KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:						(:	(See Instructions on Reverse Side)							
	en Flov liverabi					Test Date	:			API	No. 15	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Company						6/9/11		Lease		154	JU/2145/		1457-80-60 Well Number	Ž
woòlś		PER	ATING CO		PANY, LLC	•			RAN G			A-4		-
COMANCHE Location COMANCHE Location					Section 17		TWP 35S			•	Acres Attributed			
Field YELLOV	vstoi	٧E	NORTH			Reservoir MISSISS					hering Conne NEOK FIELI	oction D SERVICES		-
Completion Date Plug Bac 4/8/06 5657						Total Dept	h		Packer S NONE	et at				
Casing Size Weight 4.500 10.50					Internal D 4.052	iameter		Set at 5657		rations	то 5527		•	
Tubing Size Weight 2.375 4.70				Internal D	liameter		Set at 5542		rations	То		•		
						Production		Pump Unit or Traveling PUMPING		it or Traveling	g Plunger? Yes / No			
_		(Anr	nulus / Tubin	g)			arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G _g	-
Vertical D)					Press	sure Taps				(Meter I	Run) (Prover) Size	-
5462 Pressure	Buildur	o: :	6/8	/11	20) at		(AM) (PM)	Taken 6/	9/11	20	at	(AM) (PM)	-
Well on Line:							at				20	at	(AM) (PM)	
							OBSERVE	D SURFAC	E DATA			Duration of Shut-	in Hours	- ŝ
Static / Dynamic Property	namic Size		Meter Prover Pressure		Pressure Differential in Temperature		Well Head Temperature t	emperature Wellhead P				Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	,		psig (Pm)	\dashv	Inches H ₂ 0	-		psig 125	psia	psig 205	psia	24	<u> </u>	1
Flow				\dashv				123		203		24		1
			<u> </u>		l		FLOW STR	EAM ATTR	RIBUTES	<u> </u>	_l		<u> </u>	J
Plate Coeffiec (F _b) (F Mcfd	ient ₅)	Circle one: Meter or Prover Pressure psia			Press Extension P _m xh	Gravity Factor F _a		Flowing Temperature Factor F _{r1}	perature Factor		Metered Flov R (McId)	v GOR (Cubic Fe Barrel)	Genuity	
			<u>-</u> .							l]
4D 14			(D.)3			•	OW) (DELIV		•				² = 0.207	
(P _c) ² =		<u>- </u>	(P _w) ² :	Cho	ose formula 1 or 2:	P _a = .		"	P _c - 14.4) + essure Curve		: :	(P _d)		1
(P _c) ² - (P _d) ² or (P _c) ² - (P _d) ²		(P _e) ² - (P _#) ²		;	1. P _c ² -P _e ² 2. P _c ² -P _c ² ted by: P _c ² -P _e ²	LOG of formula 1. or 2. and divide by:		Slope = "n" Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	w				Mcfd @ 14.6	55 psia		Deliveral	bility			Mcfd @ 14.65 psi	ia	-
		-	•					-			•	rt and that he ha	_	
the facts s	tated th	nerei	in, and that s	aid	report is true	and correct	t. Executed	this the		day of N	OVEMBER	2.0	20 <u>11</u> . RECEIVE	D
			Witness	(if an	у)			,		· L-	For	Company	DEC 3 0 2	-
			For Com	nissk	on						Che	cked by		
												ŀ	KCC WICH	IIA

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er penalty of perjury under the laws of the state of Kansas that I am authorized to request the Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC poing 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 allation and/or upon type of completion or upon use being made of the gas well herein named. The est a one-year exemption from open flow testing for the McMORAN A-4 counds that said well:
(Check	
Date: <u>11/13/11</u>	Signature: Whee R Hallay R. Title: FIELD MGR.

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.