KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:					(See Instruc	tions on Re	verse Side)					
Op	pen Fl	ow												
✓ Deliverability					Test Date: 01/25/2011 - 01/26/2011				API No. 15 15-047-20,147 -					
Company					0 1/25/	2011-01	120/2011 Lease		15)-U47-2U, I	147 - 00			
		omp	any, L.L.	C .			HAMN	1EKE				Well Nu 1-10	moer	
County Location				Section				RNG (E/	W)		Acres Attributed			
Edwards C E/2 SE SE				10				16W						
Field					Reservoi		-		Gas Gath	ering Conne	ection	,	· <u> </u>	
Embry Ext.				Missis	Mississippi			Semgas Gathering L.L.C.						
Completion Date				_	Plug Back Total Depth			Packer Se	et at					
04/28/1974					4279'			None						
_	Casing Size Weight 4-1/2" 10.5#			internal L	Diameter	Set at 4277'		Perforations 4190' - 4208'		То				
	Tubing Size Weight			Internal C	Internal Diameter		Set at		2 - 4200 ations	To		-		
2-3/8"				moma	4183'			Fello	audis	10	10			
Type Con	npletic	n (De			Type Flui	d Production			Pump Un	it or Travelino	Plunger? Yes	/ No		
Gas					Water			Pump Unit or Traveling Plunger? Yes / No Pump Unit						
Producing	g Thru	(Ann	ulus / Tubin	g)	% Carbon	n Dioxide		-	% Nitroge		Gas G	ravity - G		
Tubing													•	
Vertical D		H)				Pressu	ure Taps			···· - 1 · · · · · · · · · · · · · · · ·	(Meter f	Run) (Pr	over) Size	
						Flan	ge				2"		,	
D	D.:11-2.		Sh 01	/25/2011	9at _8:	.00		(1/25/20	11	at 8:00			
•										13		(AM) (PM)		
Well on L	ine:	5	Started 01	/26/2011	9at _8	:00	(AM) (PM)	Taken 0	<u>1/26/201</u>	<u>1</u> 19	at 8:00		(AM) (PM)	
·	-													
				=		OBSERVE	D SURFAC	E DATA			Duration of Shut	:-in24	Hours	
Static /	Orifice Size		Circle one: Mater or	1,00000.0	Flowing	Well Head	ead Casing		Tubing Wellhead Pressure			T		
Dynamic			Prover Press		Temperature	Temperature (P_) or (P,)				d Pressure (P,) or (P,)	Duration (Hours)		Liquid Produced (Barrels)	
Property			psig	Inches H ₂ 0	t t	t	psig	psia	psig	psla		ľ	, ,	
Shut-In	ļ						265				24			
					 				 			 		
Flow					<u>l</u>	<u> </u>			<u>L</u> ,,,,	<u> </u>				
						FLOW STR	EAM ATTR	IBUTES						
Plate Circle one: Press			Grav	Gravity		Flowing Do		eviation Metered Flow			Flowing			
Coefflecient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Extension	Fact	tor T	emperature		ctor	Metered Flor	w GOR (Cubic Fe		Fluid	
				š P _m x H _w	` F	,	Factor F _{rr}	F	pv	(Mcfd)	Barrel)	Gravity G	
				 										
				<u> </u>									<u></u>	
					(OPEN FL	OW) (DELIVI	ERABILITY) CALCUL	ATIONS		/D :	12 - no	07	
(우,)² =		:	(P _w) ²	= :	P _d =	9	% (F	² - 14.4) +	14.4 =	:	(P _a)) ² = 0.2 1 ² =	u r	
				Choose formula 1 or			T	ssure Curve	_			1		
(P _a) ² · (P _a) ²		(P	(P _w)² - (P _w)²	1. P ₂ - P ₂	LOG of formula		Slope = "n"		n x Le)G	A	Open Flow Deliverability		
(P,)2 - (F	2,)2			2. P _e ² -P _d ²	1. or 2. and divide	D2 D2	D 2 Assign		" " "		Antilog	1	Equals R x Antilog	
, E, , d,		di		divided by: Pc2 - P			Standard Slop			L _J		Mcfd		
				,-			+	_	-			 		
							<u> </u>					<u> </u>		
Open Flow Mcfd @ 14.65 psia							Deliverability			ĺ	Mcfd @ 14.65 psia			
T														
ine u	indersi	gnea	authority, or	n behall of the C	ompany, stat	es that he is:	duly author				I that he has know	vledge o	f the facts	
tated there	ein, ar	id tha	t said report	is true and core	ect. Execute	d this the 🖸	(87)V	L day of		inva	N/25	<u>,</u> 1	9	
										1 10 00		10.0	4.	
			Witness	(if any)			-			UUVE	Company	杌	poste	
										r.dt.	y	KEC	EIVED	
			For Com	mission			_			Cher	cked by			
											•	FEB	0 1 2011	

exempt status und and that the fore the best of my kn tion and/or of typ	der penalty or perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator F.G. Holl Company, L.L.C. going information and statements contained on this application form are true and correct to rowledge and belief based upon gas production records and records of equipment installate completion or upon use of the gas well herein named.
	rounds that said well:
(Check	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 incapable of producing at a daily rate in excess of 250 mcf/D
Date: <u>01/28/20</u>	· I <u>1 </u>
	Signature: Laveness Mponfe Title: Geologist

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.