

15-175-20707-0000

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Conservation Division Form C-5 Revised

TYPE TEST: Initial  Annual  Workover  Reclassification  TEST DATE: 2/14/84

Company: Anadarko Prod. Co. Lease: Cosgrove A Well No. 5

County: Seward Location: C NW-NW-SE Section: 22 Township: 33S Range: 34W Acres: 80

Field: Shuck Reservoir: Chester Pipeline Connection: A.P.Co. (Gas) (Betty Trade & Trans (oil))

Completion Date: 1/28/84 Type Completion (Describe): Single oil Plug Back T.D.: 6343 Packer Set At: —

Production Method: Flowing  Pumping  Gas Lift  Type Fluid Production: Oil & Water API Gravity of Liquid/Oil: 43 @ 60°

Casing Size: 5.500 Weight: 15.5 I.D.: 4.950 Set At: 6425 Perforations: 6245 To: 6256

Tubing Size: 2.375 Weight: 4.7 I.D.: 1.995 Set At: 6229 Perforations: To

Pretest: Starting Date 2/12/84 Time 9:15 A Ending Date 2/13/84 Time 9:15 Duration Hrs. 24

Test: Starting Date 2/13/84 Time 9:15 AM Ending Date 2/14/84 Time 9:15 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing: 57	Tubing: 47		30"			64" SL 9.85 PM.			
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:								.5	51.2
Test:		Portable Tester				End	Begin.	.5	51.2
Test:		Wellhead Grind-out = .9% Wtr.				015716.7	015665.5		

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps: X		Differential: 50"			Static Pressure: 250"		
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	2	.750			45	6	.700	60
Critical Flow Prover								
Orifice Well Tester								

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)
2.779	59.4	18.879	1.195	1.000	—	—
Gas Prod. MCFD	Oil Prod. Bbls./Day:	Gas/Oil Ratio (GOR) =	Cubic Ft. per Bbl.			
Flow Rate (R): 63	51	1235				

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 14/84 day of February 19 84

RECEIVED  
 STATE CORPORATION COMMISSION

Ken Beaber  
 For State

Fred L. Cross  
 For Company

For Offset Operator  
 FEB 22 1984