

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

Open Flow
 Deliverability

Test Date:
8-27-14

API No. 15
15-081-22047-00-00

Company
MCCOY PETROLEUM CORPORATION

Lease
SCHMIDT 'C'

Well Number
7-29

County
HASKELL

Location
NE NE NW

Section
29

TWP
30S

RNG (E/W)
31W

Acres Attributed

Field
LETTE SE

Reservoir
CHESTER

Gas Gathering Connection
MVP PURCHASING

Completion Date
3-25-14

Plug Back Total Depth
5594

Packer Set at
NONE

Casing Size
5.5

Weight
15.5

Internal Diameter
4.950

Set at
5675

Perforations
5454

To
5466

Tubing Size
2.375

Weight
4.7

Internal Diameter
1.995

Set at
5398

Perforations
To

Type Completion (Describe)
SINGLE GAS

Type Fluid Production
OIL

Pump Unit or Traveling Plunger? Yes / No
NO

Producing Thru (Annulus / Tubing)
TUBING

% Carbon Dioxide
0.162

% Nitrogen
10.142

Gas Gravity - G_s
.706

Vertical Depth (ft)
5460

Pressure Taps
FLANGE

(Motor Run) (Proven) Size
3.068"

Pressure Buildup: Shut in 8-23-14 20 at 0845

(AM) (PM) Taken 8-26-14 20 at 0845 (AM) (PM)

Well on Line: Started 8-26-14 20 at 0845

(AM) (PM) Taken 8-27-14 20 at 0845 (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 72.0 Hours

State / Dynamic Property	Orifice Size (inches)	System Meter Proven Pressure psig (P _m)	Pressure Differential in Inches H ₂ O	Flowing Temperature °F	Well Head Temperature °F	Casing Wellhead Pressure (P _w) or (P _f) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _f) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						1091.2	1105.6	1089.9	1104.3	72.0	
Flow	1.750	60.5	141.4	56	75	978.9	993.3	925.9	940.3	24.0	1.0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _p) (F _p) Mcfd	Gasoline Meter or Proven Pressure psia	Press Extension $\sqrt{P_w \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _z	Metered Flow ft (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _s
16.0088	74.90	102.91	1.1901	1.0039	1.007	1982.2	NONE	0.706

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 1222.4 ; (P_w)² = 986.6 ; P_g = 89.8 % ; (P_c - 14.4) + 14.4 = 1105.6 ; (P_w)² = 0.207 ; (P_g)² =

(P _c) ² - (P _w) ² or (P _c) ² - (P _g) ²	(P _w) ² - (P _g) ²	Choose formula 1 or 2: 1. P _c ² - P _w ² 2. P _c ² - P _g ² denominator: P _c ² - P _w ² or P _c ² - P _g ²	LOG of formula 1 or 2 and divide by:	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
1222.14	235.71	5.185	0.7148	0.796	0.5689	3.7063	7346.6

Open Flow 7347

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 27 day of AUGUST, 20 14

Copy to KCC Wichita

Witness (if any)

For Commission

Precision Wire Line & Testing
For Company
Marked [Signature]
Checked by