Received
KANSAS CORPORATION OCUMUSSION
(Rev. 7/03)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST AUG 2 5 2014

Type Test:					(See Instructions on Reverse Side)							WICHITA, KS		
Open Flow					Toet Date	Test Date:				No. 15				
✓ Deliverabilty					9/19/13					5-21872 -00	ot .			
Company		N EN	NERGY MA	NAGEMENT		Lease BLACK					2-15	Well Number 2-15		
County Location SEWARD NE NE SW SW					Section 15				RNG (E/W) 31W			Acres Attributed		
Field ARKALON						Reservoir MORROW/CHESTER			Gas Gat	hering Conn	ection			
Completion Date 5-21-02					Plug Bac 5695	Plug Back Total Depth 5695				Set at		_		
Casing Size Weight 4.5 11.6				Internal E	Diameter				Perforations 5660		то 5721			
Tubing S	Tubing Size Weight 2.375 4.7			nt	Internal E	Diameter		Set at Pe 5574		erforations		То		
Type Con						Type Fluid Production WATER/OIL			Pump Unit or Traveling Plunger? YES - PUMP			/ No		
Producing Thru (Annulus / Tubing) ANNULUS						% Carbon Dioxide			% Nitrog		Gas Gr	Gas Gravity - G		
		-D			_	Pres	sture Tans				(Motor S	Run) (Pi	rover) Size	
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Siz 5691 FLANGE														
Pressure Buildup: Shut in 9/19/12 20											AM) (PM)			
Well on L	.ine:		Started	2	0 at		. (AM) (PM)	Taken		20	at	(AM) (PM)	
OBSERVED SURFACE DATA Duration of										Duration of Shut-	_{in} 24.	0 Hours		
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In	In		poig (/ m/				126	psia 140.7	120	134.7	24.0			
Flow									-					
	1			_		FLOW STA	REAM ATTR	IBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Extension Fact		Flowing Temperature Factor F _{II}	Fa	ation ctor	Metered Flow R (Mcfd)	v GOR (Cubic Fed Barrel)	eV	Flowing Fluid Gravity G _m	
	_									<u>.</u>				
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_a)^2 = 0.207$														
(P _e)² =		_: _	(P _w) ² =	Choose formula 1 or 2.	P _d =		% (F	² _c - 14.4) +	<u>14.4 = _</u>	 :,	(P _d);			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² - P _a ² 2. P _c ² - P _c ² divided by: P _c ² - P _c ²	LOG of formula 1. or 2.		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x 106		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
		_												
Open Flow Mcfd @ 14.65 psia							Deliverability Mcfd @ 14.					a		
	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 he facts stated therein, and that said report is true and correct. Executed this the													
Witness (if any) For Company											Company			
•	For Commission									Checked by				

AUG 25 2014

CONSERVATION DIVISION WICHITA, KS

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 FOUNDATION ENERGY MANAGEMEN

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 <u>BLACK 2-15</u> 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: 8/22/2014

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.