

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-175-20526-0000  
 Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: Avadarko Prod Co Lease: McHarque "A" Well No.: 2  
 County: Seward Location: C-NE-SW Section: 2 Township: 33S Range: 34W Acres: 80  
 Field: Shuck Reservoir: St. Louis Pipeline Connection:

Completion Date: 6/15/81 Type Completion (Describe): Single Oil Plug Back T.D.: 6215 Packer Set At: None  
 Production Methods: Pumping Type Fluid Production: Oil & Gas Water API Gravity of Liquid/Oil:

Flowing Casing Size: 4 1/2 Weight: 10.5 I.D.: 6270 Set At: 6164 Perforations: 6174 To:  
 Tubing Size: 2 3/8 Weight: 4.7 I.D.: 6202 Set At: 6202 Perforations: To

Pretest: Starting Date: \_\_\_\_\_ Time: \_\_\_\_\_ Ending Date: \_\_\_\_\_ Time: \_\_\_\_\_ Duration Hrs.: \_\_\_\_\_  
 Test: Starting Date: 8-16-84 Time: 3:34 PM Ending Date: 8-17-84 Time: 3:34 PM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure				Separator Pressure				Choke Size		
Casing: <u>28#</u> Tubing: <u>28#</u>				<u>24#</u>				<u>55 RPM - 86" S choke</u>		
Bbls./In.	Tank Size	Number	Starting Gauge Feet	Inches	Barrels	Ending Gauge Feet	Inches	Barrels	Net Prod. Bbls. Water	Oil
Pretest:										
Test:	300	21248	10	2 1/4	20416	10	4	20708		2.92
Test:	300	21249	11	1 3/4	223.36	13	1	262.19	1.50	38.83

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-Tester In. Water	Pressure In. Merc.	Psig or (hd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter								
Critical Flow Prover	<u>2</u>	<u>.250</u>		<u>10</u>		<u>AUG 20 1984 08-20-84</u>	<u>0.700</u>	<u>60</u>
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>20.5</u>			<u>0.9258</u>	<u>1.000</u>	<u>0</u>	<u>0</u>

Gas Prod. MCFD: \_\_\_\_\_ Oil Prod. Bbls./Day: 42 Gas/Oil Ratio (GOR) = 455 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 17th day of August, 1984

For Offset Operator: \_\_\_\_\_ For State: \_\_\_\_\_ For Company: \_\_\_\_\_