KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Reve	rse Side)				
Open Flow			T1 D-1	Test Date:				N= 45	- \				
✓ Deliverabilty				Test Date: 03/01/2011				No. 15 3-20835 - -	$\mathcal{O}(\mathcal{Y})$				
Company)eve	lopment C	Corp	55.5		Lease Schlepp	-			12-33	Well Number	
County Location Cheyenne SESWNW			ion	Section 33				RNG (E.	W)				
Field			Reservoir	Reservoir			Gas Gathering Connection			100			
				Niobrara Plug Back Total Depth			PDC Stones Throw Gathering Packer Set at			·			
09/23/2	8008		,		1710'				n/a				
Casing Size 4.5"			Weight 10.5#		Internal Diameter 4"		Set at 1729'		Perforations 1542'		то 1554'		
Tubing Size 2.375"			Weigh 4.75#		Interna) Di 2"		ameter Set at 1588'		Perforations		То	То	
Type Con N2 Frac	•	ın (Dı	escribe)		Type Flui Brine V	d Production Vater	1		Pump Ui Yes, F	nit or Traveling	Plunger? Yes	/ No	
Producing	•	(Ani	nulus / Tubin	g)		% Carbon Dioxide			% Nitrog	en	Gas Gr	Gas Gravity - G	
Vertical E	_	H)			>170	Praes	sure Taps		~170		(Mater I	Run) (Prover) Size	
1752'					721								
Pressure	Buildu	ıp:	Shut in	01 2	11 at 9	:45am	(AM) (PM) 1	aken_03	/02	50	11 at 10:00a	m (AM) (PM)	
Well on L	.ine:		Started	2	0 at		(AM) (PM) 1	aken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in_24 Hours	
Static / Dynamic	Orif Siz		Circle one: Meter Prover Pressi	Pressure Differential in	Flowing Temperature	Well Head Temperature	Casin Wellhead P	ressure	Wellhe	Tubing ad Pressure	Duration	Liquid Produced	
Property	(inch	les)	psig (Pm)	Inches H ₂ 0	t	t	(P _w) or (P ₁)	or (F _e)	psig	r (P _t) or (P _e)	(Hours)	(Barrels)	
Shut-In							115						
Flow													
				· · · · · · · · · · · · · · · · · · ·		FLOW STR	EAM ATTRIE	UTES					
Coeffiec (F _b) (F	Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or over Pressure psia	Press Extension P _m xh	Extension Fact		or Temperature		ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m	
/m \ a			(D.)2		•		ERABILITY)					² = 0.207	
(P _c) ² =		=:	(P _w)*=	Choose formula 1 or 2	P _g =	 ,	6 (Р _с	- 14.4) +	14.4 =	 :	(P _d)	' =	
(P _c) ² - (I or (P _c) ² - (I		(F)² - (P _w)²	1. $P_c^2 - P_b^2$ 2. $P_c^2 - P_d^2$	LOG of formula 1, or 2, and divide	P,2 - P,2	Backpress Slope o Assig	= "n" r gned	n x l	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				divided by: $P_c^2 - P_w^2$	by:	<u> </u>	Standar	о эюре	+-			(mora)	
				•							· · · · · · · · · · · · · · · · · · ·		
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabili	ty			Mcfd @ 14.65 psi	a	
The (unders	igned	authority, o	n behalf of the	Company, s	tates that h	e is duly auth	norized to	make th	e above repo	rt and that he ha	s knowledge of	
the facts s	tated t	herei	n, and that sa	aid report is true	and correc	t. Executed	this the 14		day of			, 20 <u>2011</u> .	
			Mileses "	(any)				Gy	16	h		RECEN	
-			Witness (i	·	_		_				ompany	WEUEIVED	
			For Comm	nission						Chec	ked by	AUG 0 2 201	

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Petroleum Development Corp								
and that	the foregoing pressure information and statements contained on this application form are true and								
	o 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 Schlepp 12-33									
	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								
l fur	ther 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: 0	7/14/2011								
	Signature: Office .								
	Title: Sr. Engineering Tech								

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.

RECEIVED
AUG 0 2 2011

KCC WICHITA