

TWO-WARREN PLACE, SUITE 1500 / TULSA, OK 74136-4224



August 28, 2012

Mr. Jim Hemmen
Kansas Corporation Commission
Oil & Gas Conservation Division
130 S. Market - Room 2078
Wichita, KS 67202

Re: **G2 for 2012**
HAGER #1-18
Sec.18-34S-27W
Meade County, KS

Dear Mr. Hemmen:

Enclosed is a 2012 Form G2 for the referenced well. If you need any additional information, please email rhonda.prill@apachecorp.com or call me at (918) 491-4983.

Sincerely,

A handwritten signature in cursive script that reads "Rhonda Prill".

Rhonda Prill
Engineering Tech

Enclosures

cc: OCC File
Well File

RECEIVED
AUG 30 2012
KCC WICHITA

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

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KCC WICHITA

Type Test:

(See Instructions on Reverse Side)

- Open Flow
 Deliverability

Test Date:

API No. 15
15-119-21264-00-00

Company APACHE CORPORATION		Lease HAGER		Well Number 1-18	
County MEADE	Location NW-SW	Section 18	TWP 34S	RNG (E/W) 27W	Acres Attributed 80
Field UNNAMED		Reservoir CHEROKEE		Gas Gathering Connection DCP	
Completion Date 10/19/10		Plug Back Total Depth 6100		Packer Set at N/A	
Casing Size 5.5	Weight 17	Internal Diameter 4.89	Set at 6100	Perforations 5923	To 5930
Tubing Size 2.875	Weight 6.5	Internal Diameter 2.441	Set at 5985	Perforations	To
Type Completion (Describe) SINGLE		Type Fluid Production Saltwater		Pump Unit or Traveling Plunger? <input checked="" type="checkbox"/> Yes / No Traveling Plunger	
Producing Thru (Annulus / Tubing) TUBING		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H)		Pressure Taps		(Meter Run) (Prover) Size	
Pressure Buildup: Shut in N/A 20 at _____ (AM) (PM) Taken N/A 20 at _____ (AM) (PM)					
Well on Line: Started _____ 20 at _____ (AM) (PM) Taken _____ 20 at _____ (AM) (PM)					

OBSERVED SURFACE DATA

Duration of Shut-in **N/A** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (P _m)	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											
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _{tt}	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207
(P_d)² = _____

(P _c) ² = _____	(P _w) ² = _____	P _d = _____ %	(P _c - 14.4) + 14.4 = _____	
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1, or 2, and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope
				n x LOG []
				Antilog
				Open Flow Deliverability Equals R x Antilog (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 knowledge of the facts stated therein, and that said report is true and correct. Executed this the 28th day of August, 20 12.

Witness (if any)

For Commission

Apache Corporation
For Company
Rhonda Puel
Checked by

RECEIVED

Form G-2
(Rev. 7/03)

AUG 30 2012

KCC WICHITA

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 Apache Corporation 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 Hager #1-18 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: 8/28/12

Signature: Rhonda Preece

Title: Engineering Tech

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.