D R I L L E R ' S L O G

FARM NAME: RINER A #1 LOCATION: S/2 SE NE Sec 36-30S-2W
Sumner County, Kansas

CONTRACTOR: SHAWVER ARMOUR, INC.

OWNER: BEARDMORE DRILLING CO. ELEVATION: 1308' KB

COMMENCED: January 28, 1967 COMPLETED: February 28, 1967

CASING RECORD: 429' 8-5/8" w/300 sacks cement - 1" w/50 sacks regular, 2% cc.
Set 5½" @ 3798' w/100 sacks common cement, plugged down @ 2:30 P.M. 2-28-67.

FORMATION:		TOPS:	
Top soil & Shale	220	T Kansas City	3063
Shale & Shells	370	B Kansas City	3314
Anhydrite	437	T Mississippian Chert	3717
Lime & Shale	1200	Mississippian Lime	3723
Shale	1700	Simpson Sand	4171
Shale & Lime	2490		
Lime & Shale	2695		
Shale & Lime	2750		
Sand	2860		
Lime & Shale	3010		
Shale	3063		
Lime	3385		
Lime & Shale	3703		
Shale & Lime	3716		
Mississippian	3728		
Core #1	3728-3743		
Mississippian	3790		
Lime	4156		
Simpson	4172		
Simpson sd	4178		
Simpson	4189		
Rotary Total Depth	4189		

STATE OF KANSAS)
) SS
SEDGWICK COUNTY)

I, JAMES M. ARMOUR, do hereby certify that the above log is a true and correct copy of the above captioned well as shown on the daily drilling reports.

SHAWVER-ARMOUR, INC.

By James M. Armour

Subscribed and sworn to before me this 21st day of March, 1967.

My commission expires Dec. 29, 1967

Marjorie Hall, Notary Public

February 3, 1967

Mr. J. H. Page
P. O. Box 408
Iola, Kansas

Mr. Morten Brown
Leslie Oil Company
Box 5281
Kansas City, Missouri

Dear Hal and Morten:

Did not know if you had heard about our fire or not. The well blew out from a shallow gas zone early in the afternoon when we were drilling below 2400 feet. We have had this shallow gas in other wells, and as near as we can tell it must be some place around 2000 feet.

Riner A-1

In the Haines No. 2, which is the other well that it blew out on in the area, we caught samples and had an analysis. A copy of that analysis is enclosed. You can see how low the BTU was so when this one blew out our only concern was to get some mud in the hole to kill the well, not thinking it would burn at all. We only had enough mud on the rig to mix one pit full and were not successful in killing it ourselves.

Haines 2

Still not being too concerned as to a fire hazard we called Halliburton and were preparing to mix more mud when a light bulb broke and this ignited the gas. Fortunately no one was injured, and the drilling contractor was able to save part of his equipment by dragging it out before it was engulfed by the fire. Other than getting more equipment in his next problem will be to see if the drill pipe is stuck.

Very truly yours,

BEARDMORE DRILLING COMPA

By
Heber Beardmore

HB:fm
Encls.

