

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

(See Instructions on Reverse Side)

15-033-20310-00.00

Test Date:

JANUARY 20 2012

~~WELLS TO BE TESTED 2012~~

Company: RED CEDAR OIL LLC Lease: SCHUETTE Well Number: 1

County: COMANCHE Location: E/2 Section: 1 TWP: 32s RING (EW): 16W Acres Attributed: _____

Field: PERRY RANCH Reservoir: CHEROKEE Gas Gathering Connection: ONEOK
MISSISSIPPI

Completion Date: 1981 Plug Back Total Depth: 4894 Packer Set at: _____

Casing Size: 4.5 Weight: _____ Internal Diameter: _____ Set at: _____ Perforations: 4828 To 4832
4865 4875

Tubing Size: 2.375 Weight: _____ Internal Diameter: _____ Set at: _____ Perforations: _____ To _____

Type Completion (Describe): Commingled (Gas) Type Fluid Production: WTR Pump Unit or Traveling Plunger? Yes / No: PUMP UNIT

Producing Thru (Annulus / Tubing): ANNULUS % Carbon Dioxide: _____ % Nitrogen: _____ Gas Gravity - G_s: _____

Vertical Depth(H): _____ Pressure Taps: _____ (Meter Run) (Prover) Size: 3X.375

Pressure Buildup: Shut in JANUARY 20 ²⁰¹² at 200 (AM) (PM) Taken _____ 19 _____ at _____ (AM) (PM)

Well on Line: Started JANUARY 22 ²⁰¹² at 200 (AM) (PM) Taken _____ 19 _____ at _____ (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 48 Hours

Static / Dynamic Property	Orifice Size Inches	Casing Meter or Prover Pressure psig	Pressure Differential in (ft) Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P ₂)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₂)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						76					
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F ₁) (F ₂) Mctd	Casing Meter or Prover Pressure psia	Press Extension $\sqrt{P_w \times H_w}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _{pv}	Metered Flow R (Mctd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _s

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P₁)² = _____ : (P₂)² = _____ : P_w = _____ % (P_w - 14.4) + 14.4 = _____ : (P₁)² = 0.207
(P₂)² = _____

(P ₁) ² - (P ₂) ² or (P ₁) ² - (P _w) ²	(P ₁) ² - (P ₂) ²	Choose formula 1 or 2: 1. P ₁ ² - P ₂ ² 2. P ₁ ² - P _w ² directly by: P ₁ ² - P _w ²	LOG of formula 1 or 2 and divide by: $\frac{P_1^2 - P_2^2}{P_1^2 - P_w^2}$	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability Equals R x Antilog Mctd

Open Flow Mctd @ 14.65 psia Deliverability Mctd @ 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 22 day of JANUARY 2012.

Witness (if any) _____
For Commission _____

RED CEDAR OIL LLC
For Company
Dale Walker 30991
Checked by

RECEIVED

FEB 15 2012

KCC WICHITA

I declare under penalty or perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator RED CEDAR OIL LLC and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation and/or of type completion or upon use of the gas well herein named.

I hereby request a permanent exemption from open flow testing for the SCHUETTE 1 gas well on the grounds that said well:

(Check one)

- is a coalbed methane producer
- is cycled on plunger lift due to water
- is a source of natural gas for injection into an oil reservoir undergoing ER
- is on vacuum at the present time; KCC approval Docket No. _____
- is incapable of producing at a daily rate in excess of 150 mcf/D

Date: JAN 22 2012

Signature: Dale Walker

Title: OPERATOR 30991

Instructions: All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under "observed surface data." Shut-in pressure shall thereafter be reported yearly in the same manner.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.