

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division  
 TYPE TEST: Initial  Annual  Workover  Reclassification  TEST DATE: 8/15/84  
 Company: Imperial Oil Lease: Harper Well No.: 5-22  
 County: Kiowa Location: C-SF-SF-SE Section: 22 Township: 27S Range: 16W Acres: [blank]  
 Field: Fruit Reservoir: Miss Pipeline Connection: Permian / Panhandle Eastern  
 Completion Date: 6/5/84 Type Completion(Describe): Set through & Perforate Plug Back T.B.: 4623 Packer Set At: [blank]  
 Production Method: [blank] Type Fluid Production: Gas Oil API Gravity of Liquid/Oil: 36 @ 60  
 Flowing  Pumping  Gas Lift   
 Casing Size: 4 1/2 Weight: 10.5 I.D.: [blank] Set At: 4648 Perforations: 4585 To: 4605  
 Tubing Size: 2 3/8 Weight: [blank] I.D.: [blank] Set At: [blank] Perforations: [blank] To: [blank]

Pretest: [blank] Duration Hrs.: [blank]  
 Starting Date: [blank] Time: [blank] Ending Date: [blank] Time: [blank]  
 Test: [blank] Duration Hrs.: 24  
 Starting Date: 8/15/84 Time: 10:30am Ending Date: 8/16/84 Time: 10:30am

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	Water	Oil
Pretest:						2	
Test:	200 1872	2	1	41.75	2 4 3/4		6.25
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 In. Water	Tester Pressure In. Merc.	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover							
Orifice Well Tester							

Gas going through common meter

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: 52 mcf Oil Prod. Bbls./Day: 6.25 Gas/Oil Ratio (GOR) = 8.32 per Bbl.  
 Flow Rate (R):

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 16th day of August 1984

RECEIVED Richard W. Lacey For State For Company

AUG 24 1984 8-24-84