

now well test.

STATE OF KANSAS - CORPORATION COMMISSION 15-171-20298.0000
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company Cities Service Oil & Gas Corp Lease DIRKS E Well No. 1

County SCOTT Location 660' FSL + 660 FWL Section 31 Township 19S Range 22W Acres

Field W-10 cat SW MORROW Reservoir MORROW Pipeline Connection Perman Corp

Completion Date 8-22-85 Type Completion (Describe) Perf. Plug Back T.D. 4986' Packer Set At None

Production Method: Flowing Pumping Gas Lift Type Fluid Production Oil API Gravity of Liquid/Oil 24.2 @ 60°F

Casing Size 5 1/2" Weight 14#/ft I.D. 5" Set At 4995' Perforations 4688' to 4692' + 4671'-4676'

Tubing Size 2 3/8 EUE Weight 4.7#/ft I.D. 2" Set At 4667' Perforations 4653'-4654'

Pretest: Starting Date 8-27-85 Time 9:15 AM Ending Date 8-28-85 Time 9:15 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	Tubing:		DIRECT INTO FREE TANK			N/A				
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	500 #	16	3	2	129	4	4	198	23	45
Test:										

GAS PRODUCTION OBSERVED DATA

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.	Gravity	Flowing	
			In. Water	In. Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (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 Oil Prod. Gas/Oil Ratio Cubic Ft. per Bbl.
 Flow Rate (R): Bbls./Day: (GOR) 757M

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 28 day of Aug. 1985

For Offset Operator Dan Goodrow For State STATE CORPORATION COMMISSION

SEP 3 1985