Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:			. ((See Instruc	tions on Reve	erse Side	e)						
Op	en Flow			Test Date	۰.			ΛDI	No. 15					
De	liverabilty			11/29/2					7-21169-000	ס				
Company Mid-Con		nergy Operatir	ng Company			Lease Edith Dav	vis		· · • •	1	Well N	umber		
County Barber	٧.	Location Location	on I	Section 1		TWP 33S		RNG (E	(W)		Acres Attributed 160			
Field				Reservoi Mississi				Gas Gat Oneok	thering Conne	ection				
Completion 05/31/19				Plug Bac	k Total Dep	th		Packer S	Set at					
Casing S 4-1/2"	ize	Weight 10.5	_	Internal [Diameter	Set at 4582		Perfo 458	rations 2'	т _о 4585 (ОН)				
Tubing Si 2-3/8"	ize	Weight		Internal [Diameter	Set at 4580		Perfo	rations	То	<u>`_</u>			
Type Con Single (npletion (E	Describe)		Type Flui Oil& W	id Production	n		Pump Ui Yes	nit or Traveling	Plunger? Yes	ger? Yes / No			
-	_	nnulus / Tubing)	% C	Carbon Dioxi	ide		% Nitrog	jen	Gas G	Gas Gravity - G _g			
Annulus					Droo	Tana				/Mates	Dun /			
Vertical D 4585'	ehui(H)				Pres	sure Taps				(weter	Hun) (F	Prover) Size		
Pressure	Buildup:											(AM) (PM)		
Well on L	ine:	Started 11/2	9 20	13 _{at} 9		(AM) (PM) 1	Taken		20	at	at (AM)			
					OBSERVE	D SURFACE	DATA		_	Duration of Shut	-in	24 Hours		
Static / Dynamic Property	Oritice Size Meter Differential (inches) Prover Pressure in psig (Pm) Inches H ₂ 0			Flowing Temperature t	Well Head Temperature I	Casin Weilhead P (P_w) or (P_t)	ressure	Wellhe	Tubing ead Pressure r (P _t) or (P _c)	Duration (Hours)		uid Produced (Barrels)		
Shut-In		psig (Pm) Inches				psig 60	psia	psig	psia psia		_			
Flow				-										
					FLOW STR	REAM ATTRIE	BUTES							
Plate Coeffied (F _b) (F Mcfd	ient p) Pi	Circle one: Meter or Prover Pressure psia Press Extension P _m x h		Gravity Factor F _g		Flowing Temperature Factor F ₁₁	Fa	viation actor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m		
				-		ERABILITY))² = 0.2	207		
P _c) ² =	 :	(P _w) ² =_	hoose formula 1 or 2;	P _d =		$\overline{}$		+ 14.4 = <u> </u>	 :	(P _d) ² =			
(P _c) ² - (F or (P _c) ² - (F	P _a) ² ($(P_c)^2 - (P_w)^2$ 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$		LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Assi	= "n" or gned	n x	LOG	Antilog	De	Open Flow Deliverability Equals R x Antilog		
		d	ivided by: P_c^2 - P_w^2	by:	<u> </u>	Standar	a Slope				+	(Mcfd)		
											<u> </u>			
Open Flo	w			Deliverabili	ty		Mcfd @ 14.65 ps	d @ 14.65 psia						
The u	undersigne	ed authority, on	behalf of the (Company, s	states that h	e is duly auti	norized 1	to make th	ne above repo	rt and that he h	as knov	vledge of		
ne facts s	tated there	ein, and that sai	d report is true	and correc	t. Executed	this the 25t	<u>h</u>	day of	August	KANSAS	Rec	:elved4 ATION COMMISS		
	b llu	n Urde	erd			۴_		<u> </u>		?		D-4-2014		
		Witness (if				· 		-		CON	ISERVAT	ION DIVISION		
		For Commis	noisi						Chec	ked by		ITA, 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 Mid-Continent Energy Operating Come 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 Edith Davis #1 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: 08/25/2014 Signature: Received KANSAS CORPORATION COMMISSION Title: President SEP 0 4 2014 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.

