

# KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow  
 Deliverability

Test Date:  
6/6/11

API No. 15  
15-047-21598-0000

Company McCoy Petroleum Corporation			Lease Lewis Trust "E" Unit		Well Number #1-1
County Edwards	Location 61' N of SE SE NW	Section 1	TWP 26S	RNG (E/W) 19W	Acres Attributed
Field Titus		Reservoir Mississippian	Gas Gathering Connection SemGas		
Completion Date 5-18-11		Plug Back Total Depth 4714'	Packer Set at none		
Casing Size 4-1/2	Weight 10.5#	Internal Diameter	Set at 4718'	Perforations 4692	To 4704
Tubing Size 2-3/8	Weight 4.7#	Internal Diameter	Set at 4692'	Perforations	To
Type Completion (Describe) Single		Type Fluid Production Gas & Water	Pump Unit or Traveling Plunger? Yes / No Pumping Unit		
Producing Thru (Annulus / Tubing)		% Carbon Dioxide	% Nitrogen		Gas Gravity - G <sub>g</sub>
Vertical Depth(H)		Pressure Taps		(Meter Run) (Prover) Size	
Pressure Buildup: Shut in <u>6/5</u> 20 <u>11</u> at <u>9:00 AM</u> (AM) (PM) Taken <u>6/6</u> 20 <u>11</u> at <u>9:00 AM</u> (AM) (PM)					
Well on Line: Started _____ 20 _____ at _____ (AM) (PM) Taken _____ 20 _____ at _____ (AM) (PM)					

### OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or Prover Pressure psig (Pm)	Pressure Differential in Inches H <sub>2</sub> O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						600#				24	
Flow											

### FLOW STREAM ATTRIBUTES

Plate Coefficient (F <sub>s</sub> ) (F <sub>p</sub> ) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F <sub>g</sub>	Flowing Temperature Factor F <sub>t</sub>	Deviation Factor F <sub>pv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>w</sub>

### (OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P<sub>c</sub>)<sup>2</sup> = \_\_\_\_\_ : (P<sub>w</sub>)<sup>2</sup> = \_\_\_\_\_ : P<sub>d</sub> = \_\_\_\_\_ % (P<sub>c</sub> - 14.4) + 14.4 = \_\_\_\_\_ : (P<sub>w</sub>)<sup>2</sup> = 0.207  
(P<sub>d</sub>)<sup>2</sup> = \_\_\_\_\_

(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2: 1. P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_d^2}$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG $\left[ \frac{P_c^2 - P_w^2}{P_c^2 - P_d^2} \right]$	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia

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 29<sup>th</sup> day of July, 20 11.

**RECEIVED**

*Scott Rangel*  
For Company

**RECEIVED**

Witness (if any)

AUG 17 2011

For Commission

Checked by

AUG 01 2011

KCC WICHITA

KCC WICHITA

Run Date : 8/16/2011

McCoy Petroleum Corp.  
Production Forecasting System  
Monthly Production Report

Lease: LEWIS TRUST E UNIT #1-1  
Operator: McCOY PETROLEUM CORP.  
Location: Sec 1-26s-19w, NW/4  
County, St: EDWARDS, KS  
Field: WILDCAT  
Field Code: WILDCAT  
Zone: MISS

Major Phase: Gas  
Oil Pur: MVPurchasing  
Oil Lse #: 1236  
Gas Pur: Semgas  
Meter #:   
State Oil #: 141633  
State Gas #: 232647

MPC ID #: L01011  
Inception: 5/1/2011  
Status: Active  
OpArea: South Central KS  
Prospect: Titus  
SevTaxExmt:   
Misc:

Date	Gas Sold (Mcf)	Oil Sold (bbl)	Oil Prod (bbl)	Water (bbl)	Days Prod	Cum Gas Sold (Mcf)	Cum Oil Sold (bbl)	Cum Oil Prod (bbl)	Cum Water (bbl)
05-2011	329	0	3	350	14	329	0	3	350
06-2011	91	0	2	700	28	420	0	5	1,050
07-2011	377	0	0	5,800	29	797	0	5	6,850
<b>TOTAL 2011</b>	<b>797</b>	<b>0</b>	<b>5</b>	<b>6,850</b>	<b>71</b>	<b>797</b>	<b>0</b>	<b>5</b>	<b>6,850</b>

<b>Specified Range Lease Total</b>									
	797	0	5	6,850	71	797	0	5	6,850
<b>Grand Total from Inception through Specified End Date</b>						797	0	5	6,850

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AUG 17 2011