

N. M. O. & C. COPI
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SUBMIT IN DUPLICATE
(See other instructions 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 _____		5. LEASE DESIGNATION AND SERIAL NO. NM 0502925-A	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Black River Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 620 Commercial Bank Tower, Midland, Texas 79701		8. FARM OR LEASE NAME BR Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 330' FWL & 330' FSL, Section 33 At top prod. interval reported below At total depth		9. WELL NO. 3	
14. PERMIT NO. Approved 12-18-75		10. FIELD AND POOL, OR WILDCAT Wildcat	
DATE ISSUED JAN 29 1976		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33 T-25-S, R-24-E	
15. DATE SPUDDED 1-5-76		12. COUNTY OR PARISH Eddy	
16. DATE T.D. REACHED 1-23-76		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 1-29-76		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3802.3 GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 6205'	
21. PLUG, BACK T.D., MD & TVD 6162'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5927'-5939' 3 Shots per foot. (Canyon Formation)		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN BHC-GR, DIL, ML (Logs to be furnished as soon as available)		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9 5/8"	36 lb	614'	13 1/2"
4 1/2"	10.5 lb	6205'	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
175 sx Light Wt. Cement		None	
75 sx Class C		None	
175 sx Class H			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
TUBING RECORD		PACKER SET (MD)	
SIZE	DEPTH SET (MD)	None	
2 3/8" OD	5940		
J-55 Eue RND			
31. PERFORATION RECORD (Interval, size and number)			
5927' - 5939' 3 Shots per .34" Diameter			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5926' - 5938'		1500 gallons 15% (NE) acid	
33.* PRODUCTION			
DATE FIRST PRODUCTION 1-28-76		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) shut-in			
DATE OF TEST 1-28-76	HOURS TESTED 21	CHOKE SIZE 1/4"	PROD'N. FOR TEST PERIOD →
FLOW. TUBING PRESS. 300 psi	CASING PRESSURE - 0 -	CALCULATED 24-HOUR RATE →	OIL—BBL. 102
GAS—MCF. 140		WATER—BBL. - 0 -	
OIL GRAVITY-API (CORR.) 50 42			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY Mr. Forrest Miller	
35. LIST OF ATTACHMENTS Deviation Tabulation			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Ronnie Lowder		TITLE Vice President	
DATE 1-29-76			

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

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 23, 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 33. 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 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: 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: 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	550	3625	Sand & Shale Stringer	Delaware	550	550
Bone Spring	3625	5620	Shaly Lime, Shale Scatter Sand Stringers	Bone Spring	3625	3625
Penn	5620	5845	Shale	3rd Bone Spring	5432	5432
Canyon	5845	5858	Limestone	Penn	5620	5620
Canyon	5858	5900	Shale	Canyon	5825	5825
Canyon Carbonate	5900	6205	Limestone	Top Canyon Carbonate	5900	5900

DEVIATION TABULATION

BLACK RIVER CORPORATION

BR FEDERAL #3

EDDY COUNTY, NEW MEXICO

Location: 330' FWL & 330' FSL
Sec. 33, T-25-S, R-24-E
Eddy County, New Mexico

<u>Depth</u>	<u>Deviation</u>
108	1/4°
600	1°
1108	1-3/4°
1830	1-3/4°
1988	1/2°
2492	1/4°
2995	3/4°
3146	3/4°
3500	1/4°
3750	3/4°
3971	1-1/4°
4177	1-1/2°
4406	3/4°
4656	1-1/4°
4750	1-3/4°
4873	1-1/4°
5065	2°
5250	2-1/2°
5354	2-1/4°
5453	2-1/2°
5547	2-1/2°
5631	3/4°
6102	1-3/4°

I certify that this Deviation Tabulation was supplied to me by Capitan Drilling Company and is a true and correct tabulation of the Totco readings for this well.

ATTEST:

Ronald D. Sowders
Ronald D. Sowders, Vice President

Secretary

THE STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me this 11th day of January, 1976, by RONALD D. SOWDERS, Vice President of BLACK RIVER CORPORATION, on behalf of said corporation.

Notary Public in and for Midland County, Texas