

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

(See Instructions on Reverse Side)

Test Date:
9-9-14

API No. 15
15-187-20346 -00 -00

Company Agape Services Incorporated		Lease TURNER		Well Number 1-24	
County STANTON	Location C SW SE	Section 24	TWP 30S	RNG (E/W) 42W	Acres Attributed 640
Field SPARKS NORTHEAST		Reservoir MORROW		Gas Gathering Connection DUKE ENERGY	
Completion Date 3-17-83		Plug Back Total Depth 5478		Packer Set at 5090	
Casing Size 4.5	Weight 10.5	Internal Diameter 4.052	Set at 5608	Perforations 5132	To 5134
Tubing Size 2.375	Weight 4.7	Internal Diameter 1.995	Set at 5240	Perforations 	To
Type Completion (Describe) SINGLE GAS		Type Fluid Production NONE		Pump Unit or Traveling Plunger? Yes / No NO	
Producing Thru (Annulus / Tubing) TUBING		% Carbon Dioxide 		% Nitrogen 	
Vertical Depth(H) 5133		Pressure Taps FLANGE		(Meter Run) (Prover) Size 3068"	
Pressure Buildup: Shut In 9-5-14 20 at 1130 (AM) (PM)		Taken 9-8-14 20 at 1130 (AM) (PM)			
Well on Line: Started 9-8-14 20 at 1130 (AM) (PM)		Taken 9-9-14 20 at 1130 (AM) (PM)			

OBSERVED SURFACE DATA

Duration of Shut-in **72.0** Hours

Static / Dynamic Property	Orifice Size (inches)	Circs one Meter or Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _i) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in								226.7	241.1	72.0	
Flow	.500	24.7	20.0	88	75			139.3	153.7	24.0	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _p) Mcfd	Circs one Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
1.2136	39.10	27.96	1.2056	0.9741	1.0036	40.0	NONE	0.688

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 58.1 : (P_w)² = 23.7 : P_q = 63.8 % (P_c - 14.4) + 14.4 = 241.1 : (P_q)² = 0.207
(P_d)² =

(P _c) ² - (P _d) ² or (P _e) ² - (P _d) ²	(P _e) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² - P _d ² 2. P _e ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1, or 2, and divide by P _c ² - P _w ²	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
57.92	34.47	1.680	0.2254	0.850	0.1916	1.5545	62.17

Open Flow **62** 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 **9TH** day of **SEPTEMBER**, 20 **14**.

Copy to KCC Wichita
Witness (if any)

Received
KANSAS CORPORATION COMMISSION

Precision Well Log & Testing
For Company
Mark Buch
Checked by

SEP 17 2014

CONSERVATION DIVISION
WICHITA, KS

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 Agape Services Inc. 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 Turner 1-24 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: 9/10/2014

Signature: 
Title: President

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.

Received
KANSAS CORPORATION COMMISSION

SEP 17 2014

CONSERVATION DIVISION
WICHITA, KS