

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

15-145-21276-00-00

- Open Flow
 Deliverability

Test Date:
09-13-2011

~~APP NO. 10~~
~~10-10-2011~~

Company DUNNE EQUITIES OPERATING INC		Lease HEARN		Well Number 1-D	
County PAWNEE	Location	Section 35	TWP 23S	RNG (E/W) 15W	Acres Attributed
Field VIOLA		Reservoir VIOLA		Gas Gathering Connection Lumen Midstream	
Completion Date 06/08/1988		Plug Back Total Depth 4137		Packer Set at NONE	
Casing Size 5-1/2	Weight 15.5	Internal Diameter 4.950	Set at 4138	Perforations 4054	To 4086
Tubing Size 2-7/8	Weight 6.5	Internal Diameter 2.441	Set at 4056	Perforations OPEN	To
Type Completion (Describe) SINGLE GAS		Type Fluid Production WATER		Pump Unit or Traveling Plunger? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Producing Thru (Annulus / Tubing) TUBING		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 4070		Pressure Taps FLANGE		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 9/13		20 11 at 9:30		<input checked="" type="checkbox"/> (AM) (PM) Taken 9/14	
				20 11 at 10:15	
Well on Line: Started 9/14		20 11 at 10:15		<input checked="" type="checkbox"/> (AM) (PM) Taken 9/15	
				20 11 at 11:10	

OBSERVED SURFACE DATA

Duration of Shut-in _____ Hours

Static / Dynamic Property	Orifice Size (Inches)	Circle one: <input checked="" type="checkbox"/> Meter <input type="checkbox"/> 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	1/4	48	16			260		48		24	0
Flow	1/4	60	49			274		98		24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _s) (F _v) Mcfd	Circle one: <input checked="" type="checkbox"/> Meter <input type="checkbox"/> 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
.48	60	49				22		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = 0.207

(P_w)² = _____

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ :

(P _c) ² - (P _w) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _w 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: $\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2}$	Backpressure Curve Slope = "n" ----- Assigned Standard Slope	n x LOG $\left[\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} \right]$	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 22nd day of March, 20 12.

Witness (if any)

For Commission

RECEIVED

MAR 23 2012

KCC WICHITA

Julie Ecker
For Company

For Company

Checked by

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 Dunne Equities Operating 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 Hearn "D" #1 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: 3/22/2012

Signature: Julie Ecker RECEIVED
 Title: ACCOUNTANT MAR 23 2012
 KCC WICHITA

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.

Dunne Equities Operating, Inc.

March 22, 2012

Mr. Jim Hemmen
Kansas Corporation Commission
Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

RE: Hearn D#1 Form G-2 for 2011

Dear Mr. Hemmen:

Attached you will find our G2 form for the Hearn D1 testing for the year 2011, which you requested earlier and is delinquent.

If you have any questions, please feel free to contact us.

Sincerely,



Julie Ecker

Enclosure

JAE

RECEIVED
MAR 23 2012
KCC WICHITA