

**STATE OF KANSAS - CORPORATION COMMISSION  
PRODUCTION TEST & GOR REPORT**

Conservation Division

Form C-5 Rev.

TYPE TEST Initial: Annual: **X** Workover: Reclass: TEST DATE: **5/12/2004**

Company ANADARKO PETROLEUM CORP. Lease **HJV CROCKER** Well No. **A-2**

County GRANT Location **1040' FSL & 990' FEL** Section **35** Township **29s** Range **35w** Acres **640**

API Well Number **15-067-21480 -0000** Reservoir(s) **MORROW** Gas Pipeline Connection **PIONEER NAT. RES.**

Completion Date **Jan-02** Type of Completion (Describe) **OIL** Plug Back T.D. **5646'** Packer Set At **N / A**

Lifting Method:  None  Pumping Gas Lift ESP Type Liquid **Oil & Water** API Gravity of Liquid/Oil **36.0 @ 68 deg.**

Casing Size **5.5** Weight **15.5#** I.D. **4.95** Set At **5695'** Perfs **5376'** To **5592'**

Tubing Size **2.375** Weight **4.7#** I.D. **1.995** Set At **5607'** Perfs To

Pretest: Start Date: **5/10/04** Time: **11:00 a.m.** End Date: **5/11/04** Time: **11:00 a.m.**

Test: Start Date: **5/11/04** Time: **11:00 a.m.** End Date: **5/12/04** Time: **11:00 a.m.**

**OIL PRODUCTION OBSERVED DATA**

Producing Wellhead Pressure Casing: **37** psig Tubing: **37** psig Separator Press. **20** psig Choke Size

Bbls./In	Stock Tank		Starting Gauge			Ending Gauge			Net API Bbls	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	<b>400</b>	<b>5400</b>	<b>7</b>	<b>9.5</b>	<b>156.145</b>	<b>8</b>	<b>10</b>	<b>177.02</b>	<b>9.5</b>	<b>20.88</b>
Test:	<b>400</b>	<b>5400</b>	<b>8</b>	<b>10</b>	<b>177.02</b>	<b>9</b>	<b>9.75</b>	<b>196.643</b>	<b>10.0</b>	<b>19.62</b>
Test:										

**GAS PRODUCTION OBSERVED DATA**

Orifice Meter Connections: **Yes** Orifice Meter Range **100"** Meter #: **250#**  
Pipe Taps: Flange Taps: **X** Diff: **100"** Static Press.: **250#**

Type Measuring Device	Entry Size	Orifice Size	Meter-Prover-Tester Pressure					Diff. Press. (hw) or (hd)	Gas Gravity (Gg)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig/(Pd)	%CO2	H2Sppm			
Orifice Meter	<b>2.0</b>	<b>0.5</b>			<b>19.6</b>	<b>0.374</b>	<b>5</b>	<b>1.0</b>	<b>0.9327</b>	<b>70.7</b>
Critical FlowProver										
MERLA Well Test										

**GAS FLOW RATE CALCULATIONS (R)**

Coeff. MCFD (Fb) (Fp)	Meter- Prover Press. (Psia)(Pm)	Press. Ext. (hw x Pm)	Gravly Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Sqr. Rt. Chart Factor (Fd)
<b>1.219</b>	<b>34</b>	<b>5.83</b>	<b>1.036</b>	<b>0.9905</b>	<b>1.000</b>	

Gas Prod. MCFD **7.29** Oil Prod. **19.62** Gas/Oil Ratio (GOR) = **372** Cubic Feet per Bbl

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and has knowledge of the facts stated therein, and that said report is true and correct. Executed this **12 th** day of **May,** **2004**

RECEIVED  
KANSAS CORPORATION COMMISSION

**MAY 28 2004**

*Claude Cerecero*

For Offset Operator

For Commission

For Company

CONSERVATION DIVISION  
WICHITA, KS

(Rev. 10/96)