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

Type Test:					(See Instructions on Reverse Side)						15-025-20764-00-01 .0 <del>0-0</del> 0			
Open Flow				Test Date:			API N	o 15 A	<del>25 - 20 - 67</del>					
De	liverabi	ilty			resi Dale	•			ACIN	0.13	23 20 07	· , , , , , , , , , , , , , , , , , , ,	1001	
Company	,						Lease					Well N	umber	
Cobra Oil & Gas Corporat				tion		Shutt	Shutts "26"			2				
County			Locati	ion	Section		TWP			V)	Acres Attributed			
Clark			NWNWNW		26		34S	34S 24W						
Field				Reservoir			Gas Gathering C							
Color				Cheste			Packer Set at			Corporation				
Completion Date				5641 '	k Total Dep	otn	. rac		tat			. '		
Casing Size			Weigh	 nt	Internal Diameter		Set a		Perforations		То		1	
4-1/2"			11.		3.995		565		5497 <b>'</b>		5516'			
Tubing Size			Weight		Internal Diameter			Set at		itions	То			
2-3/8" 4.7#			1.995		548	5486'								
• • • • • • • • • • • • • • • • • • • •						••				_	Plunger? Yes	/ No		
				Dry Gas				No						
Producing Thru (Annulus / Tubing)				% Carbon Dioxide %				% Nitroge	n 	Ġas G • 65	avity - 0	G <sub>e</sub>		
Vertical Depth(H) 5 6 5 0 1						Pressure Taps Flange					(Meter Run) (Prover) Size 3 • 000			
Pressure	Buildup	): S	Shut in07	7/28/201	4at2	2:30pm	1 (AM) (PM)	Taken 0	7/29/2	2014 19	at12:1	5pm	(AM) (PM)	
Well on Li	ine:	s	started	19	) at		_ (AM) (PM)	Taken		19	at		(AM) (PM)	
						OBSERV	ED SURFAC	E DATA			Duration of Shut	-in	Hours	
Static / Orific		Circle one:		Pressure	I Flowing I V		Well Head Casing		Tubing Wellhead Pressure		Duration		Liquid Produced	
		Prover Pres.					'A I	Pressure	ı	or Pressure (P,) or (P <sub>c</sub> )	Duration (Hours)		(Barrels)	
Property	inches		psig	Inches H <sub>2</sub> 0	t	t	psig	psia	psig	psia	<u> </u>			
Shut-In								610		610	123			
								010		-010		+		
Flow					<u>.                                    </u>			l	L	<u> </u>	<u> </u>	⊥		
<del></del>			<del></del>	T		FLOW ST	REAM ATTR	RIBUTES						
Plate		Circle one:		Press	Gravity		Flowing	Dev	riation	Metered Flov	w GOR		Flowing	
Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> )			Meter or ver Pressure	Extension	ension Fac		Temperature Factor	_   Fa		R	I '		I Gravity	
Mcfd		psia		š P <sub>m</sub> x H <sub>w</sub>	F,	٠ . ا	F,,	F <sub>pv</sub>		(Mcfd)	Barrel	)	G <sub>m</sub>	
							•						,	
				<u> </u>	<u> </u>									
(D.)3			(0.12		•	, ,	VERABILITY	•				$)^2 = 0.3$	207	
(P <sub>c</sub> ) <sup>2</sup> =	<del>-</del>	<u>-:</u> _	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2	<del></del>			P <sub>c</sub> - 14.4) +		<del>:</del> _	(P <sub>d</sub>	)* =		
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup>		(P	<sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup>	LOG of	· · · ·		essure Curve				1	Open Flow Deliverability	
or (P <sub>c</sub> )² - (P <sub>d</sub> )²				2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	formula 1. or 2.		or Assigned		n x LOG		Antilog		ils R x Antilog	
(1 6) - (1	۵′			divided by: Pc2 - Pw	and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		dard Slope		LJ			Mcfd	
_							-				-			
				<del>-</del>	-		+					+		
Open Flov	Open Flow Mcfd @ 14.65 psia					Deliverab	ility		Mcfd @ 14.65 psia					
			authority on		· · · · · · · · · · · · · · · · · · ·	los that ha			ske the obe		<del></del>		of the facts	
											d that he has kno			
stated ther	ein, and	d tha	t said report	is true and corre			RECEIVED ORPORATION (						19	
Witness (if any)						<u> </u>	9 2 9 2014			For	For Company			
			For Com	mission		CON	SERVATION D			Che	cked by			
							WICHITA, KS	S						

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 <u>Cobra Oil &amp; Gas Corporation</u> 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 installation 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 the <u>Shutts "26" #1</u> 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  is incapable of producing at a daily rate in excess of 150 mcf/D
Date:09/16/2014_
Signature: Joyu Homp  Title: Drlg & Prod Asst

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.