

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

- Open Flow
 Deliverability

Test Date: 10/22/10

API No. 15 175-22079-00-00

Company Midwestern Exploration Co.			Lease Proctor		Well Number #1-11
County Seward	Location NE SW	Section 11	TWP 35S	RNG (E/W) 33W	Acres Attributed
Field Liberal Southwest		Reservoir Morrow/Chester	Gas Gathering Connection Timberland Gathering		
Completion Date 6/4/07		Plug Back Total Depth 6460'	Packer Set at ---		
Casing Size 4 1/2	Weight 10.5#	Internal Diameter 4.052	Set at 6516'	Perforations 6070'	To 6248'
Tubing Size 2 3/8	Weight 4.6#	Internal Diameter 1.995	Set at 6060'	Perforations ---	To
Type Completion (Describe) Commingled		Type Fluid Production Gas	Pump Unit or Traveling Plunger? Yes / <input checked="" type="checkbox"/> No		
Producing Thru (Annulus / Tubing) Tubing		% Carbon Dioxide .213	% Nitrogen No	Gas Gravity - G _g .6575	
Vertical Depth(H)		Pressure Taps		(Meter Run) (Prover) Size	

Pressure Buildup: Shut in 10/22 20 10 at 11:00 (AM) (PM) Taken 10/23 20 10 at 11:15 (AM) (PM)

Well on Line: Started _____ 20 _____ at _____ (AM) (PM) Taken _____ 20 _____ at _____ (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in _____ Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or 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 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						95		63		24.25	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _s) (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_o)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ :

(P_o)² = _____

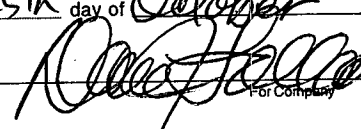
(P _o) ² - (P _a) ² or (P _o) ² - (P _d) ²	(P _o) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	Backpressure Curve Slope = "n" ----- Assigned Standard Slope	n x LOG	Antilog	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 25th day of October, 2010.

Witness (if any)

For Commission


 For Company
RECEIVED
 Checked by
OCT 27 2010
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 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
(Pumper Sheet Attached)

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: 10/25/10

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.

Midwestern Exploration

Gauge and Production Report

Lease **Proctor** Month **September** Year **2010** Pumper **Brungardt Pumping**

Day	Line Press	Diff	MCF Day	Tub	Csg	Hours On	Tank 1	Water Prod.	Comments
Opening Gauge							1 - 1	1.67	
2	18	20	44	20	75		1-1		
3	18	20	44	20	75				
4	18	20	44	20	75				
5	18	20	44	20	75				
6	18	20	44	20	75				
7	18	20	44	20	75				
8	18	20	44	20	75				
9	18	20	44	20	75				
10	18	20	44	20	75				
11	18	20	44	20	75				
12	18	20	44	20	75				
13	18	20	44	20	75				
14	18	20	44	20	75				
15	18	20	44	20	75				
16	18	20	44	20	75				
17	18	20	44	20	75		1-1		
Total Volume			704	Total Production				0	
18	18	20	44	20	75		1-1		
19	18	20	44	20	75				
20	18	20	44	20	75				
21	15	22	42	15	70				
22	15	22	42	15	70				
23	15	22	42	15	70				
24	15	22	42	15	70				
25	15	22	42	15	70				
26	15	20	40	15	70				
27	15	20	40	15	70				
28	15	20	40	15	70				
29	15	20	40	15	70				RECEIVED
30	15	20	40	15	70				OCT 27 2010
31									
1	15	20	40	15	70		1-1		KCC WICHITA
Total Volume			582	Total Production				0	

Pipeline Runs

Date	Ticket #	Tank #	From		To		Bbls	Gravity	BS&W
			Ft	In	Ft	In			

1286 MCF of water & oil on 30 days