

SIDE TWO

Operator Name Bonray Energy Lease Name Brenner Well # 9-1 SEC. 9 TWP. 19S RGE. 26 ☐ 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

See Attached

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
	Subsea	
Heebner	-2373	
Toronto	-1293	
Lansing	-1317	
HP	-1617	
B. Kansas City	-1671	
Marmaton	-1700	
Pawnee	-1782	
M-Station	-1821	
Ft. Scott	-1837	
Cherokee	-1861	
Mississippi	-1934	

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#	800.57	60-40	300	2% gel 3% CaCl

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 At	Packer at	Liner Run	☐ Yes ☐ No
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Date of First Production	Producing Method
	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

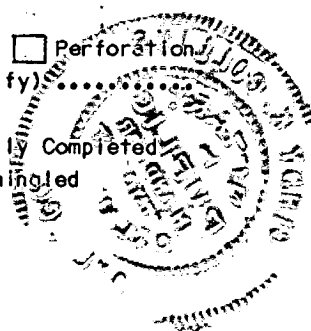
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☐ Perforation
☐ Other (Specify).....
☐ Dual Completed
☐ Commingled



Brenner #9-1
Drill Stem Tests

15-135-22813-0000

6/26/85:

DST #1, Toronto, 3861-3900' (39')
IH 1937# FF 169-233#, 45 min
IF 74-137#, 30 min FSI 1112#, 90 min
ISI 1134#, 60 min FH 1884#
Bottom hole temp 116°F
SURFACE FLOW RATES: Initial Flow - Strong blow - 18" in bottom of bucket in 25 min.
Final Flow - Strong blow throughout period
FLUID RECOVERY IN DRILL PIPE: 350' SW, no oil, no gas.
FLUID COMPARISON: Chlorides - Middle 88,000#, Mud pit 8,000

6/29/85:

DST #2 (Marmaton), 4338' to 4330'
Top pkr @ 4334', bottom pkr @ 4338'

	Top Recorder	Bottom Recorder	Time Minutes
Recorder Depth	4344'	4348'	
Initial Hydrostatic	2076#	2116#	
Initial Flow	20-20#	32-32#	30
Initial Shut in	41#	54#	60
Final Flow	20-20#	32-32#	30
Final Shut in	26#	37#	60
Final Hydrostatic	2066#	2105#	
Bottom hole temp	115°F		

SURFACE FLOW RATES: Initial Flow - Weak blow decreased throughout, dead in 27 min. Final Flow - No blow
FLUID RECOVER IN DRILL PIPE: 5' slightly oil cut mud, 8% oil, possible oil from stuck pipe job.

6/30/85:

DST #3, Mississippi, 4510-4525'
Top packer @ 4506', Bottom packer @ 4510'.

	Top Recorder	Bottom Recorder	Time Minutes
Recorder Depth	4514'	4158'	
Initial Hydrostatic	2221#	2256#	
Initial Flow	52-20#	54-32#	30
Initial Shut in	223#	248#	60
Final Flow	31-31#	43-43#	20
Final Shut in	57#	75#	40
Final Hydrostatic	2211#	2245#	
Bottom hole temp:	118°F		

SURFACE FLOW RATES: Initial Flow - Weak blow, dead in 4 min. Flush tool, weak blow decreasing throughout test.
Final Flow - None.
FLUID RECOVERY IN DRILL PIPE: 10' mud, 10% oil, 4% water.

DST #4, Mississippi, 4512-4529'
Top packer @ 4508', bottom packer @ 4512'.

	Top Recorder	Bottom Recorder	Time Minutes
Recorder Depth	4515'	4519'	
Initial Hydrostatic	2139#	2159#	
Initial Flow	31-31#	43-43#	30
Initial Shut in	1177#	1220#	60
Final Flow	41-41#	54-54#	20
Final Shut in	1083#	1114#	40
Final Hydrostatic	2128#	2148#	
Bottom hole temp:	119°F		

SURFACE FLOW RATES: Initial flow - Weak blow, slowly increased throughout.
Final Flow: Very weak blow
Fluid recovery from drillpipe: 3' clean oil; 40' oil cut mud, 21% oil, 3% water, 76% mud; 35' oil cut mud, 12% oil, 4% water, 84% mud.

RECEIVED
STATE CORPORATION COMMISSION

JUL 26 1985

Oil & Gas Division
Wichita, Kansas