

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-175-21265-0000 Form C-5 Revised

Conservation Division  
 TYPE TEST: Initial  Annual  Workover  Reclassification  TEST DATE: 12-3-92  
 Company Charter Production Lease Sprinkle Well No. #1  
 County Seward Location C NW NW Section 29 Township 34 S Range 31 W 31 W Acres  
 Field Reservoir Tronto Pipeline Connection N/A

Completion Date Type Completion(Describe) Oil Plug Back T.D. 4614 Packer Set At

Production Method: Flowing  Pumping  Gas Lift  Type Fluid Production Oil & Formation Water API Gravity of Liquid/Oil  
 Casing Size 5 1/2 Weight I.D. Set At 4620 Perforations To 4408 - 4412  
 Tubing Size 2 7/8 Weight I.D. Set At 4483 Perforations To

Pretest: Starting Date 11-30-92 Time 12:00 Ending Date 12-2-92 Time 12:00 Duration Hrs. 48  
 Test: Starting Date 12-2-92 Time 12:00 Ending Date 12-3-92 Time 12:00 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	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	210	196564	8	2	164.6	9	9	196.6	
		196562	1	8	33.6	4	2	84.0	-0-
		196562	4	2	84.0	8	6	102.0	
Test:	210	196563	5	9	115.9	9	0	181.4	1.68
		196562	8	6	102.0	10	0	201.6	
Test:	210	196561	1	2	23.5	3	6	70.6	3.36

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. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover							
Orifice Well Tester	2"	3/8		1			

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)
19						

Gas Prod. MCFD 19 Oil Prod. Bbls./Day: 83.7 Gas/Oil Ratio (GOR) = .227 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 3rd day of December 1992

STATE CORPORATION COMMISSION  
 Hosco Testing & Measurement  
 For Company  
 Richard N. [Signature]  
 CONSERVATION DIVISION  
 WICHITA, KANSAS

For Offset Operator For State

01-20-93