

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

(See Instructions on Reverse Side)

Test Date:
10/26/2010

API No. 15
155-21292-00-08

Company HESSE PETROLEUM COMPANY, LLC		Lease MEEKS		Well Number 1	
County RENO	Location SE/4	Section 21	TWP 24S	RNG (E/W) 9W	Acres Attributed 160
Field PLEVNA		Reservoir MISSISSIPPI		Gas Gathering Connection WEST WICHITA GAS GATHERING	
Completion Date 1993		Plug Back Total Depth 3962'		Packer Set at	
Casing Size 5 1/2"	Weight 14#	Internal Diameter	Set at 3988'	Perforations 3776'	To 3790'
Tubing Size 2 3/8"	Weight 4.7#	Internal Diameter	Set at 3856'	Perforations N/A	To
Type Completion (Describe) GAS		Type Fluid Production SALTWATER		Pump Unit or Traveling Plunger? Yes / No PUMPING UNIT	
Producing Thru (Annulus / Tubing) ANNULUS		% Carbon Dioxide .0547		% Nitrogen 10.4	
Vertical Depth(H) 3783'		Pressure Taps FLANGE		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 10/26		20 10 at 3:30		(AM) (PM) Taken 10/29	
Well on Line: Started		20 at		20 at (AM) (PM)	

OBSERVED SURFACE DATA

Duration of Shut-in _____ Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter 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 ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						470	484.4			72	
Flow	1.0	67	35	67		75	89.4			24	

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 _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
5.073	81.4	53.4	1.18	.9933	1.013	322		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_a)² = 0.207

(P_d)² = _____

(P_c)² = 234.6 : (P_w)² = 8.0 : 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)
234.4	226.6	1.03	.015	.986	.014	1.03	332

Open Flow 332 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 3 day of NOVEMBER, 20 10.

Witness (if any)

For Commission

RECEIVED

NOV 08 2010

KCC WICHITA

For Company

Checked by

Keaton Hupp

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 HESSE PETROLEUM Co. 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.

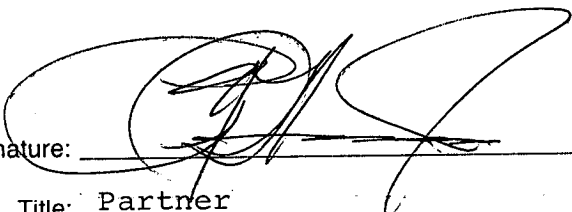
I hereby request a one-year exemption from open flow testing for the MEEKS 1-21 gas well on the grounds that said well:

(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: November 5, 2010

Signature:  _____
Title: Partner

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

NOV 08 2010

KCC WICHITA

hesse
PETROLEUM COMPANY, L.L.C.

November 5, 2010

*Kansas Corporation Commission
Conservation Division
130 South Market
Room 2078
Wichita, KS 67202-3802*

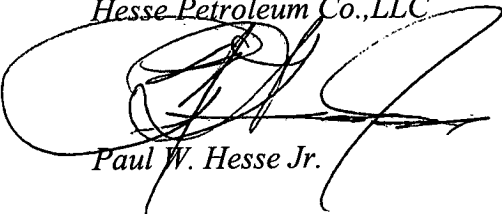
Re: G-2 Form

Dear KCC.

Enclosed is the completed G-2 form for Hesse Petroleum Company's MEEKS 1-21 well, located in Reno County, Kansas.

Should you have any questions, please contact us at your convenience. Thank you.

*Sincerely,
Hesse Petroleum Co., LLC*


Paul W. Hesse Jr.

Enc.

RECEIVED
NOV 08 2010
KCC WICHITA