



Operator Name Chapman Energy, Inc. Lease Name Key Well # 1-13

Sec. 13 Twp. 21S Rge. 9W  East  West County Rice

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: Miss. 3298-3324', 30-45-45-70, 1st op. st. bl., GTS 25 min., 51 MCF, 3/4" orf., 2nd op. GTS immed. 138 MCF, 1-1/4" off., 5 min., 47 MCF, 3/4" orf., 15 min., 51 MCF, 3/4" ofr., 25 min., 55 MCF, 3/4" orf. 35 Min., 55 MCF, 3/4" orf., 45 min., Rec. 120ft. GCM, IFP: 71-71#, FFP: 71-61#, ISP: 1156#, FSP: 1156#, temp. 105 degrees.

Name	Top	Bottom
Heebner	2811	-1145
Toronto	2828	-1162
Douglas	2850	-1184
Brown Lime	2948	-1282
Lansing	2972	-1306
Stark	3208	-1542
Hushpuckney	3238	-1572
B/KC	3264	-1598
Miss. Chert	3301	-1635
Kinderhook Shale	3356	-1690

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#	253	Common	160	8% gel, 3% cc., 1/4#/sx flocele,
Prod.	7-7/8"	4-1/2"	10.5#	3499	Class A	150	8% gel, 10# gil/sx, 1/4# flocele/sx & HR4

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

2	3305-14'	1000 gals., 20% Fe Acid, 200 sxs 20/40 Sd, 25 sxs 10/20 Sd.	3305-3314'
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TUBING RECORD Size 2-3/8" Set At 3275' Packer at \_\_\_\_\_ Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....  
 SI - WOPL

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
		3050			CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  Commingled

3305-14'.....