

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division
 TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 11-28-90
 Company Picknell Drilling Co Inc Lease Hearne Well No. 1
 County Ford Location 150 N of C NW SE 22 Township 29 Range 22 Acres
 Field Wildcat Reservoir Morrow Pipeline Connection Koch
 Completion Date Type Completion(Describe) Plug Back T.D. Packer Set At
 5395.2

Production Method: Type Fluid Production API Gravity of Liquid/Oil
 Flowing (Pumping) Gas Lift Oil + Water 38
 Casing Size 4 1/2 Weight 10.5 I.D. Set At Perforations To 5280 - 5285
 Tubing Size 2 3/8 Weight I.D. Set At Perforations To 5333

Pretest: Starting Date Time Ending Date Time Duration Hrs.
 Test: Starting Date 11-27-90 Time 11:00 a Ending Date 11-28-90 Time 11:00 a Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size					
Casing: 50	Tubing: 15								
Bbls./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.			
1.67	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:								3 bbl	
Test:	200	5	-	100.2	6	1/2	121.07		21
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 In.Water In.Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter						
Critical Flow Prover	Gas being used by lease equipment.					
Orifice Well Tester						

GAS FLOW RATE CALCULATIONS (R)

Gcoeff. (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 Oil Prod. Gas/Oil Ratio Cubic Ft. Flow Rate (R): Bbls./Day: 21 (GOR) = 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 28th day of November 1990
 Richard W. Scales For State
 For Offset Operator For Company