RECEIVED

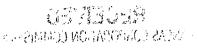
KANSAS CORPORATION COMMISSION

Form G-2 (Rev. 8/96)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

APR 1 5 2002

Type Test:					4	(See Instruc	tions on Re	verse Side,	,		_	
XX Ope	n Flow									No. 45	Ĺ	EGAL S
Doliverabilty			Test Date:		72		API No. 15 023-20328-03-06					
Company			• •		April	1, 200	JZ Lease			UZ3-7		Well Number
	y 01	oer	ating,	Inc.			Barn	hart				28-9-1
County	/ -		Locatio		Section		TWP		RNG (E	-/W)		Acres Attributed
<u>Cheye</u>	uuș.	:	NESE		28		35		42W	•		
ield					Reservoir					thering Connec	ction	
Wildo	at			<u></u> .	Niobr	ara			<u>Bit</u> t	ter Creek	<	
ompletion						Total Depti	1		Packer S			
12-1-					1614		····		N/A			
asing Siz	е		Weight		Internal D		Sot a		Perfo	orations	То	
4 <mark>호</mark> 배 ubing Siz			10.5		4.052			46'	0-4	141	8 <u>' 144</u> To	12
•	ч		Weight		Internal D	nameter	Set a	11	reno	orations	10	
V/A /pe Com;	letion	(Des	cribe)		Type Fluid	d Production			Pumn II	Init or Traveling	Plunger? Yes /	(No)
Singl					N/A	. / 10000000	•		, with O	01 ,/2101119	gu. / 100 /	•
			lus / Tubing)		% Carbor	Dioxide			% Nitrog	gen	Gas Gr	avity - G
Annul			3,		•386				5.801 .5961			
ertical De						Press	ure Taps		3,00	- •	(Mater F	Run) (Prover) Size
1655'											2" 1	Meter Run
	1		hut te	· · · · · · · · · · · · · · · · · · ·			/ALD /5:::	T-1:		4.0		
ressure E	ouidup										at	
ell on Lir	ne:	S	arted Marc	ch 31, 2	0 <u>02</u> at	8 : 00	(AM) (PM)	TakenAD	ril 1	20	02_at <u>8:00</u>) XAX U) (PM)
					·							· · · · · · · · · · · · · · · · · · ·
					,	OBSERVE	D SURFAC	E DATA	T	·····	Duration of Shut-	in Hour
itatic /	Orific	_	Circle one: Meter or	Pressure Differential	Flowing	Well Head	1	sing L Pressure	Tubing		Duration	Liquid Produced
ynamic	namic Size Prover Pressure in the			Temperature		Wellhead Pressure (P _w) or (P _t) or (P _c)		Wellhead Pressure (P _w) or (P ₁) or (P _c)		(Hours)	(Barrels)	
roperty	inche	S	psig	Inches H ₂ 0	t	1	psig	psia	peig	psia		
hut-In	-											
		\dashv	<i></i>	+			\	1				
Flow	ope.	0.	63	14	56	56	63	76	L		24	
						FLOW STE	EAM ATTE	RIBUTES				····
Plate	.		Circle one:	Press	Gra	vitv	Flowing	Des	/lation	Metered Flor	w GOR	Flowing
Coefficient Meter or		Meter or rer Pressure	Extension Factor		tor	Temperature F		actor	R	(Cubic Fe	et/ Fluid	
(F _s) (F _s Mofd	'	-10	psia	š P _m x H _m	F,		Factor F _{(i}	1	F _{ov}	(Mcfd)	Barrel)	Gravity G_
	\dashv									 		
1.57	L	7	6					L		51		
					(OPEN FL	OW) (DELIV	ERABILITY	() CALCUL	ATIONS		(P)	² = 0.207
₂) ² =		_:	(P)2 =	:	Pa=			P _c - 14.4) +		:	•	² =
	T			Choose formula 1 or a	<u> </u>		T	essure Curve		r ¬		Open Flow
(P _c)²- (P	•)'	(P)²-(P _w)²	1. P _c - P _c 2	LOG of formula		Slo	"ח"≖ eop	Пх	LOG	Antilon	Deliverability
(P _r)?- (P	a) ²			2. P _e ² -P _d ²	1, or 2. and divide	P ? - P ?		or ssigned	•		Antilog	Equals R x Antilog
				divided by: $P_c^2 - P_w$	by:	P,'-P,'		dard Slope		L J		Mcfd
						-		_]
	+			· ·. · · · · · · · · · · · · · · · · ·			+					
			<u> </u>					 			<u> </u>	
en Flow	51	l		Mcfd @ X4X	s psia 13		Deliverab	ility 51			Mcfd @XTX \$5 psi	a13
75.											445-45-4	dedee of the decision
i ne ui	naersiç	ned	authority, on	penall of the C	ompany, sta	tes that he i	s duly autho	orized to ma	ake the al	pove report and	inat ne has know	ledge of the facts
ated there	in, and	d tha	t said report i	s true and corr	ect. Execute	ed this the _	_1	day o	of	April		2682.
								17	-11	. Oss	1 no /1 n/	
			Witness (if	any)	······			V	аттвА	Operati	Company	(/,/·
								т.	om W.	Roelfs	() /112	X/N Jan L
			For Comm	ission					W •		ckeo by	par suite



