

SAGAMORE OIL AND GAS COMPANY

INDEPENDENCE, KANSAS

Company **Bonner Springs Oil and Gas Company**

S. T. R.
County
State
Lease and
Well No.

15-12-23
Johnson
Kansas
Piper #1

Contractor

Drilling
Commenced

Drilling
Completed

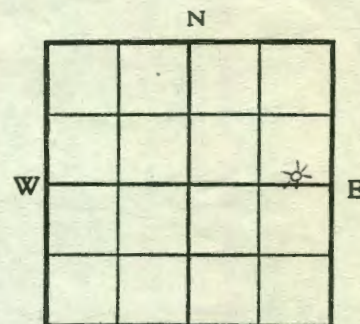
Initial
Production

Initial Rock
Pressure

Location **CSL SE $\frac{1}{4}$ NE $\frac{1}{4}$**

Casing

E1.890



Driller's Record of Formations

soil	17	
lime	21	
shale	31	
lime	42	
shale	52	
lime	60	
shale	78	
lime	88	
shale	89	
lime	110	
shale	113	gas and water
lime	133	
shale	135	
lime	151	
shale	162	
sand	171	
shale	200	
lime	204	
shale	280	
lime	288	
shale	298	
shale	340	
lime	344	
shale	350	
lime	362	
sand	366	gas and water
lime	380	
shale	385	
lime	390	
shale	394	
red rock	398	
shale	407	
lime	413	
shale	420	
lime	425	
shale	429	
sand	450	
shale	473	

lime	475
shale	480
sand gas	484
shale	520

Gas well