

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow
 Deliverability

(See Instructions on Reverse Side)

Test Date:
09/23/12

API No. 15
175-22079 - 0000

Company MIDWESTERN EXPLORATION COMPANY			Lease PROCTOR		Well Number 1-11
County SEWARD	Location NE SW	Section 11	TWP 35S	RNG (E/W) 33W	Acres Attributed
Field LIBERAL SOUTHEAST		Reservoir MORROW/CHESTER	Gas Gathering Connection TIMBERLAND GATHERING		
Completion Date 6/4/07		Plug Back Total Depth 6460	Packer Set at		
Casing Size 4.5	Weight 10.5	Internal Diameter	Set at 6516	Perforations 6070	To 6248
Tubing Size 2 3/8	Weight 4.6	Internal Diameter	Set at 6060	Perforations	To
Type Completion (Describe) COMINGLED		Type Fluid Production GAS	Pump Unit or Traveling Plunger? Yes / No NO		
Producing Thru (Annulus / Tubing) TUBING		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g .6575	
Vertical Depth(H) 6718		Pressure Taps		(Meter Run) (Prover) Size	
Pressure Buildup: Shut in <u>9/22</u> 20 <u>12</u> at _____ (AM) (PM) Taken <u>9/23</u> 20 <u>12</u> at _____ (AM) (PM)					
Well on Line: Started <u>9/23</u> 20 <u>12</u> at _____ (AM) (PM) Taken <u>9/24</u> 20 <u>12</u> at _____ (AM) (PM)					

OBSERVED SURFACE DATA

Duration of Shut-in _____ Hours

Static / Dynamic Property	Orifice Size (inches)	Circle 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						80		30		24	
Flow						75		20		24	0

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 _{tl}	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						33		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P_a)² = 0.207
(P_d)² = _____

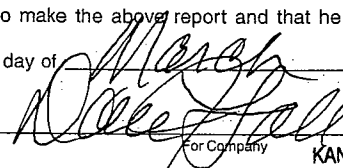
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	Backpressure Curve Slope = "n" ----- Assigned Standard Slope	n x LOG $\left[\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2} \right]$	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow _____ Mcfd @ 14.65 psia Deliverability **33** 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 8th day of March, 2013.

Witness (if any)

For Commission


 For Company
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Checked by

OCT 23 2013

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 Midwestern Exploration 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 Proctor #1-11 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: March 8, 2013

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.

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CONSERVATION DIVISION
WICHITA, KS

Midwestern Exploration

Monthly Gauge Report

Lease:	Proctor 1-11	Gauger:	Brungardt Pumping
From:	2-Sep-12	To:	1-Oct-12

Date:	Meter		MCF	Hours	Tubing	Casing	Water		Prod.	Remarks:	
	Line	Dif					Feet	Inches			
2	15	12	30.19	24	15	75	1	4			
3	15	12	30.19	24	15	75	1	4			
4	15	12	30.19	24	15	75	1	4			
5	15	12	30.19	24	15	75	1	4			
6	15	12	30.19	24	15	75	1	4			
7	15	12	30.19	24	15	75	1	4			
8	15	12	30.19	24	15	70	1	4			
9	15	12	30.19	24	15	70	1	4			
10	15	12	30.19	24	15	70	1	4			
11	15	12	30.19	24	15	70	1	4			
12	15	12	30.19	24	15	70	1	4			
13	15	13	31.42	24	15	70	1	4			
14	15	13	31.42	24	15	70	1	4			
15	15	13	31.42	24	15	70	1	4			
16	15	13	31.42	24	15	70	1	4			
17	15	13	31.42	24	15	70	1	4			
18	15	13	31.42	24	15	70	1	4			
19	15	13	31.42	24	15	70	1	4			
20	15	13	31.42	24	15	70	1	4			
21	15	13	31.42	24	15	70	1	4			
22	15	13	31.42	24	15	70	1	4			
23	70	0	0	24	30	80	1	4		line pressure up	
24	20	11	33.37	24	20	75	1	4			
25	15	13	31.42	24	15	70	1	4			
26	15	13	31.42	24	15	70	1	4			
27	15	13	31.42	24	15	70	1	4			
28	15	13	31.42	24	15	70	1	4			
29	15	13	31.42	24	15	70	1	4			
30	15	13	31.42	24	15	70	1	4			
31			0								
1	15	13	31.42	24	15	70	1	4			
Total Volume			900	Total Water Production				0			

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00 MCF Oil & water on 30 days