Net Ft. Oil Sd. _____ ft. Md. _____

Avg. Por. % _____ Ft. x Md. _____

Oil Sat. % _____ Shot, Qts. _____

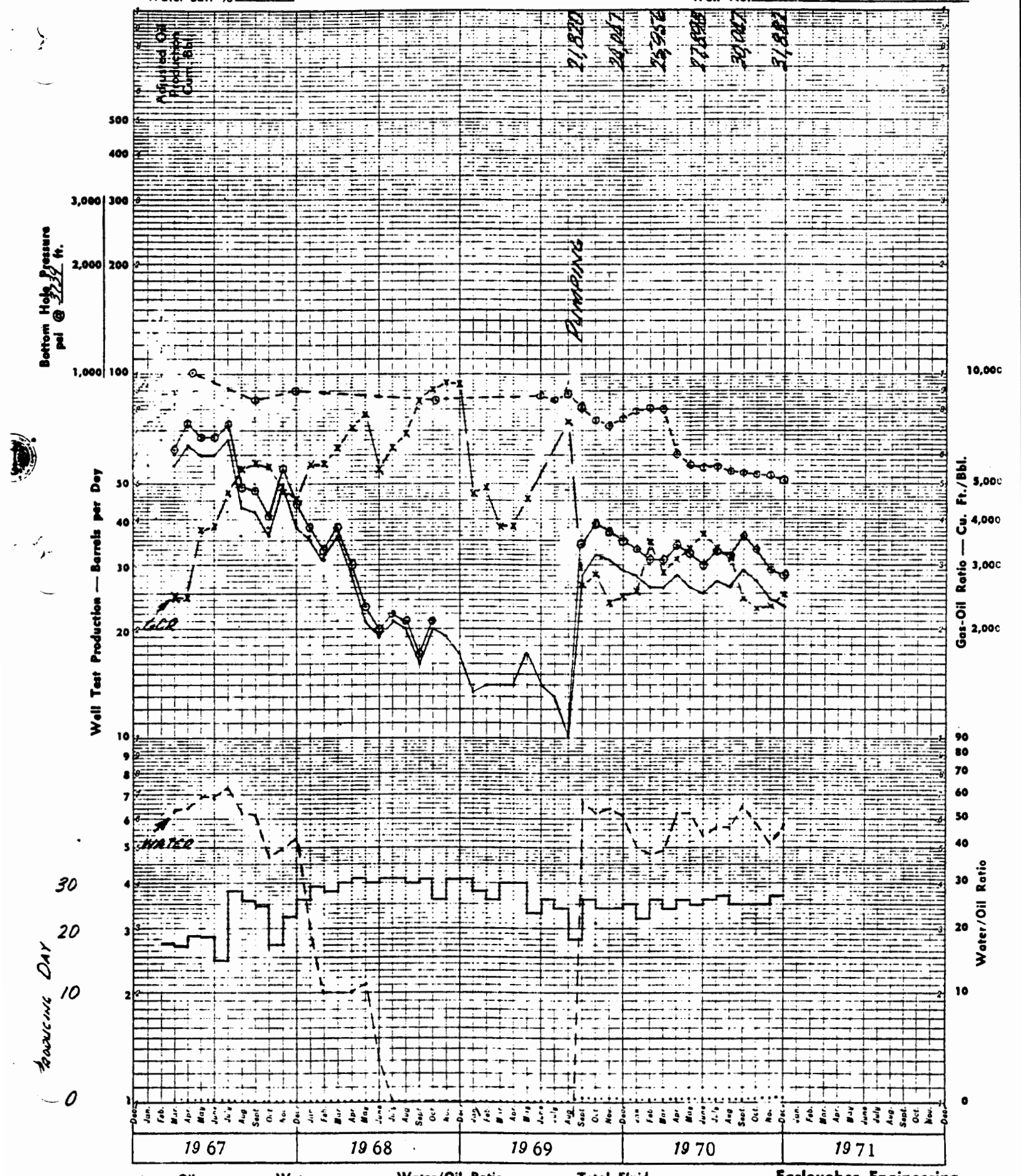
Water Sat. % _____

OIL & WATER PRODUCTION

Company Beardmore Drilling Co.

