July 2014

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instru	ctions on Re	erse Side))				
Op	en Flo	w			Test Date	۸۰			ΔPI	No. 15			
X De	liverat	oilty				, 2/201	4			5-20255	5-000!		
Company FOUNDATION ENERGY M				NERGY MA	NAGEME	ENT	Lease BL:	Lease BLACK				Well Number ·15	
County Loca SEWARD C SV					Section 15		TWP 34S			W)	Acres Attributed		
Field ARKA	LON	1		CHESTER/	Reservoir L. MOI		J. MORR	OW	Gas Gat	nering Conne	ection		
Completic 7 - 23					Plug Bac 587	k Total Der 'O	pth		Packer S				
Casing Size 4.5			Weigh 10	nt . 5	Internal I	Internal Diameter 4.052		Set at 598 1		rations 5559	то 5690		
Tubing Size 2.375			Weigl			Internal Diameter 1.995		Set at 5665		Perforations		То	
Type Con						d Production			Pump Un YES	it or Traveling - PUMP	Plunger? Yes	/ No	
Producing ANN			nulus / Tubin	g)		arbon Diox		% Nitrog		gen Gas G		avity - G _g	
Vertical D	epth(l	H)				Pre	ssure Taps			•	(Meter F	Run) (Prover) Size	
562					•]	Flange						
Pressure	Buildu										at 900		
Well on L	ine:		Started	2	0 at		_ (AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERV	ED SURFACE	DATA	· -		Duration of Shut-i	n 24 Hours	
Static / Dynamic Property	Orif Siz (inch	ze	Circle one: Meter Prover Press psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead	Pressure	Wellhea	ubing ad Pressure (Pt) or (Pc) psia	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In				2			 	264.7	+	рыа	24		
Flow													
				1		FLOW ST	REAM ATTR	BUTES	1				
Plate Coeffieci (F _b) (F Mcfd	ent	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m xh	Grav Fact F _s	tor	Flowing Temperature Factor F _{II}	Fa	iation ctor - pv	Metered Flow R (Mcfd)	GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m	
					•		VERABILITY)					= 0.207	
(P _c) ² =		_ :_	(P _w) ² =				_% (P	_c - 14.4) +	14.4 =	 :	(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. $P_c^2 - P_a^2$ LOG formula 2. $P_c^2 - P_d^2$ and divided by: $P_c^2 - P_w^2$ by:		P _c ² -P _w ²	Slop Ass	Backpressure Curve Slope = "n" or Assigned Standard Slope		og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flor	N			Mcfd @ 14.	65 psia		Deliverab	ility		ħ	Mcfd @ 14.65 psi	a	
The u	ınders	igned	d authority, o	n behalf of the	Company, s	tates that	he is duly au	thorized to	o make th	e above repor	t and that he ha	s knowledge of	
the facts st	ated t	herei	n, and that s	aid report is true	and correc	t. Execute	d this the	12 '41 7 4	day of	May	-	, 2014.	
			Witness (if any)			EC 2 2 Z	4		For Co	ompany		
			For Comm	nission			RECEIVI			Check	ked by		

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	
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 Black *1-15 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. CCC WICHITA ignature: According to the complete of th	Annual Prince Control of the Control
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	DEC 2 2 2014 Title: Operations Ensineer
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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.