For Commission

ويطند	70			K	ANSAS C	ORPORAT	ION COM	MISSION					
			ONE	POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST								Form G-2	
Type Test	Y	Open Flo	LAT	(See Instructions of Reverse Side)								(Rev: 8/98)	
	岩	Deliverab			Test Date:	3/5/14		API No. 15-	129 20645	-0000			
Company		l	<u>, </u>	Lease					Well Number				
ANADAR	KO	E&P ONS	HORE			RATZLAF	F				C-1		
County			Location	4000 EEL		Section		TWP		RNGE (E/W)	Α	cres Attributed	
MORTON Field	4		2540 FNL &	Reservoir		1		33 Gas Gathering C	Connection	41		0	
PANOMA	UN	ALLOCA	TED	COUNCIL	. GROVE			Gas Garrening C		KO GATH	IERING		
Completion Date		Plug Back Total Depth				Packer Set at							
01/27/83	}				2689					N/A			
Casing Size 4.5				Weight 10.5		Interenal Diam 4.052		Set at 2695		Perforations 2513	To	2610	
Tubing Size	•			Weight		Interenal Diam		Set at		Perforations	To		
2.375		4.7	1.995			2660		NA	NA				
Type Completion (Describe)			Type Fluid Pro	duction	Reservoir Tem	•	Pump Unit or Traveling Plunger?		r?	Yes / No			
SINGLE (Producing The			-\	WATER	% Carbon Dio	130	<u> </u>	Pumping Unit	}	Gas Gravity -	Pmp		
Casing	in (Ai	muios / Casin	9)		0.117	xide		% Nitrogen 19.635		0.754	G ₀		
Vertical Depth	h (H)	<u> </u>			Pressure Taps			(Meter Run)		(PROVER)	Size)	
2562					Flange			X		·	4		
Pressure Build	•			3/4/14		-	(AM)(PM)		3/5/14		12:00 pm	(AM)(PM)	
Welf on Line:			Started	N/A	. at	N/A	(AM)(PM)	Taken	<u>N/A</u>	. at	N/A	(AM)(PM)	
					OBSE	RVED SURF	ACE DATA		Duration of She	ut-in	24	Hours	
			Circle One:	Pressure	-		С	asing	1	Tubing		Liquid	
Static /		Orifice	Meter or	Differential	Flowing	Well Head			Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration	Produced	
Dynamic Property	- 1	Size inches	Prover Pressure psig	in (h) Inches H ₂ O	Temperature t	Temperature t	psig	(P _i) or (P _c) psia	(P _w) or (P _t J or (P _c) psia	(Hours)	(Barrels)	
Shut-In		1101100	polg	manos rigo	•	•	10	24.4	Pmp	ροια	24		
Flow	一	0.875	N/A	N/A	N/A	60	N/A	0	Pmp		N/A	0	
_					FI 01	AL OTOE AND							
Plate	i		cíe One:	Pressure	FLOV		ATTRIBUTES	<u> </u>	ι-		Flo	wing	
Coefficie	nt		eter or	Extension	Gravity	Flowing Gravity Temperature		Metered Flow	GOR		Flowing Fluid		
$(F_b)(F_p)$			r Pressure	Sqrt	, , , , , , , , , , , , , , , , , , ,		Factor	R	(Cubic Feet/		Gravity		
Mcfd	fd psia		·	((Pm)(Hw))	Fg	F _{ft}	Fpv	(Mcfd)	Barrel)		G _m		
3.723 14.4		0	1.151	1.063	1.000	0	()	0.0	000			
				(OP	EN FLOW) (DELIVERAB	BILITY) CALC	ULATIONS					
			_	•	, ,		•				(P _w) ² =0.207		
(P _c) ² =	: ;	0.595	(P _w) ² =	0	P _d =		.%	(P _c -14.4)+14.4=		·	(P _d) ² =		
(P _c) ² -(P _a) ²	2		Choose fomula 1 or 2: 1. P _c ² -P _a ²	LOG of formula			sure Curve e = "n"					r Flow erability	
		(P _c) ² -(P _w) ²	2. P _c ² -P _d ²	1. or 2.	(P _c ² -P _w ²)	·	OI	nxLC	IC()	Antilog		x Antilog	
or (P _e) ² -(P _d) ²	2	(' c) -(' w/	divided by	and divide	('c'w)		igned	"**	,G()	Attalog		cfd	
(-6, (-6)			P _c ² -P _w ²	by:		-	rd Slope						
0.388		0.595 0.652 -0.186 0.656		856	-0.1	122 0.755		0					
			. <u>.</u>					<u> </u>					
Open Flow	,				_	Deliverabilit	ty						
The unde	rsian	ed authorite	y, on behalf of t	the Company	v. states that	he is duly an	ithorized to m	ake the above	report and t	hat he has k	nowledge		
			and that said re										
									Thomas L.	Walsh			
		Mitness (if	anv)						- Homas L.	For Compa	inv		

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KCC WICHITA

Checked by

I declare under penalty or perjury under the laws of the state of Kansas that I am aut exempt status under Rule K.A.R. 82-3-304 on behalf of the operator <u>Anadarko E&P Onshore</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 herin named. I hereby request a permanent exemption form open flow testing for the Rate C-I 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 vacuume at the present time; KCC approval Docket No. X is incapable of producing at a daily rate in excess of 150 mcf/D									
Date: 3/31/14 Signature: Madeleine Blaun Title: PRODUCTION ENGINEER	_								

Instructions All active gas wells must have at least on 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 calender 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 therafter be reported yearley 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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