

15-007-22326-00-00

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STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: Initial  Annual  Workover  Reclassification  TEST DATE: 10-17-90

Company: Pickrell Drilling Co. Inc. Lease: MO# "A" Well No. /

County: Barber Location: E/2-W/2-NW Section: 13 Township: 31 Range: 12 Acres: /

Field: Reservoir: Miss. Pipeline Connection: Koch

Completion Date: 9-4-90 Type Completion(Describe): Frac Plug Back T.D.: 4341' Packer Set At: /

Production Method: Flowing  Pumping  Gas Lift  Type Fluid Production: Oil + wt. API Gravity of Liquid/Oil: 35

Casing Size: 4 1/2" Weight: 10.5# I.D.: / Set At: 4370' Perforations: 4272-4276 + 4282-26 To: /

Tubing Size: 2 3/8" Weight: 4.7# I.D.: / Set At: 4265' Perforations: Open ended To: /

Pretest: Starting Date: / Time: / Ending Date: / Time: / Duration Hrs.: /

Test: Starting Date: 10-16-90 Time: 9:00 AM Ending Date: 10-17-90 Time: 9:00 AM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure: 820# Tubing: 425# Separator Pressure: 218# Choke Size: 17/64

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest	200	178194	2	3 3/4"	46.26	3'	4 3/4"	67.93	21.67	
Test:	200	178195	1'	3"	25.01	5'	8"	113.36		88.35
Test:	200	178196	9'	2"	183.34	9'	6"	190.02		6.68

GAS PRODUCTION OBSERVED DATA

Total oil = 95.03

Orifice Meter Connections: / Orifice Meter Range: /

Pipe Taps: / Flange Taps: / Differential: / Static Pressure: /

Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure			Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (Pd)			
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester	2"	1/2"			19		.60	60°

GAS FLOW RATE CALCULATIONS (R)

Gcoeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD: 171.00 Oil Prod. Bbls./Day: 95.03 Gas/Oil Ratio (GOR) = 1.80 Cubic Ft. per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 17th day of October 19 90

For Offset Operator: [Signature] For State: [Signature] For Company: [Signature]