Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:					(See Instruc	ctions on Rev	erse Side)					
_	en Flow liverabil	V SIII	ut-in essure	1	est Date	: 11 - 3	80-01		API	No. 15 _	103-21,09) 1 5 0))	
Company		Resou	rces, I	nc.			Lease Gruende	 el				Well No	umber #3	
County Leav		Loc	ation /2,S/2,	S	Section 1 2	 2	TWP T10S		RNG (E R22E	M)			Attributed 4 0	
Field		<u> </u>	<u>'</u> '		leservoir				Gas Gat	hering Conni	ection			
Fair	mour	nt		Мс	Lout	:h					ssion Co	rp.		
Completion	on Date				_	k Total Dept	h	· -	Packer S	Set at				
12-2					92'									
Casing Size Weight			lr	nternal C	iameter	Set at		Perto	rations 1	To 12	1001			
4 1/2" 10.5# Tubing Size Weight Internal Di				1192 '			1092' - 1100' Perforations To							
•		4.	•	"	1080				1 6116	i Buons				
		(Describe)	<i>,</i> ц	Т	ype Flui	d Production			Pump U	nit or Travelin	g Plunger? Yes	/ No-	•	
Gas				. Wa	ter	(Nil)					ump			
Producing	g Thru (/	Annulus / Tubir	rg)	0,	6 Carbor	Dioxide			% Nitrog	en	Gas Gr	ravity - C	3,	
Annu				<u>. Ni</u>	.1				Nil					
Vertical 0						Press	ure Taps				(Meter I	Aun) (R	2" Size	
Pressure	Buildup	: Shut in 1	1_29_20	01 _	at{	3.:0.5	. (AM) (PM)	Taken1	1-30	-2001 +	at _8:1:1	<u> </u>	(AM) (PM)	
Well on L	ine:	Started		19	at		(AM) (PM)	Taken		19) at	i	(AM) (PM)	
 ,	,	.,				OBSERVE	D SURFACE	DATA	.,		Duration of Shut	in <u>2.4</u>	Hours	
State /	Orifice	Circle one Meter o	1	_ F	lowing	Weil Head	Casi Wellboad F	-	•	Tubing	Duration	Liqui	id Produced	
Dynamic	Property inches		Prover Pressure in (h)		rperature t	Temperature t	Wellhead Pressure (P_) or (P,) or (P,)		Wellhead Pressure (P_) or (P _t) or (P _e)		(Hours)		(Barrels)	
		psig	Inches H	1,0	<u> </u>	`	psig	psia	psig	psia				
Shut-In		_		-			15				24	İ		
Flow														
LI			L			ELOW ST	DE AM ATTER	BUTEC	!	<u> </u>	<u> </u>			
		Curcle one:		· ·		FLOW ST	REAM ATTRI	BUIES			- 1		T _	
Plate Coeffiect		Meter or	Press Extension		Grav Fact	- 1	Flowing Temperature	l .	iation	Metered Flo			Flowing	
(F _e) (F		Prover Pressure			Faci	ior	Factor		actor R F, (McId)		(Cubic Fe Barrel)		Gravity	
Mofd		psia		-		·	F,,	<u> </u>	,				. G _*	
L <u></u>														
				(0)	PEN FLO	OW) (DELIV	'ERABILITY)	CALCUL	ATIONS		(P _a)	² = 0.2	.07	
(P _c) ² =		: (P_)		:	P _e =		% (P,	- 14.4) +	14.4 = _	:	(P _e)			
(P _a)² - (F)	(P _e) ² · (P _a) ²	1. P.2 - P.		LOG of			sure Curve	•	۲٦	1	Of	pen Flow	
or	•		2. P. ² . P.		formula 1. or 2.			or	. nx	rog	Antilog		liverability s R x Antilog	
(P _e)2 - (F	•).		divided by P	' .	and divide by:	P 2 . P 2		igned rd Slope		LJ		2400	Mold	
			<u> </u>									 		
			l			· . · · · ·		····						
			<u> </u>								·	<u> </u>		
Open Flow	v		Mcfd @ 1	4.65 ps	ia		Deliverabili	У			Mcfd @ 14.65 psia	1	-	
The u	ndersigr	ned authority, o	on behalf of the	e Compa	any, stat	es that he is	s duly authori	zed to ma	ke the ab	ove report and	d that he has know	ledge o	I the facts	
stated there	ein, and	that said repor	nt is true and c	orrect.	Execute	d this the _		day of	Dec	cember	^	•	19 200 1	
							· · · · · · · · · · · · · · · · · · · 	. = -=, •.		DP.	110	<u></u>		
·	 -	Witness	(if any)	17		<u>=:V</u> <u>=</u> C	ر 			J.J.O.	Company			
		***************************************	-	ļ	DEC	4 7 000	1	Pres	siden	C ror				
	····	For Cor	nmission			1 . 7 - £ ¥0	1 -		 	Che	cked by			
				r	ICC A	VICHIT/	P							

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exempt st and that the the best of tion and/or I herei	are under penalty or perjury under the laws of the state of Kansas that I am authorized to request atus under Rule K.A.R. 82-3-304 on behalf of the operator <u>Monument Resources</u> , <u>Inc.</u> he foregoing information and statements contained on this application form are true and correct to of my knowledge and belief based upon gas production records and records of equipment installator of type completion or upon use of the gas well herein named. By request a permanent exemption from open flow testing for the <u>Gruendel #3</u> on the grounds that said well:
	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. X is incapable of producing at a daily rate in excess of 150 mcf/D
Date: <u>De</u>	ecember 7, 200 1
	Signature:

Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.