Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

		VED
OCT	2	2012

Type Tes	st:			(See Instructions on Reverse Side)						į	<u>لام ،</u>	• • •		
X o	pen Fl	ow			·					700	WICHI			
□ De	elivera	bilty			Test Date	e:	1/2 -	, ,			-20034 - 00 <i>-</i>	00	U. 17	
						<u> 10/14</u>	/2012	to 1	0/15	12012				
Compan;	•		4			/	Lease		,			Well N	lumber	
County	ı pr	rilling Company, Inc.			Wal					1				
•	unty Location Vichita SE SW		Section 27			TWP RNG (E/W) 18S 38W			, Acres Attributed					
Field	IIIC		יט בט		Reservoi	r	105			orina Connoc	tion	80		
Leoti Gas Area			Chase				•	HON						
Completion Date				Plug Back Total Depth Packer Set at										
,					3130	·								
7-29-76 Casing Size Weight		Internal Diameter		Set at	Set at Perforations		То							
4 1	4 1/2" 9 1/2#		4.052		3130		2802		2808					
Tubing S	Tubing Size Weight		Internal [Internal Diameter Set at			Perforations		To					
2			4.7#		1.99	1.995 2812								
Type Cor	•		•		Type Flui	Fluid Production Pump Unit or Traveling P		Plunger? Yes / No						
	ng1e				·	Water Yes								
	Producing Thru (Annulus / Tubing)			% Carboi	% Carbon Dioxide % Nitrogen			Gas Gravity - G						
	oing										.77	.771		
Vertical D	epth(H)				Pressu	ure Taps				(Meter I	Run) (f	Prover) Size	
313					·· · · · · · · · · · · · · · · · · · ·									
Pressure	Builde	un:	Shut in /î=/	1-2012 4	at e	7:12	(AM) PM) T	aken / C	1-14-3	2012 40-	at <u>7:1</u> :	3 .	(444) (874)	
		- p.	ر المارين المارين المارين	*****			(//////////////////////////////////////	anen - s	10- 35		al		(AIVI) (RIVI))	
Well on L	.ine:	:	Started / (2017)	<u> 2012 - Hi</u>	at <u>4</u>	2 - Q C.	(AM)(PM)	aken <u>70</u>	13.00	<u>10 49</u>	at	7	(AM) (PM)	
								· · · · · · · · · · · · · · · · · · ·						
,	-				· · · · · · · · · · · · · · · · · · ·	OBSERVE	D SURFACE	DATA		<u> </u>	Duration of Shut-	·in	Hour	
Static /	Ori	lice	Meter or	Pressure Differential	Flowing	 Well Head	Casir Wellbood P	-	l	ubing	Duration	1		
Dynamic Siz			Prover Pressure		Temperature	1	Wellhead Pressure (P_w) or (P_1) or (P_2)		Wellhead Pressure (P _w) or (P _i) or (P _c)		(Hours)	Liqi	Liquid Produced (Barrels)	
Property	Property inches		psig Inches H ₂ 0		τ	t t		psig psia		psia	, ,			
Shut-In			34	15	65		24				24	42		
	l		· · ·	 ' ' 		,	× 1			+		-		
Flow			34	196	81	<u></u>	170				24		<u>C</u>	
						FLOW STR	EAM ATTRIE	BUTES						
Plate			Circle one:	Press	C	.:	Flowing						Flowing	
Coeffiecient		0	Meter or	Extension	Gravi Facto	tor T	Temperature	Deviation Factor		Metered Flow R	GOR (Cubic Fe	et/	et/ Fluid	
		<i>Prover Pressure</i> psia		√ P _m x H _m	F,		Factor F _{tt}	Fpv		(Mcfd)	Barrel)		Gravity G _m	
					_		111			 -				
				,			····					_		
					(OPEN FL	OW) (DELIVI	ERABILITY)	CALCUL	ATIONS		(D.)	1 -		
(P _c)² ≈		:	(P _w) ² =		P _d =		,		14.4 =			$x^2 = 0.$ $x^2 = 0.$	207	
				hoose formula 1 or 2:			Ţ ~~~			· · · ·		Τ		
(P _e) ^e - (F	P _a) ²	(F	(P _w) ² - (P _w) ²	1. P _c ² -P _a ²	LOG of			sure Curve		[]		1	Open Flow	
or (P _c) ² - (P _d) ²				2. P.2-P.2	formula 1. or 2.				nxL		Antilog	Deliverability Equals R x Antilog		
(F _c) (F	a)-		di	vided by: P _c ² - P _w ²	and divide by:	P2.P2		gned d Slope					Mcfd	
				с w	 						 	 		
					1		.700	0						
Open Flow Mcfd @ 14.65 psia			E poio		Deliverability Mcfe				-1-1-0-1-1-1	id @ 14 65 poin				
Oben Link	*			WICIU W 14.0	n halg		Deliverabilit	у		М	cfd @ 14.65 psi	3		
The u	ınders	igned	authority, on b	ehalf of the Co	ompany, sta	tes that he is	duly authoriz	ed to ma	ke the abo	ve report and	that he has know	vledge	of the facts	
			ıt said report is						2				.49 <i>2012</i> .	
V V	د الم	/\ /\	said report is	and corre	· CABCUIE	o uns tile		uay of	1	1			49 81.10 .	
MUST	MI	0,0	(ACCK)						In	m				
T			Witness (if a	іпу)						For Co	ompany			
							_					_		
			For Commis	sion			_			Check	ed by			

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 installation 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 <u>Walk #1</u> 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. X is incapable of producing at a daily rate in excess of 150 mcf/D
Date: 10-14-12
Signature: My Mr. Title: freduction forman

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.