TOBE JACAL SECTI	٠.	1814 - M
I declare under penalty or perjury under the laws	of the state of Kan	sas that I am authorized to request
exempt status under Rule K.A.R. 82-3-304 on behalf of	the operator Vall	ey Operating, Inc.
and that the foregoing information and statements co	ontained on this app	lication form are true and correct to
the best of my knowledge and belief based upon gas	production records	and records of equipment installa-
tion and/or of type completion or upon use of the gas		
I hereby request a permanent exemption from oper	n flow testing for the	Barnhart 28-9-1
gas well on the grounds that said well:		
(Check one)		
is a coalbed methane producer	•	
is cycled on plunger lift due to war	ter	
is a source of natural gas for inject	ction into an oil rese	voir undergoing ER
is on vacuum at the present time;		
	KCC approval Doci	(et No
is incapable of producing at a dail		
is incapable of producing at a dail	y rate in excess of 1	50 mcf/D
is incapable of producing at a dail	y rate in excess of 1	50 mcf/D The second se
is incapable of producing at a dail	y rate in excess of 1	50 mcf/D The second se
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is incapable of producing at a dail	y rate in excess of 1	50 mcf/D The second se
is incapable of producing at a dail Date: 4-1-02	y rate in excess of 1	50 mcf/D The second se
is incapable of producing at a dail Date: 4-1-02 Signature:	y rate in excess of 1	150 mcf/D The second s

Instructions:

s) ,

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.

Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Tes	t:					(See Instruc	ctions on Re	verse Side	,				
XX or	on Flo	W											
Do	livorat	oilty			Test Date	: 1,20	N2		API	No. 15	20328		
Compan	,				Abrit	1, 20	Lease			U23 -		Well Nur	nher
) ne	rating,	Inc.			Barn	hart				28-9-	
County			Location		Section		TWP	11010	RNG (E	/W)		Acres At	
Chey	enni	<u>,</u>	NESI		28		35		42W	· · · /			
Field	<u> </u>	∴.	100.01		Reservoir	7			42 W Gas Gathering Connection				
Wild	cat				Niobr					er Cree			
Completi		e				k Total Dept	h		Packer S		-		
12-1	-93	•			1614	·			N/A				
Casing S	ize		Weight		Internal D	Diameter	Set	at	Perio	rations	То		
4 호 ''			10.	5#	4.052	11	16	46 '		141	8 ' 1 4	42 •	
Tubing S	ze		Weight		Internal C		Set		Perfo	orations	То		
N/A	:											.	
N/A Type Cor	npletio	n (De	scribe)		Type Flui	d Production	1		Pump U	nit or Traveling	Plunger? Yes /	(M)	
Sing	le (Gas			N/A								
Producin	g Thru	(Ann	ulus / Tubing)		% Carbon	n Dioxide			% Nitrog	jen	Gas Gr	avity - G	
Annu					.386				5.80	1	• 59	961	ver) Size
Vertical [Depth(I	1)		7,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4		Press	ure Taps				(Mater F	Run) (Pro	over) Size
1655	•										2" 1	Neter	Run
Dragoura	Duild.		Oh. at In	40			(444) (014)	Talas -		10			
Pressure	Bullac										at		
Well on L	.ine:	9	Started Marc	ch 31, 2	002 at	8:00	(AM) (PM)	TakenAp	ril 1	, 20	02 at _8:00	X	Ж И) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in	Hou
Static /	Orif	ina	Circle one:	Pressure	Clausian	141-1111	Ca	sing		Tubing		T	····
Dynamic	Siz		Meter or	Differential	Flowing Temperature	Well Head Temperature	. 1	Pressure	1	ead Pressure	Duration	1 '	Produced
Property	inch	ies	Prover Pressur psig	re in (h) Inches H ₂ 0	t	t	(P _w) or (I	P _t) or (P _c)		or (P _t) or (P _c)	(Hours) *	(8	arrels)
			Parg	menes 11 ₂ 0		ļ	psig	psia	psig	psia		 	
Shut-In						1							
Flow	Ope	Λ.	63	14	56	56	63	76			24	0	
	Ope	<i>71:</i>	- 03		30	·	 	٠	J			1 0	
					 	FLOW STE	REAM ATTE	RIBUTES				_T	
Plate			Circle one:	Press	Grav	vity	Flowing	Dev	lation	Metered Flov	w GOR	ļ	Flowing
Coeffie	1	Pm	Meter or ver Pressure	Extension	Fac	tor	Temperature Factor		ctor	R	(Cubic Fe	et/	Fluid Gravity
(F _b) (F Moto			psia	š P _m xH _w	F,		F _{ft}	f	ρv	(Mcfd)	Barrel)	į	Gravity G
					 			 					
1.5	7		76							51			
					(OPEN FL	OW) (DELIV	ERABILITY	() CALCUL	ATIONS		(D.)	2 000	
(P _c) ² =			(P _w) ² =					P _e - 14.4) +			(P _a) [*]	2 = 0.20 2 =	17
· · · ·		<u> </u>		Choose formula 1 or 2:	P _g =		7				<u>'' a/</u>	_ 	
(P _c) ² - (P.)2	(F	(P_)2 - (P_)2	1. P.2-P.2	LOG of			essure Curve pe = "n"					n Flow
or	5			2. P.2-P.2	formula 1. or 2.			- or	. пх	LOG	Antilog		erability R x Antilo
(P _c)²- (Paje		١,	divided by: P.2 - P.2	and divide by:	P. 2 - P. 2		ssigned dard Slope	1	LJ			Vicfd
					+		1	<u>`</u>					
		1			4 47	····	1	EA					
Open Flo	w :	1		Mcfd @ ¥4%ê	s psia IJ		Deliverab	ility 51			Mcfd @X04365Cpsia	117	
The	unders	igned	authority, on	behalf of the Co	ompany, sta	tes that he is	s duly autho	rized to ma	ike the ab	ove report and	I that he has know	ledge of	the facts
					•		1					-	
tated the	rein, ar	ia the	n said report is	s true and corre	ct. Execute	d this the _		day o	·	April	***************************************		902
								Va	allev	Operati	.ng, Inc.		
			Witness (if	any)							Company		
			•					To	om W.	Roelfs			
			For Commi	ission							oked by		

exempt status under Rule K.A.R. 82-3 and that the foregoing information a the best of my knowledge and belief tion and/or of type completion or up	ry under the laws of the state of Kansas that I am authorized to request 3-304 on behalf of the operator Valley Operating, Inc. Ind. Ind
is a source of nat	nane producer ger lift due to water tural gas for injection into an oil reservoir undergoing ER the present time; KCC approval Docket No roducing at a daily rate in excess of 150 mcf/D
Date: 4-1-02	
	Signature: Jam Woeld Title: Field Foreman

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