KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test				(See Instructions of Reverse Side)						(Rev: 8/98)	
	Open Flov	<i>N</i> .								V 1-71 -	,
	Deliverab	ility		Test Date:	3/5/15		API No. 15-	129 20351	-0000		
ompany Anadarko E&P Onshore LLC				Lease DUNKLE						Well Number C-1	
County	Location Location				Section				RNGE (E/W)	Acres Attribute	
MORTON		1980 FNL & 1980 FEL			24			41		0	
ield			Reservoir				Gas Gathering C		N/O O A TI	EDINO	
PANOMA UN Completion Date	IALLO <u>CA</u>	IFD	COUNCIL Plug Back Tot					Packer Set a	RKO GATH	ERING	
03/16/78			Fing back to	2606				Facker Set a	n/a		
Casing Size			Weight		Interenal Diam		Set at		Perforations	То	
4.5	10.5			4.052				2800 2484 et at Perforations			2575
Tubing Size 2.375	Weight 4.7			Interenal Diameter 1.995			Set at 2598			NA To	
	mpletion (Describe) Type Fluid Proc						Pump Unit or Traveling Plunger?			Yes / No	
SINGLE GAS WATER			WATER	130			Pumping Unit			Pmp	
roducing Thru (Annulus / Casing)				% Carbon Dioxide			-		-	as Gravity - G _g	
Casing /ertical Depth (H)				0.135 Pressure Taps			16.848 0.733 (Meter Run) (PROVER)			Size	
2529	,			Pipe			(Meter North		(11107211)	4	
Pressure Buildup:					(AM)(PM) Taken		· <u> </u>		11:15 am (AM)(PM)		
Well on Line:	Started N/A		<u>N/A</u>	at	: N/A	(AM)(PM)	Taken N/A		_ at	N/A (AM)(PM)	
				OBSE	RVED SUR	FACE DATA		Duration of Sh	nut-in	24	Hours
		Circle One:	Pressure	-			asing		ıbing		Liquid
Static / Dynamic	Orifice Size	Meter or Prover Pressure	Differential in (h)	Flowing Temperature	Well Head Temperature		id Pressure (P _t) or (P _c)	Weilhead (P _w) or (Duration (Hours)	Produced (Barrels)
Property	inches	psig	Inches H ₂ O	t	t	psig	psia	psig	psia	(110013)	(Daireis)
Shut-In						8	22.4	Pmp		24	
Flow	0.625	N/A	N/A	N/A	60.	N/A	0	Pmp		N/A	N/A
				FLO	W STREAM	ATTRIBUTES	5				
Plate	Circle One: Pressure		Flowing						Flowing		
Coefficient	Meter or Extension		Gravity	Temperature Deviation		Metered Flow			Fluid		
(F _b) (F _p) Mcfd	Prover Pressure Sqrt psia ((Pm)(H		ઠવાત ((Pm)(Hw))	Factor F _g	Factor Factor		R (Mcfd)	(Cubic Feet/ Barrel)		Gravity G _m	
1.927	,	14.4	0	1.168	1.063	1.000	0	0		0.000	
			(OP	EN FLOW)	DELIVERA	BILITY) CALC	ULATIONS				
(P _c) ² =	0.502	(P _w)²=	0	,	•	%	(P _c -14.4)+14.4≃			$(P_w)^2 = 0.207$ $(P_d)^2 = $	
(F _c) -	0.302	Choose fornula 1 or 2:	LOG of	. P _d =		ssure Curve	(F _c -14.4)+14.4→		<u>-</u>	,	Flow
$(P_c)^2 - (P_a)^2$		1. P _c ² -P _a ²	formula			e = "n"				Open Flow Deliverability Equals R x Antilog	
or	(P _c) ² -(P _w) ²	2. P _c ² -P _d ²	1. or 2.	$(P_c^2 - P_w^2)$	Or		nxLC)G()	Antilog		
$(P_c)^2 - (P_d)^2$		divided by and div				signed				Mcfd	
0.205	0.502	P _c ² -P _w ²	by:	224		ard Slope	0.2		0.627	0	
0.295	0.502	0.588	-0.	231	0.	878	-0.2	03	0.027	-	<u>. </u>
Onen Flour					Deliverabili	ih:	· <u> </u>		•	-	
Open Flow					Deliverabili	ity					
		y, on behalf of t and that said re							that he has l	knowledge	
									Miggins		
	Witness (if	anv)				_		Thomas R	For Compa	any	,
		• /			KANSAS CO	Received PRPORATION COM	MISSION		 	•	
For Commission				•	APR 0 9 2015			Checked by			
					CONSE	RVATION DIVISION VICHITA, KS					
					•	TOTILIA, KS					

(Rev: 8/98)

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 Anadarko Petroleum 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 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 Dunkle "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 is incapable of producing at a daily rate in excess of 150 mcf/D
Date: 3/30/2015 Signature: Charta 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.

Received KANSAS CORPORATION COMMISSION

APR 0 9 2015

CONSERVATION DIVISION WICHITA, KS