KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					(See Instruct	ions on Re	everse Side	9)			•	
= .	en Flo					Test Date	э:				l No. 15			
√ De	liverat	oilty				12/19/20					175-21813 - (0000		
Company MERIT		GY (COMPAN	Υ				Lease BUSH				B-4	Well Nu	mber
County SEWAR	D		Loca 990' Fi	ition NL & 990' FE	L	Section 35		TWP 33		RNG (E	(W)		Acres A 640	ttributed
ield VALYN				Upr		Reservoir	sing				thering Conne		<u> </u>	RECEIV
ompletic 2/02/20	on Da	te		9	<u>.</u>		k Total Dept	h	<u> </u>	Packer : 4372'	Set at			DEC 27
asing S			Weig 15.5			Internal C	Diameter	Set -			orations 0'	то 4460'	K	CC WIC
ubing Si	ze		Weig 4.7#	•		Internal E	Diameter	Set 436		Perfo	prations	To NA		
ype Con			escribe)			Type Flui	d Production				nit or Traveling	Plunger? Yes	/ No ES	
roducing	-	(Anr	nulus / Tubia	ng)		% C	Carbon Dioxi	de		% Nitro	gen	Gas Gi	avity - G	G G
ertical C		1)			-			sure Taps				•	Run) (Pr	over) Size
870'		•	12	/19/12		11 0	FLAN 9:00 AM			2/20/12		2 11 9:00 A	M	
ressure	Buildu		Shut in 12									11 _{at} 9:00 A		AM) (PM)
ell on L	ine:		Started		_ 20	at		(AM) (PM)	Taken		20	at	(AM) (PM)
							OBSERVE	D SURFAC	E DATA	,		Duration of Shut-	in	Hours
tatic / namic operty	Orifi Siz (inch	e	Circle one: Mater Prover Press psig (Pm	Differenti	al]	Flowing Temperature I	Well Head Temperature t	Wellhead (P,,) or (F	sing Pressure 	Wellhe	Tubing ead Pressure or (P ₁) or (P ₂)	Duration (Hours)		i Produced Barrels)
Shut-In	.38		pvg (·····	,	2-			psig	psia 435	psig	psia 16	24		
Flow														
						,	FLOW STR	EAM ATTR	RIBUTES					
Plate Coeffiect (F _b) (F Mcfd	ent ,)		Circle one: Meter or ver Pressure psia	Press Extensio		Grav Fact F _g	lor T	Flowing emperature Factor F _{rt}	Fa	iation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
)² =		_:	(P _w) ² :	= ;	(OPEN FLO	OW) (DELIVI 		') CALCUL P _e - 14.4) +		:	(P _a) (P _d)	² = ´0.20)7
(P _c)² - (F or (P _c)² - (F	-	(P	(_c)² - (P _w)²	1. $P_c^2 \cdot P_d^2$ 2. $P_c^2 \cdot P_d^2$ divided by: P_c^2	!	LOG of formula 1. or 2. and divide by:	P. 2 . P. 2	Slo	essure Curve pe = "n" - or signed lard Slope	пх	rog	Antilog	Deli Equals	en Flow verability R x Antilog Mcfd)
on Ela				Matel & a	14.61	5 neis		Delivere				lotel @ 14.55 = -		
Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia 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														
		_	•					•			e above report	and that he ha		edge of
racts st	ated ti	ereir	n, and that s	said report is t	rue a	ana correct	. Executed	inis the		day of <u>-</u>	MC	P	2	, <u></u>
			Witness	(if any)				-			For Co	mpany	. •	<u></u>
			For Comi	mission				_			Checki	ed by		

	$\mathcal{S}(t)$ g eclare 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 MERIT ENERGY COMPANY
and tha	t 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
	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
The	reby request a one-year exemption from open flow testing for the BUSH B-4
gas we	I 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 fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissic
staff as	necessary to corroborate this claim for exemption from testing.
Date: _1	2/26/2012
	3
	\wedge
	Signature: MCkey Patrick

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.

MID		18985		CompletionName	Name	Bush B-4 (Marmaton B) F(Type	maton B) F(Type		Gas		Producing Method	hod
API		151752181300						Producing Status		Producing Gas	Gas	Route	
State		Kansas		County		Seward		State Plus Regulatory Field	atory Field	Evalyn		Accounting 1D	
Cost Center		1001032190	200 Sept. 100 Se	Aries Case	N.		1 20 20 20 20 20 20 20 20 20 20 20 20 20		ŀ				
Weekly Average	Weekly Average Production Information for Bush B-4 (Marmaton B) F0027	ormation for Bu	sh B-4 (M.	armaton B)	F002,	がない。					を持ていた。		
			Gas										
,	Gas Prod	Plan Gas	Sales	Var Gas	Plan Oil	Oil Prod	Var Oil	Plan NGL	NGLS	Var NGL	Plan BOE	BOE	Var BOE
12/20/2012	25.3	0.0	25.3	25.3	0.0	O,	0.0	0.0	0.0	0.0	•	4.2	4.2
12/13/2012	28.6	0.0	28.6	28.6	0.0			0.0	0.0	0.0	•	4.8	
12/6/2012	33.7	0.0	33.7	33.7	0.0		0.0	0.0	0.0	0.0	•	5.6	5.6
11/29/2012	37.0	0.0	37.0	37.0	0.0	O.		0.0	0.0	0.0	•	6.2	
11/22/2012	43.0	0.0	43.0	43.0	0.0		0.0	0.0	0.0	0.0	•	7.2	7.2
11/15/2012	49.7	0.0	49.7	49.7	0.0			0.0	0.0	0.0	•	8.3	
11/8/2012	57.1	0.0	57.1	57.1	0.0			0.0	0.0	0.0	•	9.5	
11/1/2012	65.6	0.0	9.59	9.59	0.0			0.0	0.0	0.0	•	10.9	-
10/25/2012	77.4	0.0	77.4	77.4	0.0			0.0	0.0	0.0	•	12.9	12.9
10/18/2012	96.4	0.0	96.4	96.4	0.0				0.0		•	16.1	16.1
10/11/2012	120.7	0.0	120.7	120.7	0.0				0.0		٠	20.1	20.1
10/4/2012	160.0	0.0	160.0	160.0	0.0				0.0		•	26.7	
9/27/2012	158.0	0.0	158.0	158.0	0.0				0.0		•	26.3	
9/20/2012	216.4	0.0	215.4	216.4	0.0			0.0	0.0		•	36.1	36.1
9/13/2012	277.4	0.0	277.4	277.4	0.0		0.0	0.0	0.0	0.0	•	46.2	
9/6/2012	350.4	0.0	350.4	350.4	0.0			0.0	0.0	0.0	•	58.4	58.4
8/30/2012	389.4	0.0	389.4	389.4	0.0		0.0	0.0	0.0	0.0	٠	64.9	6.9
8/23/2012	408.0	0.0	408.0	408.0	0.0		0.0	0.0	0.0	0.0	٠	68.0	68.0
8/16/2012	461.7	0.0	461.7	461.7	0.0		0.0	0.0	0.0	0.0	٠	77.0	77.0
8/9/2012	336.7	0.0	336.7	336.7	0.0			0.0	0.0	0.0	٠	56.1	56.1
8/2/2012	o.	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	٠	0.0	0.0
7/26/2012													
7/19/2012													
7/12/2012													
7/5/2012												ĺ	
6/28/2012												RECEIVED	Ei Ei

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