KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:						(See Ins	tructi	ons on Re	verse Side)							
√ Op	en Flo	w				To at D	ata.				ADI	No 15						
Deliverability							Test Date: 11-1-14					API No. 15 15-047-20247 0000						
Company MURFIN DRILLING COMPANY						hou who drawn of	Lease PARKER ESTA						Well Number					
County Location EDWARDS 1/2 S/2 SW				Sectio 4	Section 4			ha a bener 1964 Visial villa arbai wal'asan a ba yami	RNG (E 17W	W)		Acres Attributed						
Field FELLSB	URG		- Control - Cont			Resen	oir ISSIPPI			a creased and the miles are	Gas Gat	hering Co K	nnecti	ion .	**************************************	gang gang gang gan-gang orthogon kepada sa bahan		
Completion Date 6-8-77				Plug E 4577	Plug Back Total Depth 4577				Packer S NONE									
Casing Si 5.5	asing Size Weight .5 15.5				Internal Diameter 4.950			Set a 460		Perforations 4526			то 4543					
Tubing Si 2.375	Tubing Size Weight 2.375 4.7				Interna 1.99	ıl Diameter 5	1	Set a 454		Perfo	rations	То						
Type Con SINGLE			escribe)		recent in our recent politica and the figure is a fine	Type F WA1	iuld Produ ER	ction	n	dd barlin fawr Baultur yn d'haeffelt a gela	Pump Ur	il or Traveli	ing Pi	unger? Yes	/ No	पुरु सुद्र सद्र साथ अपूर साथ सुद्धाः अस्य राज्य साथ स्थान अस्य र		
Producing Thru (Annulus / Tubing) TUBING				0.21	Carbon D	Dioxic	le	% Nitrogen 4,235				Gas Gravity - G _g 0.6256						
Vertical Depth(H) 4535						Pressure Taps FLANGE							(Meter Run) (Prover) Size					
Pressure Buildup; Shut in 10-28-14 20					0 at					Taken 10-31-14 20								
Well on Line: Started 10-			-31-	-142	0 at	0930	(AM) (PM)	M) (PM) Taken 11-1-		-14 20		at 0930	(AM) (PM)					
							OBSE	RVE	SURFAC	E DATA			DL	ration of Shut-	n_72.	0 Hours		
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Temperat 1	' I		Wellhead	Casing Wellhead Pressure (P _w) or (P _c) psig psia		Tubing Wellhead Pressure (P,) or (P,) or (P,) psig psia		Duration (Hours)		Liquid Produced (Barrels)		
Shul-In	Shul-In								474.7	489.1	53.7	68.1	7	2.0				
Flow	оw .500 29.8			16.0		75	75 32		335.8	335.8 31.2		45.6 24		0				
							FLOW	STR	EAM ATTR	IBUTES								
Plate Coeffictient (F _b) (F _p) Mcfd		Pro	Girdia ana: Mater ot Prover Pressure psta		Press Extension ✓ P _m ×h	Gravity Factor F _g		Flowing Temperature Factor		Fa	Deviation Factor F _{pv}		Metered Flow R (Mcfd)		et/	Flowing Fluid Gravity G _a		
1.2136		44	14.20 2		6.59	1.2	1.2643		1.0632 1.0		54	43.6		NONE		0.6256		
(P _a)² ≈ 4	.6	;	(P,)²	_ 2	.1 ;	(OPEN	FLOW) (DI		ERABILITY) CALCUL 14.4) +		38.1 _:			= 0.2			
$(P_c)^2 - (P_n)^2$ or $(P_c)^2 - (P_u)^2$		(P _o) ² - (P _w) ²		2	noe formula $1 \text{ or } 2$ 1. $P_0^2 - P_0^2$ 2. $P_0^2 - P_0^2$ led by: $P_0^2 - P_0^2$	1. or and die	LOG of formula 1, or 2, and divide by:		Backpre Slo As	ssure Curve pe = "n" - or signed lard Slope	,	LOG		Antilog		Open Flow Deliverability Equals R x Antitog (Mold)		
4.43 2		2.5	53 1.		.754		0.2440		0.850		0.2	2074		1.6122		70.32		
Open Flo	w 70				Mcfd @ 14.	65 psia			Deliverat	olfity			Мо	id @ 14.65 psi	а			
		-	· ·		ehalf of the	-	-		-				•	and that he ha		rledge of		
										1				ne 47				
			Witness									M	or Com	pany 19	w	<u>د</u>		
			For Con	nmissiq	ρη		NO/	V 1	7 2014	ł			Checker	d by				

1

I declare under penalty of 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 Murbin Driling Co. Inc. and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Parker Estate*1 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 not capable of producing at a daily rate in excess of 250 mcf/D
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 1/-17-14 Signature: Thorsand Meller Title: Production Engineer

Instructions:

If a gas well meets one of 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 claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been 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 for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption IS denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

Received KANSAS CORPORATION COMMISSION

NOV 17 2014

CONSERVATION DIVISION WICHITA, KS