KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:: en Flo	w	0112			·		ucti	ions on Rev	erse Side		023	3-21209-00-00	`		
De	liverab	ilty				Test Date	∌:				API	No. 15 -UZ3)- <i>2</i> 1209-00-00	,		
Company					Lease								Well No			
Foundation Energy Management, LLC				Section			NELSON TWP		BNG (E		_ -	21-	17 Attributed			
County Location CHEYENNE W2-SE-NE-SW				17			28		RNG (E/W) 38W			Acres /	Aunbalea			
Field BIG TIMBER				Reservoir NIOBRARA					Gas Gathering Connec SOUTHERN STAF							
Completion Date				Plug Back Total Depth 1519'			h		Packer 8	Set at						
1/21/2009 Casing Size Weight				Internal Diameter			Set at		Perfo	rations	То	To				
7", 41/2"				17#, 10.5#			6.538, 4.052			292', 1563'		1358'	1380'			
Tubing Size Weight			Internal Diameter			Set at 1404'		Perforations		То						
2-3/8" 4.7# Type Completion (Describe)			1.995 Type Fluid Production					Pump Unit or Traveling P		Plunger? Yes	/ No					
SINGLE (GAS)				SALTWATER					Tamp one or nationing		YES, rod pump					
Producing Thru (Annulus / Tubing)				% Carbon Dioxide			е		% Nitrogen		Gas Gravity - G _g					
ANNUL Vertical D		1/							use Tone				/Mater	D\ (D	rover) Size	
Vertical D	ebui(r	1)					F	ess	sure Taps				(Meter	nun) (P	tover) Size	
Pressure Buildup: Shut in 9/15			15 20	15 at 10:45 AM			(AM) (PM) Taken			20	at		(AM) (PM)			
·			Started 9/16 20			15 at 10:45 AM			(AM) (PM) Taken			20	at		(AM) (PM)	
					:	-										
· ·			Circle one:	_	B		OBSER	VE	D SURFACE				Duration of Shut-	in	24 Hours	
Static / Orific Dynamic Size Property (inches		е	Meter Prover Pressu		Pressure Differential in	Flowing Temperature t	Well Hea Temperati t		Casing Wellhead Pressure (P_u) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			y psig (Pm)		Inches H ₂ 0				psig psia 16		psigpsia					
Flow											-					
		_	·I——-		I		FLOW S	TR	EAM ATTRI	BUTES		<u> </u>	<u> </u>			
Plate	Plate Circle one: Press Gravity			dtv	Flowing			viation Metered Flow		v GOR		Flowing				
Coefficcient (F _b) (F _p)		Pro	Meter or Prover Pressure		Extension	Factor		Temperature Factor		Fa	ctor	R	(Cubic Fe		Fluid Gravity	
Mefd			psia		√ P _m xh	F,			F _{it}		F _{pv} (Mcfd)		Barrel)		G _m	
· -					-	(OPEN FL	OW) (DEL	.JVE	ERABILITY)	CALCUL	ATIONS		(P.)	₹= 0.2	07	
(P _c) ² =		_:	(P _w) ² =		:	P _d =		_%	6 (P _c	- 14.4) +	14.4 =	:	(P _a)			
(P _c) ² - (P _A) ²		(1		1. P _c ² -P _e ²		LOG of			Backpressure Curve			ГП		Op	Open Flow	
or				P2-P2	formula 1. or 2.	}		Slope = "n" or Assigned		n x	LOG	Antilog		Deliverability Equals R x Antilog		
(F _c) (F	-ره				1 by: P _c ² - P _w ²	and divide by:	P _e ² - P _w ²			gnea rd Slope		LJ		1 '	(Mcfd)	
				•												
Open Flow Mcfd @ 14.6				35 psia			Deliverability		Mcfd @ 14.65 psia							
The u	ındersi	igne	d authority, or	bel	half of the	Company, s	tates that	t ne	e is duly aut	horized to	o make th		rt and that he ha	ıs know	ledge of 15	
the facts st	ated ti	herei	in, and that sa	id re	eport is true			Re	Preived		day of				20	
			Witness (if	any)			KANSAS CO	RPC	DRATION COMA	1ISSION	.	For C	Company			
			For Comm	ssion			0C	T	0 9 2045	<u> </u>		Char	cked by			
			,,									-1101				

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 operatorFoundation Energy Management, LLC 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 NELSON 21-17 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 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:
Received KANSAS CORPORATION COMMISSION OCT 0 9 2015 CONSERVATION DIVISION WICHITA, KS

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.