KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: en Flov	v			(See Instruc	ctions on Rev	erse Side) 5-0.	33-21	394-00	00C		
Deliverabilty					Test Date 11/21/10	Test Date: 11/21/10				No. 15 107-21009- (מססמ			
Com pany)ED	ATING COM	IDANV II C	·		Lease McMOR	ΛNI	<u> </u>	, ,	4	Well Nun	nber	
NOOLSEY OPERATING COMPANY, LLC County Location			Section		TWP		RNG (E/W) 16W		4	Acres At	Acres Attributed			
COMANCHE 810 FNL & 1545 FWL Field				Reservoir	8 35S Reservoir				ering Conn					
YELLOWSTONE Completion Date					MISSISSIPPI/WARSAW Plug Back Total Depth				ONEOK FIELD SERVICES Packer Set at					
1/17/05 Casing Size Weight			5519	5519 Internal Diameter Set at			NONE Perforations							
.500			10.50		4.052		5519		5270		то 5306 То			
ubing Size 2.375			Weight 4.70	•		Internal Diameter 1.995		Set at 5375		Perforations OPEN				
Type Completion (Describe)				• •	Type Fluid Production WATER			Pump Unit or Traveling Plunger? Ye PUMPING			es / No			
Producing Thru (Annulus / Tubing)				% C	% Carbon Dioxide				% Nitrogen Ga			as Gravity - G		
/ertical D)				Pres	ssure Taps				(Meter	Run) (Pro	ver) Size	
5288			11/2	0/10				11	/21/10					
•			Shut in	2) at								(AM) (PM)	
Vell on Li	.ne:		Started	2	0 at		. (AM) (PM)	Taken		20	at	(A	.M) (PM) 	
·		_	Circle one:	Pressure		OBSERVI	ED SURFACE			, h.l. n. n.	Duration of Shu	t-in	Hours	
Static / Dynamic Property	namic Size operty (inches)		Meter Prover Pressure psig (Pm)	Differential	- 1	Well Head Temperature t	Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In				Metros Figo			500	psia	psig psia 70		24			
Flow														
	<u> </u>					FLOW STI	REAM ATTRI	BUTES						
Plate Coefficeient (F _b) (F _p) Mcfd			Circle one: Meter or ver Pressure psia	Press Extension P _m xh	Extension Fact		tor Temperature		Deviation Metered Florescor R F _{pv} (Mcfd)		v GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m	
	ļ													
P _c) ² =		_:	(P _w) ² =_	:	(OPEN FLO		/ERABILITY) % (P.	CALCUL - 14.4) +		:) ² = 0.20 ₁) ² =	7	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² - P _s ² 2. P _c ² - P _d ² vided by: P _c ² - P _c ²	LOG of formula 1. or 2. and divide	P _c ² · P _w ²	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flow Mcfd @ 14.65 psia							Deliverability I			Mcfd ② 14.65 psia				
			l authority, on							above repo	rt and that he h		odge of	
			Witness (if a	ıny)			_			For C	Company		RECEI	
													・バーレビー	

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC
and that the foregone correct to the best of equipment insta	oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records diation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the McMORAN 4
	ounds that said well:
_	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
	Signature:CaQ was

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.