## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instructions on Reverse Side)									
Open Flow					Test Date:				ADI	No. 15 11	9-20,752	-000	0	
De	liverat	oilty			rest Date	<b>:</b> :			API	10. 15	20,102			
Company	,						Lease					Well Nu	ımber	
	<u>0</u>	<u>1</u> _	& Gas C	orpora	tion_	Fl	oyd "	2 "				1		
County Location					Section 2		TWP 32S		RNG (E/W) 29W		. Acres Attributed			
Meade Field	=		CNW		Reservoi	<u> </u>				nering Connec	etion.			
Hockett, S.E.					Chest	er			Engle	ewood Co	rporation			
Completion Date 4 / 28 / 8 7					Plug Back Total Depth 5665 '				Packer S 5485 '					
Casing Size Weight				Internal C					rations	To				
4-1/2"				11.6#		3.995.		.5699'			5628'			
Tubing Size Weight 2-3/8" 4.7#					Internal Diameter Set at 1.995 5614'				Perfo	rations	То	•		
Type Completion (Describe) Single					Type Fluid Production Dry gas				Pump Unit or Traveling Plunger? Yes / No Yes					
		(Ann	ulus / Tubing)		% Carbon Dioxide				% Nitrogen Gas Gravity - G					
Tubir	ng									· ·	.70	00 	<u>-</u>	
Vertical Depth(H) 5 6 7 9 '					Pressure Taps Flange						3.0	00	rover) Size	
Pressure Buildup: Shut in 08/20/2014 at						:10pm	(AM) (PM)	Takeri	08/21,	/2014 19	at12:0	00pm	(AM) (PM)	
Well on Line: Started19														
				· · · · · · · · · · · · · · · · · · ·		OBSERVE	D SURFACI	E DATA			Duration of Shut	-in	Hours	
Static / Ori Dynamic Si Property incl		fice Circle one.		Pressure	Flowing	Well Head	Casing		Tubing			T		
			Meter of Prover Pressure	Differential in (h)	Temperature	Temperature	mperature Wellhead Pres			ad Pressure	Duration (Hours)	1 '	Liquid Produced (Barrels)	
		psig psig		Inches H <sub>2</sub> 0	t	t	psig	psia	psig	psia	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
Shut-In										310	23			
Flow	•	-						<del></del>	<u> </u>					
					· · · · · ·	FLOW STR	EAM ATTR	IBUTES						
Plate Circle one:			Press	Grav	vitv	Flowing Deviat		iation Metered Flow		, GOR		Flowing .		
Coefficient		Meter or Prover Pressure		Extension	Fac	tor T	emperature Factor	Fa	actor	R	(Cubic Fe	et/	Fluid Gravity	
(F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		psia		š P <sub>m</sub> x H <sub>w</sub>	F,	F <sub>11</sub>		'	F <sub>pv</sub> i	(Mcfd)	Barrel		Gravity G <sub>m</sub>	
				-	+		,							
	!		<u> </u>		(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL			/P '	2 - 03	207	
$(P_e)^2 = $ : $(P_w)^2 = $ : $(P_d)^2 = $ : $(P_d$														
	$\Box$		Choose formula		v 2:		Backpressure Curve					Open Flow		
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>	LOG of formula		Slope =		_ n x	LOG	Antilog	De	Deliverability	
$(P_c)^2 - (P_d)^2$		1		2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	1. or 2. and divide	1 1		signed					Equals R x Antilog Mcfd	
			- a	rided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	by:		Starius	ard Slope				-		
					<del> </del>		<u> </u>			· · · · · · · · · · · · · · · · · · ·		ļ. —		
				<del>,</del>	<u> </u>	<del></del>						<u> </u>		
Open Flow Mcfd @ 14.6			<del></del>			Mcfd @ 14.65 psia								
									•		that he has know	vledge (	of the facts	
stated there	ein, an	d tha	t said report is	true and corre	ct. Execute	ed this the _	RECEIVE	•	of	·			19	
			Witness (if a	ny)	<del></del>	KANSAS C	CORPORATIO		SION	For	Company	·-·		
							9.529	2014						
			For Commis	sion			126 J	2011		Cher	ked by			

CONSERVATION DIVISION WICHITA, KS

	I declare under penalty or 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 Cobra Oil & Gas Corporation										
	and that the foregoing information and statements contained on this application 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 well herein named.										
	I hereby request a permanent exemption from open flow testing for theFloyd "2" #1										
ĺ	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										
l	is on vacuum at the present time; KCC approval Docket No										
	is incapable of producing at a daily rate in excess of 150 mcf/D										
	Date:										
	$\bigcirc$ $-2/$										
	Signature: force										
	Title: Drlg & Prod Asst										
	·										
L											

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.

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