Lease or Flood Bates Pool

Well No. Riner "A" No. 1



Key: Oil _____ Water _ _ _ _ _ Water/Oil Ratio ..... Total Fluid o———o

BHP o— — —o GOR x—x—x—x

Earlougher Engineering

Net Ft. Oil Sd. _____ f Md. _____
Avg. Por. % _____ Md. _____
Oil Sat. % _____ Shot, Qts. _____
Water Sat. % _____

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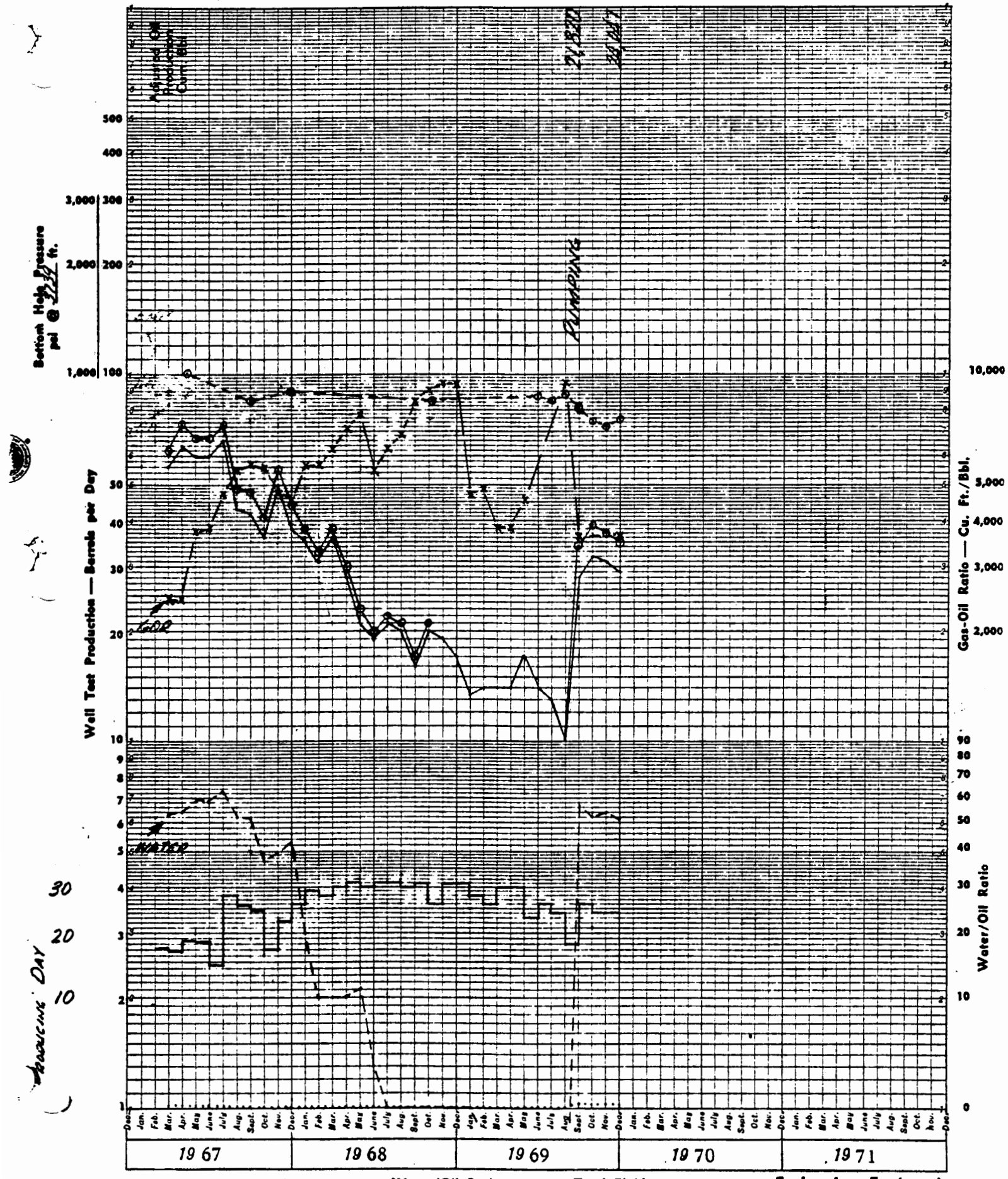

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BHP o— — —o GOR x—x—x—x

Earlougher Engineering