

22-2-145

SIDE TWO

Operator Name Brandt Production Co. Lease Name Carpenter Well# 2. SEC 22... TWP. 2S... RGE. 14... East West

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
 E LOG TOPS

DST #1 2867-89/1 hr Rec 440' of rotary mud. fair show oil on top of tool. FP 106/272 280/280 BHP 977"45". Tool opened sli while going in hole. 984"45"

DST #2 2869-99/1 hr. Rec 120' mud + 120' very sli oil cut mud, fair show oil on top of tool P 121/136 159/159 BHP 984"45" 984"60"

Name	Top	Bottom
Heebner	1158 (+)	150)
Lansing	1296 (+)	12)
Kansas City	1400 (-)	92)
Bs. Kansas City	1630 (-)	322)
Cherokee Shale	1821 (-)	513)
Basal Penn Sand	2424 (-)	1116)
Mississippi	2457 (-)	1149)
Kinderhook	2610 (-)	1302)
Hunton	2865 (-)	1557)
Maquoketa	3523 (-)	2215)
Viola	3574 (-)	2266)
L.T.D.	3610 (-)	2302)
R.T.D.	3610 (-)	2302)

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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"	23#	260'	Common	175 sx	2% Gel. 3% CaCl

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth