KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruct	lions on Reve	erse Side)			
Op	en Flo	w										
√ De	liverab	ilty			Test Date 02/17/2				API 02:	No. 15 3-20907 —	0000	
Company	um D	eve	lopment Co	orp	02/11/2	.010	Lease McCall			20001		Vell Number
County			Location SWNW	n	Section 4		TWP 5S		RNG (E.	(W)	,	Acres Attributed
Field					Reservoir	-				thering Conne		
Cherry	Cree	k			Niobrai	а				Drury Gathe		
Completion Date 04/29/2008				Plug Bac 1552'	Plug Back Total Depth 1552'			Packer Set at n/a				
Casing S 4.5"	ize		Weight 10.5#		Internal [Diameter	Set at 1572		Perfo	rations 8'	To 1440'	
Tubing Si 2.375"	zo	•	Weight 4.75#		Internal [Diameter	Set at 1461		Perfo	rations	То	
Type Con N2 Frac	•	n (De			Type Flui Brine \	d Production		<u> </u>	Pump Ur Yes, F	nit or Traveling	Plunger? Yes	/ No
		(Anı	nulus / Tubing	<u> </u>		arbon Dioxi	do an		% Nitrog		Gas Ge	avity - G
Annulus	•	(21)	idids / tabing	,	<1%				<1%	jen	Gas Gia	avity - O _q
Vertical D	epth(F	1)				Pres	sure Taps				(Meter F	Run) (Prover) Size
1590'												
Pressure	Buildu	p: :	Shut in <u>02/2</u>	23	11 at 1	2:00pm	(AM) (PM) 7	aken_02	2/24	20	11 at 12:00p	m (AM) (PM)
Well on L	ine:	1	Started	2	0 at		(AM) (PM)	aken		20	at	(AM) (PM)
			· · · · · ·		1	OBSERVE	D SURFACE	DATA			Duration of Shut-i	n_24Hours
Static / Dynamic	Orifi Siz		Circle one: Meter	Pressure Differential	al Flowing Well Head Welthead Pressure Wellhead		Tubing ead Pressure	Ouration Liquid Produced				
Property	(Inch		Prover Pressur psig (Pm)	in Inches H ₂ 0	t	t	(P _w) or (P ₁)	or (P _c)	(P _w) o	r (P ₁) or (P _e)	(Hours)	(Barrets)
Shut-In							130	рана	poig	рзи		
Flow												
						FLOW STR	EAM ATTRIE	BUTES				<u> </u>
Plate Coeffieci (F _b) (F	ient	Pro	Circle one: Meter or over Pressure	Press Extension	Grav Fac	or T	Flowing Temperature Factor	Fa	ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fee Barrel)	Flowing Fluid Gravity
Mcfd			psia	· · · · · · · · · · · · · · · · · · ·			F _{ft}	<u> </u>	pν	(Mercy)	Julion	G _m
<u> </u>					(ODEN EL	DW) (DELIV	ERABILITY)	CAL C1!!	ATIONS			
(P _c) ² =		,	(P _w) ² =_		P _d =		•	- 14.4) +			(P _a)² (P _d)²	= 0.207
· •/ - <u></u>	· [<u>-</u> -	1	hoose formula 1 or 2			Backpress			<u>-</u>	(, 9)	
(P _c) ² - (F or (P _c) ² - (F	٠ ا	(P	(P _w) ² - (P _w) ²	1. $P_a^2 - P_a^2$ 2. $P_a^2 - P_a^2$	LOG of formula 1, or 2, and divide	0,00	Slope	= "n" 	n x	rog	Antilog	Open Flow Deliverability Equals R x Antilog
			a	Mided by: $P_0^2 - P_w^3$		Pcs · Pms	Standar		_			(Mcfd)
											 	
Open Flor	N		· · · · · · · · · · · · · · · · · · ·	Mcfd @ 14.	65 psia		Deliverabili	ty			Mcfd @ 14.65 psia	3
The u	ındersi	igned	d authority, on	behalf of the	Company, s	tates that h	e is duly autl	norized to	make th	ne above repo	rt and that he has	s knowledge of
the facts s	tated th	herei	n, and that sai	d report is true	and correc	t. Executed	this the 12		day of <u>J</u>	uly		, 20 <u>11</u> .
									M	51		Dro
	•		Witness (if	any)		·	_			For C		RECEIVED-
			For Commis	sion						Chec	ked by	AUG 0 2 2011

	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						
	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						
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.						
	reby request a one-year exemption from open flow testing for the McCall 33-4						
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						
l fur	ther agree to supply to the best of my ability any and all supporting documents deemed by Commissio						
staff as	necessary to corroborate this claim for exemption from testing.						
Date: 0	7/12/2011						
	Signature:						
	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.

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