS
SANDY - SDY
SHALY - SHY
LIMY - LMY
FINE - FN
MEDIUM - MED
COARSE - CSC
CRYSTALLINE - XLN
GRAIN - GRN
GRANULAR - GRNL
BROWN - BRN
GRAY - GR
VUGGY - VUG
FRACTURED - FRAC
LAMINATION - LAM
STYLOLITIC - STY
SLIGHTLY - SL/
VERY - V/
WITH - W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	

CONVENTIONAL ANALYSIS

	1240.0-48.0					Sh, Sdy
	1248.0-50.0					Sd
	1250.0-58.0					Sh, Sdy
	1258.0-59.0					Sd, Shy, Lmy
	1259.0-63.5					Sh, Sdy, Lmy
	1263.5-73.5					Lm, S/Shy, Sdy
	1273.5-76.0					Sd, S/Shy, Lmy
	1276.0-84.0					Lm, S/Shy, Sdy
	1284.0-95.0					Sd, Lmy
1	1300.0-01.0	<0.1	3.7	0.0	89.9	Sd, S/Shy
2	01.0-02.0	<0.1	3.6	0.0	80.6	Sd, S/Shy
3	02.0-03.0	<0.1	2.9	0.0	79.7	Sd, Shy
4	03.0-04.0	<0.1	4.0	0.0	81.3	Sd, Shy
5	04.0-05.0	0.2	6.9	0.0	43.0	Sd, Shy
6	05.0-06.0	0.2	6.2	0.0	57.2	Sd, Shy
7	06.0-07.0	0.2	8.3	0.0	50.9	Sd, Shy
8	07.0-08.0	0.3	8.7	0.0	62.4	Sd, Shy
9	08.0-09.0	0.6	18.2	0.0	49.4	Sd, Shy
10	09.0-10.0	1.0	19.1	0.0	46.4	Sd, Shy
11	10.0-11.0	0.7	19.3	0.0	43.7	Sd, Shy
12	11.0-12.0	0.8	14.6	0.0	35.5	Sd, Shy
13	12.0-13.0	0.5	14.6	0.0	47.0	Sd, Shy
14	13.0-14.0	1.3	17.4	0.0	48.4	Sd,
15	14.0-15.0	0.6	19.0	0.0	30.3	Sd
16	15.0-16.0	0.5	16.5	0.0	35.7	Sd,
17	16.0-17.0	0.3	13.5	0.0	24.6	Sd
18	17.0-18.0	0.5	15.5	0.0	35.6	Sd
19	18.0-19.0	0.3	17.2	0.0	35.7	Sd
20	19.0-20.0	<0.1	12.1	0.0	32.8	Sd
21	20.0-21.0	<0.1	14.0	0.0	43.4	Sd, Shy
22	21.0-22.0	<0.1	11.4	0.0	50.3	Sd
23	22.0-23.0	<0.1	8.7	0.0	66.6	Sd
24	1323.0-24.0	<0.1	5.4	0.0	82.9	Sd

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