

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-175-21330-00-00 R  
 Form C-5 Revised

Conservation Division

TYPE TEST: Initial XX Annual Workover Reclassification TEST DATE: 10-23-93

Company: Cabot Oil & Gas Corp. Lease: Keating Stevens Well No.: 4-2

County: Seward Location: Section 2 Township 34S Range 34W Acres

Field: Reservoir: Chester Pipeline Connection: None

Completion Date: 10-18-93 Type Completion(Describe): Oil & Gas Plug Back T.D.: 6605 Packer Set At

Production Method: Type Fluid Production: Oil & Formation Water API Gravity of Liquid/Oil: 40.5

Flowing XX Pumping Gas Lift

Casing Size: 5 1/2 Weight: I.D. Set At Perforations To: 6256-65 - 6273-6276 - 6321-6331

Tubing Size: 2 3/8 Weight: 4.7 I.D. 1.995 Set At 6245.79 Perforations To

Pretest: Duration Hrs.

Starting Date: 10-22-93 Time: 11:15 Ending Date: 10-23-93 Time: 11:15 Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size						
Casing: 440	Tubing: 21	20		Wide Open						
Bbls./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.				
	Size Number	Feet	Inches	Feet	Inches	Water	Oil			
Pretest:										
Test:										
Test:	500	Frac tank	2	11	126.6	7	8	359.1	34.3	232.5

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps: <u>XX</u>	Differential: 100"	Static Pressure: 500#					
Measuring Device	Run-Prover-Tester	Orifice Size	Meter-Prover-Tester Pressure		Diff. Press.	Gravity	Flowing	
Orifice meter	3"	1.250	In.Water	In.Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (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)
7.771	34.4	41.4728	1.204	1.000	1.000	

Gas Prod. MCFD: 388 Oil Prod. Bbls./Day: 232.5 Gas/Oil Ratio (GOR) = 1.669 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 23 rd day of October 1993

Richard Dixon  
 Hosco Testing & Measurement  
 For Company

For Offset Operator For State

CONSERVATION DIVISION  
 Wichita, Kansas