

SIDE TWO

Operator Name Viva Oil Co., Inc. Lease Name Edwards Well # 12

Sec. 22 Twp. 23S Rge. 10 East West County Greenwood

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

Kansas City 1689
 Marmaton 1807
 Cherokee 1966
 Cattleman 2092
 Bartlesville 2166
 RTD 2250

Formation Description
 Log Sample

Name	Top	Bottom
Shale and Lime	0	1500
Limestone	1500	1689
Shale	1689	1807
Lime and Shale	1807	1966
Shale	1966	2045
Lime	2045	2060
Shale	2060	2092
Sandstone	2092	2126
Shale	2126	2166
Sandstone	2166	2211
RTD	2250	

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	30 lbs.	210	common	135	3% CaCl
Production	7 7/8	5 1/2	15 lbs.	2249 1/2	common	200	4% Gel

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

1/ft	2168-2212.5 (45)	3000#sd, 200 BBLs wtr., KCL	2168-2212.5
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TUBING RECORD Size 2 3/8 Set At 2146 Packer at 2146 Liner Run Yes No

Date of First Production N/A Producing Method Flowing Pumping Gas Lift Other (explain) N/A

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

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 2168-2212.5
 Used on Lease Dually Completed
 Commingled