## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

·	t: oen Fle elivera					Test Date		actions on Rev	erse Side	•	No. 15 –077	/-21364-00-	00
Company	,							Lease				<del></del> -	Well Number
	•	lli1	ng Compa	any,	, Inc.			Pearl					#1-27
County Location				·	Section		TWP		RNG (E	:/W)		Acres Attributed	
Harper NE NW SW				27		31S		9W					
Field	0-					Reservoi	•	_			thering Conne		
			-Basil				sippiar k Total Dep				ey Gas Pl	ant	
Complete 10-17		ıe				Plug Bac	к тогат Бер	uı		Packer \$	Set at		
Casing S			Weig	ht		Internal C	Diameter	Set at		Perfo	orations	То	<u>-</u> -
4. 1/2" 10.5#						4.09		4549			443		50
Tubing Size Weight						Internal C	Diameter	Set at		Perfo	orations	To	
2 3/8			4.	7#		1.99		4401					
Type Con		n (De	escribe)			• .	d Productio	n		-Pump U	nit or Traveling	Plunger? Yes	X <b>4</b> 40X
Singl							Water					··· ·	
Annul	_	(Ann	ulus / Tubin	9)		% Carbor	1 Dioxide			% Nitrog	leu	Gas Gr	avity - G
Vertical D		41				·····	Proce	sure Taps				/Adahan /	
Voltical D	epui(i	''					Fies	onie iaha				(Meter )	Run) (Prover) Size
				<u>a</u> .	<b>Q</b> 40	9 11	1.12-	<i>6</i>		-	0 10		
Pressure	Bulldu	ip:	Shut in	<u> </u>	<u>. O</u> +	9    at _	11,40	- ((ĀM) (PM) 1	Taken	<b>7.</b>	<del>7</del> — 79	11 at	(PM) (PM)
Well on Li	ine:	5	Started		19	)at	<u></u>	(AM) (PM)	Гакеп		19	at	(AM) (PM)
	<u> </u>							· · · · · · · · · · · · · · · · · · ·					
<del></del> -							OBSERV	ED SURFACE	DATA			Duration of Shut-	in 24 Hours
Static /	Orifi	ice	Gircle one: Meter or	1	Pressure Differential	Flowing	Well Head	Casir	-		Tubing	5	
Dynamic	Clan I		Prover Press			Temperature	Temperature	ature $(P_{\pi}) \propto (P_{\xi}) \propto (P_{\xi})$		Wellhead Pressure (P <sub>u</sub> ) or (P <sub>1</sub> ) or (P <sub>a</sub> )		Duration (Hours)	Liquid Produced (Barrels)
Property	ınçn	es	psig		Inches H <sub>2</sub> 0	ŧ	t	psig	psia	psig	psia		(
Shut-in	.9%	25						285				24	
Flow		,,,						<del>                                     </del>			1		<del>                                     </del>
riow							L						<u> </u>
						···	FLOW ST	REAM ATTRIE	BUTES		·		
Plate			Circle one:		Press	Grav	rity	Flowing	Devi	ation	Metered Flow	GOR	Flowing
Coefflecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Meter or Prover Pressure		Extension		Fact	, U	Temperature Factor	Factor		R	(Cubic Fe	et/ Fluid Gravity
		psia		√ P_x H_		F,	'	Fn	F <sub>pv</sub>		(Mcfd)	Barrel)	G_
			···-										
	l	<del></del>							<u> </u>				<u></u> _j
						(OPEN FLO	OW) (DELIV	(ERABILITY)	CALCUL	ATIONS		(P_)	= 0.207
(P <sub>e</sub> )² =	<del></del> ;	<u>:</u>	(P <sub>w</sub> ) <sup>2</sup>		<u> </u>	P <sub>d</sub> =		% (P <sub>e</sub>	- 14.4) +	14.4 =	<u> </u>	(P <sub>a</sub> ) <sup>2</sup>	'=
(P <sub>e</sub> )²- (P	, ,,	(P	)²- (P_)²		se formula 1 or 2: . P 2 - P 2	LOG of	$\Gamma$		ure Curve		רח		Open Flow
or	·	ν,	•′ •′ •′		P 2 - P 2	formula 1, or 2.		Slope	) = "N" )[	лх	LOG	Antilog	Deliverability
(P <sub>#</sub> )² · (P	'a)*		]		aby: P² - P²	and divide	P.2. P.2		gned d Slope			J	Equals R x Antilog Mcfd
<del></del>				07700	2 Dy. 1 2 - 1 W	+	<u> </u>						
			İ			İ		İ					
Open Flow	<del></del>				M4 8 14 0			Deliverabilit	<del></del>			• • • • • • • •	l
Open riow				M	lcfd @ 14.6	o psia		Deliverabilit	<u>y</u>		N	fcfd @ 14.65 psia	
The u	ndersi	gned	authority, or	n beha	alf of the Co	mpany, stat	es that he is	s duly authoriz	ed to mai	ke the ab	ove report and	that he has know	ledge of the facts
tated there	in, an	d thai	t said report	is tru	e and corre	ct. Execute	d this the _		day of		Sept	4-10	2011
			•					,	-	.=	- 1/	. RI	CEIVED
			Witness	il part	<del></del>		· · · · · · · · · · · · · · · · · · ·			<u> [1 / 1]</u>		119	
			************	, ey)							For C	OC	T 0 5 2011
			For Com	nission	<del></del>		<del></del>				Chec	ked by	···
												KCC	WICHITA

I declare under penalty or 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 <u>Mull Drilling Company</u> , <u>Inc</u> , and that the foregoing information and statements contained on this application form are true and correct to
the best of my knowledge and belief based upon gas production records and records of equipment installa-
tion and/or of type completion or upon use of the gas well herein named.
I hereby request a permanent exemption from open flow testing for the Pear 1 #1-27
gas well on the grounds that said well:
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 incapable of producing at a daily rate in excess of 150 mcf/D
Signature:

## Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.