KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Dynamic Property Cinches Prover Pressure psig (Pm) Inches H ₂ 0 t Temperature temperature Property Cinches Prover Pressure psig (Pm) Inches H ₂ 0 t Temperature te	ber
Deliverability	<u> </u>
Acres Attro- County	<u> </u>
Reservoir	ributed
AETNA	
230/54	
14.00 5.012 5000 4782 4843	
Tubing Size	
Type Fluid Production WATER Pump Unit or Traveling Plunger? Yes / No PUMPING Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - Ga	
Producing Thru (Annulus / Tubing) ANNULUS Vertical Depth(H) Pressure Taps (Meter Run) (Prov 4813 Pressure Buildup: Shut in 11/18/10 20 at (AM) (PM) Taken 11/19/10 20 at (AM) Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) OBSERVED SURFACE DATA Duration of Shut-in 10 20 at (AM) OBSERVED SURFACE DATA Static / Orifice Size (Inches) Property (inches) Prover Pressure psig (Pm) Inches H ₂ 0 Flowing 1 psig (Pm) Inches H ₂ 0 Flow TREAM ATTRIBUTES Plate Coefficient (F ₂) (F ₂) or (F ₁) or (F ₂) (P ₃) or (P ₄) (P ₃) or (P ₄) (P ₃) or (P ₄) (P ₄) or (P ₄) (P ₄) or (P ₅) (P ₄) or (P ₄) (P ₄) or (P ₅) (P ₄) or (P ₄) or (P ₅) or (P ₅) (P ₄) or (P ₅) (P ₄) or (P ₅) or (P ₅) (P ₄) or (P ₅) or (P ₅) (P ₄) or (P ₅) or (P ₅) (P ₄) or (P ₅) or (P ₅) or (P ₅) (P ₄) or (P ₅) or (P ₅) (P ₄) or (P ₅) o	
Vertical Depth(H) Pressure Taps (Meter Run) (Provide Run) Pressure Buildup: Shut in 11/18/10 20 at	
Started	/er) Size
Well on Line: Started	———— И) (РМ)
Static / Orifice Size (inches)	И) (PM)
State / Dynamic Property (inches) Meter Prover Pressure (inches) Differential in Inches H ₂ 0 Duration (Hours) Duration (Hours) Duration (Hours) Duration (Hours) Duration (Hours) Duration (Hours) Design Desi	Hours
Shut-in Plate Circle one: Press Extension Factor Fact	Produced rreis)
FLOW STREAM ATTRIBUTES Plate Coefficient Meter or Extension Factor Fact	
Plate Circle one: Press Gravity Flowing Deviation Metered Flow GOR Coefficient Meter or Extension Factor Temperature Factor R (Cubic Feet/ (F _b) (F _c) Prover Pressure F F F F F F F F F F F F F F F F F F F	
Coefficient Meter or Extension Factor	
	Flowing Fluid Gravity G _m
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS (D.)2 0.007	
$(P_a)^2 = $: $(P_w)^2 = $: $(P_a)^2 = $: $(P_d)^2 = $: $(P_d$	<u> </u>
or o	n Flow erabillty 1 x Antilog efd)
Open Flow	
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 knowled the facts stated therein, and that said report is true and correct. Executed this the 23 day of DECEMBER	dge of 10
ally or	RECEIV
i di	DEC 28

I declare under penalty of 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 WOOLSEY OPERATING CO., LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the RATHGERBER 1-31 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 not capable of producing at a daily rate in excess of 250 mcf/D I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 12/23/10 CaQuin Signature: 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.