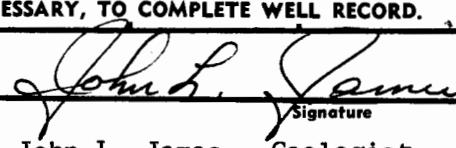




Operator Okmar Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC. Dry Hole		
Well No. 1-8	Lease Name Hilyard			
S 8 T 33S R 21 <sup>Xxx</sup> W				
<b>WELL LOG</b>				
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.				
FORMATION DESCRIPTION, CONTENTS, ETC.		TOP	BOTTOM	NAME
				DEPTH
SEE ATTACHED				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
		 Signature John L. James - Geologist Title November 12, 1973 Date		

8-33-216

CNW

GABBERT-JONES, INC.  
WICHITA, KANSAS  
DRILLERS' WELL LOG

API#15-025-20029

HILYARD 1-8  
C NW, Sec. 8-33S-21W  
Clark County, Kansas



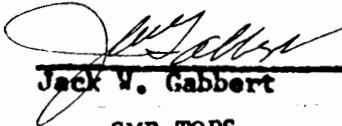
Commenced: September 1, 1972  
Completed: September 15, 1972

OPERATOR: OKMAR OIL CO.

ECB 1910

Depth From	To	Formation	Remarks
0	100	Redbed	Ran 16 jts of new 20# 8 5/8" csg.
100	130	Sand	set @ 634', centralizer @ 600' and
130	280	Redbed	@ 515', cemented w/200 sks Pos w/2%
280	355	Shale-redbed	Gel, 3% CC (35 sks common, 3% CC
355	500	Shale	w/1") @ 4 PM 9/2/72
500	637	Shale-redbed	Did not circ. - spot 190 sks common
637	1738	Redbed	w/3% Gel - Bridge w/chat - spot 100 sks
1738	1751	Anhydrite	common, 3% CC - 4 1/2 yards chat
1751	1790	Shale	w/250 sks common w/3% CC, 50 sks
1790	2150	Shale-shells	Calseal (50-50) 1 1/2 yds chat
2150	2445	Shale-lime	
2445	4580	Lime-shale	
4580	5328	Lime	
5328	TD		DRY AND ABANDONED

I, J. W. Gabbert, certify this is a correct copy of the Drillers' Log for the well drilled in the C NW, Section 8-33S-21W, Clark County, Kansas, to the best of my knowledge and belief.

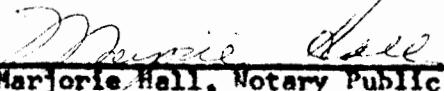
  
Jack W. Gabbert

SMP TOPS	
Heeb	4244
Lans	4426
MRW SH	5248
MRW SD	5280
Miss	5320
RTD	5328

STATE OF KANSAS )  
COUNTY OF SEDGWICK )  
                  ) SS

Before me, the undersigned, a Notary Public, County and State, on this 20th day of September, 1972, personally appeared J. W. Gabbert, to me personally known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.

  
Marjorie Hall, Notary Public