

GLENDA R. TIFFIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 7-6-92

SIDE TWO

Operator Name N-B Company, Inc. Lease Name..... Esther Dumler Well #..... 1

Sec..... 33 Twp..... 15S Rge..... 15 ☐ East
☒ West County..... Russell

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
Samples Sent to Geological Survey ☒ Yes ☐ No
Cores Taken ☐ Yes ☒ No

Formation Description
☐ Log ☒ Sample

DST #1 - 3187'-3273'
45-45-45-45
SIP 673'-651'
FP 99'-143'/154'-187'
Rec: 90' v sl ocmw
(2% oil, 61% w)
180' mdy wtr
(18% md, 82% w)

Name	Top	Bottom
Anhydrite	967'	
Base Anhydrite	1001'	
Topeka	2894'	
Heebner	3122'	
LSG-KC	3179'	
BKC	3408'	
Congl.	3440'	
Arbuckle	3484'	
T.D.	3500'	

CASING RECORD ☐ New ☐ Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
..... Surface	 12 1/4"	 8-5/8"	 20#	 468'	 60/40 Poz	 200	 3%cc, 2% gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
.....							
.....							
.....							
.....							
TUBING RECORD				Liner Run ☐ Yes ☐ No			
Date of First Production		Producing Method					
		☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio		Gravity
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Conmingled

FILED
IN WATCH
IN TO STATE