

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-129-21108-000  
 Form C-5 Revised

Conservation Division  
 TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE:  
 Company: Amadark Petroleum Corp. Lease: USA Well No.: AA-1  
 County: Morton Location: 660 FWL-1650 FNL Section: 11 Township: 33 Range: 40 Acres:  
 Field: Sturup Reservoir: Upper Maroon Pipeline Connection: Amadark Gathering Co.  
 Completion Date: 10-1-92 Type Completion (Describe): Single Oil Plug Back T.D.: 5474 Packer Set At: N.A.  
 Production Method: Pumping Type Fluid Production: OIL API Gravity of Liquid/Oil: 40.3 @ 60°  
 Flowing Casing Size: 5.50 Weight: 15.50 I.D.: 4.950 Set At: 5514 Perforations: 5354 To: 5380  
 Tubing Size: 2.375 Weight: 4.70 I.D.: 1.995 Set At: 5390 Perforations: To:

Pretest: Starting Date: Time: Ending Date: Time: Duration Hrs.  
 Test: Starting Date: 11-12-96 Time: 11:50 A.M. Ending Date: 11-13-96 Time: 11:50 A.M. Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size	
Casing: 62			Tubing: 60				
Bbls./In.	Tank	Starting Gauge	Ending Gauge		Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Water	Oil
Pretest:							
FIAT Test:	300	1	3 1/2	24 20	4	4 1/2	85.88 TRACE 61.68
Test:							

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range			Static Pressure:		
Pipe Taps:	Flange Taps:	Differential:						
Measuring Device	Run-Prover Tester Size	Orifice Size	Meter-Prover In. Water	Tester In. Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	2"				4	11	.755	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 (Pd)
5.073	18.4	14.226	1.151	1.000	1.000	—

Gas Prod. MCFD: 83 Oil Prod. Bbls./Day: 61.68 Gas/Oil Ratio (GOR): 1.346 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 15th day of November 1996  
 For Offset Operator: Gary Winters For State: Don Morgan For Company:

RCW 01-05-97