Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

1 Sec. 16

Type Test	t:					(See Instruc	tions on Reve	erse Side)					
□ Ор	en Flo	N								• • •					
Deliverabilty				Test Date 9-15-20			API No. 15 077 - 21445-0000								
Company R & B O		as, I	nc.					Lease Muir		·	-	A2	Well Nu	mber	
Harper NW-SE 10 31S 8W					RNG (E.	(W)		Acres A	Attributed						
Field Spivey-0	3rabs-	Bas	il			Reservoir Mississi				Gas Gat One O	hering Conne	ection			
Completic 12-31-20		e				Plug Back	Total Dep	oth		Packer 8	Set at				
Casing Size Weight Internal D 5 1/2 14				rnal Diameter Set at 4522			Perfo	rations 4	To 4414	To 4414					
				nt	Internal Diame			Set at		Perforations		То			
Type Con	npletion) (De				Type Fluid	d Productio	n		Pump Ui	nit or Traveling Unit	Plunger? Yes	/ No		
Producing		(Anr	nulus / Tubin	g)			arbon Diox	ide		% Nitrog		Gas Gr	avity - (à,	
Vertical D)					Pres	ssure Taps				(Meter	Run) (P	rover) Size	
Pressure	Duilda		9-1	5		15 _{at} 3:	00		Fateam	·		, at			
Well on L			Started 9-1	5		15 at 3:						at			
				<u> </u>	_		OBSERVE	ED SURFACE	DATA			Duration of Shut-	in 24	Hours	
Static / Dynamic	Orifi Size		Circle one: Meter	Pressu Different	iai	Flowing Cemperature	Well Head	Casir Wellhead P	ng ressure	Wellhe	Tubing ad Pressure	Duration-	Liqui	d Produced	
Property	(inche		Prover Press psig (Pm)	ure in Inches h	J	t	t	(P _w) or (P _t)	or (P _c) psia	(P _w) o	r (P _L) or (P _c) psia	(Hours)	(1	Barrels)	
Shut-In					_		_	280		-					
Flow	l <u>. </u>							<u>l</u>					<u>L_</u>		
r——			_			1	FLOW ST	REAM ATTRI	BUTES						
Plate Coeffiecient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh		Gravity Factor F ₉		Temperature		viation Metæred Flor actor R F _{pv} (Mcfd)		(Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
										ï					
45.10			4- 10		(•	. ,	/ERABILITY)					 ² = 0.2	07	
(P _c) ² =		<u>-</u> :	(P _w) ² :	Choose formula	: 1 or 2:	P _d = .		<u>_</u>	- 14.4) +		—— [:]	(P ₄)	<u> </u>		
$(P_a)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c)²-(P _w)²		1. P _c ² -P _a ² 2. P _a ² -P _d ²		LOG of formula 1. or 2. and divide P.2. P.2		Sackpressure Curv Slope = "n" or Assigned		n x LOG		Antilog	Deli Equals	Open Flow Deliverability Equals R x Antilog	
-				divided by: P _c ²	- P _w	by:		Standar	rd Slope					(Mcfd)	
		_			-										
Open Flo	w	Mcfd @ 14.65 p				psia		Deliverability				Mcfd @ 14.65 ps	14.65 psia		
The t	undersi	gned	d authority, o	n behalf of	the C	Compan y , s	tates that I	ne is duly aut	horized to	o make ti	ne above repo	rt and that he ha	ıs know	ledge of	
the facts s	tated th	nerei	n, and that s	aid report is	true a	and correct	. Executed	d this the $\underline{\mathcal{L}}$	2_1	day of	October ,		, ;	₂₀ <u>15</u> .	
			Witness	if any)	_		Receive	ed	<i>7</i> c	ve s	- Don	Annany .	2		
					_		CORPORATION	N COMMISSION				company <			
			For Com	inasiOil		D	EC 04	2015			Chec	ked by			

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 R & B Oil & Gas, Inc. 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 Muir A2
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
Received KANSAS CORPORATION COMMISSION DEC 0 4 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.