2013 WELL INVENTORY

Lease Name	Wel No	API NO	Year Drilled	Year Resp	Depth	County	Sec	Twn	Rng	Rng Dir	Q4	Q3	Q2	Q1	Ft from NS	NS	Ft From EW	EW	Well Type	Well Status	Oil_Lease_ Codes		Latitude	Longitude	Datum
BLOUT	1	15-12920207	1975		3500	MORTON_	33	33	43	W				SE					Gas	 _PROD					
EDITH DAVIS	1	15-00721169	1981	1999	4582	BARBER	1_	33	11	W	С	SE	sw		660	N	3450	W	Gas	PROD					
EDITH DAVIS	_1A	15-00730294	1966	1999	4563	BARBER	12	33	12	W	С	NE	NW		660	s	1980	Е	Oit	PROD					
KIRKBRIDE	1	15-00721123	1995	1999	4656	BARBER	19	32	12	W	Е	w	SE	sw	430	s	300	E	Oil/Gas	PROD					
ВАНМ	1-21	15-10122246	2010	2010	4700	LANE	21	19	27	W	sw	NE	SE	SE	915	s	340	Е	Oil	PROD					
BIER	1-27	15-10122275	2011	2011	4700	LANE	27	19	27	Е	SE	NW	NE	NW	345	N	1778	W	Oil	PROD					
DOROTHY YORK	1-27	15-06321818	2010	2010	4402	GOVE	27	15	29	W	NW	sw	NW	sw	1800	s	250	W	Oil	PROD				_	:
HABIGER	1-22	15-10122236	¹ 2010	2010	4700	LANE	22	19	27	W	SW	sw	sw	NE	2426	N	2633	V	Oil	PROD					
HAMM	2	15-11920493	1981	1998	5900	MEADE	14	33	30	W	NW	SE	SW		875	s	1770	٧	Oil _	PROD					
HAMM ESTATE	1	15-11920736	1985	1985	5900	MEADE	14	33	30	W	NW	sw	SE		990	s	2310	E	Oil	PROD					
HINEMAN UNIT	1-6	15-10122207	2009	2009	4675	LANE	6	19	28	W	NE	NW	NE	NW	180	Ν	1865	W	Oil	PROD					·
SCHAUF	1-21	15-10122185	2009	2009	4700	LANE	21	19	27	W	NE	SE	SE	sw	625	S	1940	W	Oil	PROD					
SCHAUF SWD	A #1	15-10121780	2010	2010	4965	LANE	21	19	27	W	W	sw	sw		660	s	4950	Ë	SWD	Al					
SHRIVER ELEVATOR	1-27	15-10122413	2012	2012	4700	LANE	27	19	27	W	SW	NE	NW	SE	630	N	1900	E	Oil	PROD					·
SLEEPER	1-20	15-10122408	2012	2012	4700	LANE	20	19	27	W	SE	SW	NE	NE	1000	N	850	E	Oil	PROD					· · · · · · · · · · · · · · · · · · ·
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MID-CONTINENT ENERGY OPERATING COMPANY

Oil and Gas Exploration, Production and Operations

- August 26, 2014

Kansas Corporation Commission ATTN: Mr. Jim Hemmen 130 S. Market, Room 2078 Wichita, KS 67202

Re: Edith Davis #1 - API 15-007-21169-0000

Section 1 – 335 – 11W Barber County, Kansas

In response to your letter of August 13, 2014 regarding the Edith Davis #1 located in Barber County, Kansas, we are enclosing the completed Form G-2 "One Point Stabilized Open Flow or Deliverability Test".

Also, in your letter you referenced the classification of this well as shown on our 2013 Well Inventory which is filed through KOLAR. This well is a *gas* well and is shown on our well inventory (attached) as gas not oil. We have contacted Ms. Jonelle Rains and she has corrected her records to reflect this well as being *gas* not oil.

I apologize for any inconvenience this mix-up has caused and for the delay in submitting the necessary reports. If you would please let me know which reports you require and when they are due I will mark my calendar and possibly avoid this problem in the future.

Thank you for your assistance with this matter and if there is anything else you require please let me know either by mail, fax or email (jarcherd@mid-continentenergy.net):

Have a great week,

Jo Ann Archerd

Administrative Assistant

Encls. Form G-2 Corrected per email of 8/26/14

2013 Well Inventory

Received KANSAS CORPORATION COMMISSION

SEP 04:2014

CONSERVATION DIVISION WICHITA, KS