

SIDE TWO

Operator Name NCRA Lease Brandt well # 1
 Sec. 15 Twp. 19S Rgn. 26W East West
 County Ness

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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description <input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	

DST #1 4458-4516' (58') 15-30-60-120 Weak blow throughout test. IHP 2285# IFP 71-71# ISIP 204# FFP 71-71# FSIP 153# FHP 2255# Temp. 124°F. Rec. 50' drlg. mud w/few specks of oil.

DST #2 4535'-4570' (35') 15-30-60-120 Weak blow for 45 mins. then dead the rest of test. IHP 2315# IFP 51-51# ISIP 71# FFP 61-61# FSIP 858# FHP 2285#. Rec. 15' MCO (60% oil - 40% mud).

DST #3 4535'-4585' (50;) 15-30-60-120 Weak blow throughout test 1" deep. IHP 2375# IFP 61-61# ISIP 122# FFP 71-71# FSIP 719# FHP 2275#. Temp. 126°F. Rec. 10' drlg. mud w/specks of oil (grind out 3% oil).

DST #4 4535-4593' (58') 15-30-45-90 Strong blow off bottom of bucket in 5 mins. IHP 2265# IFP 132-265# ISIP 1246# FFP 326-469# FSIP 1255# FHP 2244# Temp. 132°F. Rec. 150' SGCM - 180' SOCM (95% mud & 5% oil) - 180' OCMW (40% mud & 50% wtr. & 10% oil) - 420' OCMW (20% mud & 70% wtr. & 10% oil). Total rec. 930'

Name	Top	Bottom
Anhydrite	1900'	(+ 734')
Heebner	3921'	(-1287')
L/KC	3967'	(-1333')
Stark	4223'	(-1589')
Hushpuckney	4265'	(-1631')
B/KC	4323'	(-1689')
Fort Scott	4486'	(-1852')
Cherokee Shale	4510'	(-1876')
Mississippi	4591'	(-1957')

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	24#	408.27	Common	250	3% cc.

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set and Packer at Liner Run Yes No

Date of First Production: Producing Method Flowing Pumping Gas Lift Other (explain)

Estimated Production Per 24 hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION

Production Interval

Disposition of gas: vented Open hole Perforation
 sold Other (Specify)

Used on Lease Dually Completed Commingled