

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 7-15-87

Company: Hellar Drlg Co Inc Lease: Kate Well No. 1

County: Ford Location: Section 35 Township 25 Range 21 W Acres

Field: Wildcat Reservoir: Mississippi Pipeline Connection: Clear Creek

Completion Date: 6-9-87 Type Completion(Describe): Single Oil Plug Back T.D.: 4825 Packer Set At: NA

Production Method: Pumping Type Fluid Production: Oil API Gravity of Liquid/Oil: 40

Flowing Casing Size: 5 1/2 Weight: 14 I.D.: Set At: 4859 Perforations: 4777 To: 4781

Tubing Size: 2 3/8 Weight: I.D.: Set At: Perforations: To:

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 7-15-87 Time 2:00 pm Ending Date 7-16-87 Time 2:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size			
Casing:	Tubing:						
Bbls./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.	
	Size Number	Feet	Inches	Feet	Inches	Barrels	Water Oil
Pretest:							
Test:	210 94858	7	7 1/2	152.80	9	5 1/2 189.54	0 36.74
Test:	210 94859	1	3	25.05	3	9 75.15	50.10

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. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In.Water In.Merc. Paig or (Pd)			
Orifice Meter						
Critical Flow Prover	No Gas					
Orifice Well Tester						

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press.(Psia)(Pm)	Extension √hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD: None Oil Prod. Bbls./Day: 86.84 Gas/Oil Ratio (GOR) = 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 16 day of July 1987

Richard W. Lacey For State  
 Russell Bright For Company

STATE CORPORATION COMMISSION  
 JUL 21 1987

For Offset Operator

For State

JUL 21 1987