RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Reservoir Rese	Attributed
Company	Attributed
County	
Reservoir Gas Gathering Connection APC	
SHORT	3,
Total Tota	3,
4.500 10.50 4.052 5076 4638' 4774' Tubing Size Weight Internal Diameter Set at Perforations To OPEN	3 ₀
1.995 OPEN	3,
Type Completion (Describe) Type Fluid Production WATER, OIL Pump Unit or Travelling Plunger? Yes / No PUMPING	3,
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - Carbon Dioxide Meterofor Carbon Dioxide Carbon	€,
Vertical Depth(H)	
Pressure Buildup: Shut in 08/08/13 20	rover) Size
Static Orifice Circle one: Meter Differential in Inches H ₂ 0 Tower Pressure Cinches Prover Pressure Coefficient Cercle one: Prover Pressure Prover Pressure Coefficient Cercle one: Prover Pressure Coefficient Coefficient Cercle one: Prover Pressure Prover Pressure Cercle one: Prover Pressure Cercle one: Prover Pressure	10401) 3120
Static Orifice Circle one: Meter Differential in Inches H ₂ 0 Tower Pressure Cinches Prover Pressure Coefficient Cercle one: Prover Pressure Prover Pressure Coefficient Cercle one: Prover Pressure Coefficient Coefficient Cercle one: Prover Pressure Prover Pressure Cercle one: Prover Pressure Cercle one: Prover Pressure	(AM) (PM)
Static / Dynamic Size Property (inches) Shut-In Shut-In Shut-In Shut-In Shut-In Shut-In (P _p) (P _p	
Static / Orifice Dynamic Size (Inches) Pressure Property Orifice Size (Inches) Prover Pressure psig (Pm) Pressure psig (Pm) Prover Pressure psig (Pm) Prover Pressure psig (Pm) Pressure	Hour
Shut-in psig (Pm) inches H ₂ 0 psig	d Produced Barrels)
FLOW STREAM ATTRIBUTES Plate Coefficient (F_b) (F_p) Meter or Prover Pressure psia OPEN FLOW) (DELIVERABILITY) CALCULATIONS (P_c) 2 = : (P_w) 2 = : P_w Choose formula 1 or 2: P_w Choose formula 2: P_w Choose formula 2: P_w Choose formula 3: P_w Choose formula 3: P_w Choose formula 4: P_w Choose formula	
Plate Coefficient Coefficient (F _b) (F _p) Meter or Prover Pressure psia (Cubic Feator F _{actor} F _g (Cubic Feet/ F _{actor} F _{rt} F _g (Cubic Feet/ F _{actor} F _{rt} F _g (Cubic Feet/ F _{rt} F _{rt} (Mcfd) (Cubic Feet/ Barrel) (Cubic Feet/ Barrel) (Cubic Feet/ Barrel) (P _c) ² = : (P _c) ² = : (P _c) ² = : (P _c) ²	
Coefficient (F_b)(F_p) Meter or $Prover Pressure$ psia $Pressure$ psia P	
$ (P_{e})^{2} = $	Flowing Fluid Gravity G _m
$ (P_{o})^{2} = $	
	107
	pen Flow Iverability B R x Antilog
awaea ay: F _c - F _w ay Standard steps =	(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 know	
he facts stated therein, and that said report is true and correct. Executed this the day of day of	ledge of
Witness (if any) Witness (if any) Witness (if any)	ledge of 20
For Commission Checked by	-

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC
and that the fore correct to the bes of equipment inst I hereby requ	oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. Logan exemption from open flow testing for the Logan 4X bounds that said well:
_	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 not capable of producing at a daily rate in excess of 250 mcf/D to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>12/09/13</u>	Signature: Whe Hollangh. Title: FIELD MGR.

Instructions:

If a gas well meets one of 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 claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been 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 for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.