KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Re	verse Side					
✓ Open Flow					Test Nate	Test Date: API No. 15 - 191 - 22504 - 0000							
Deliverabilty				6/5/13									
Company VESS OIL CORPORATION					Lease Harper				Well Number 2-31				
County Location Sumner C E/2 SW				Section 31		TWP 33S		RNG (E/W) 04W			Acres Attributed		
Field Gerberding				Reservoir Mississ				Gas Gathering Conr Atlas Pipeline		ection			
Completion Date 4/11/07				Plug Bac 4425	k Total Dep	th	Packer Set at none		et at				
Casing Size Weight 4-1/2" 10.5				Internal [Diameter		Set at Pe		ations 4	311 To	1341	_	
Tubing Size Weig 2-3/8" 4.7			Weight 4.7	Internal Diamete		Diameter	er Set at 4308'		Perforations		То	То	
Type Completion (Describe) single gas				Type Fluid Production none				Pump Unit or Traveling Plunger'			/ No	_	
Producing	·	(Ann	ulus / Tubing)		% C	arbon Diox	ide		% Nitroge	n	Gas Gr	ravity - G ₉	_
tubing Vertical D	epth(H	1)				Pres	sure Taps				(Meter	Run) (Prover) Size	
Pressure	Buildur	p: 5	Shut in 6/5	2	0 13 at 1	0:00	(AM) (PM)	Taken_6/	6	20	13 _{at} 10:00	(AM) (PM)	_
Well on L	ine:											(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	-in Hours	- rs
Static / Dynamic Property	Orifice Size (inches)		Circle one: Meter Prover Pressure		٠,	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Wellhea (P _w) or (bing d Pressure (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H₂0			750	764.4	psig	psia	24		-
Flow													
						FLOW STE	REAM ATTR	IBUTES					_
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fac F ₁	or	Flowing Temperature Factor F ₁ ,	Fa	iation ctor : pv	Metered Flov R (Mcfd)	y GOR (Cubic Fe Barrel)	Gravity	
					•		ERABILITY	•				p ² = 0.207	J
$(P_c)^2 = $	P _a) ²	(P _c) ² - (P _w) ²		: noose formula 1 or 2 1. P _c ² - P _a ² 2. P _c ² - P _d ² vided by: P _c ² - P _w ²	se formula 1 or 2: P _c ² - P _c ² C _c LOG of formula 1. or 2. and divide		% (P _c Slope or Assig Standard		l n x to		(P _d)	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flor	w			Mcfd @ 14.	65 psia		Deliverab	oility			Mcfd @ 14.65 ps	ia	_
		-	authority, on				•		day of _Jul	•	rt and that he ha	as knowledge of 20 13 RECEIVED SAS CORPORATION	COMM
			Witness (if a	iny)			-			For C	Company	AUG 0 1 2	- 2013
			For Commiss	sion			=			Chec	ked by		
												CONSERVATION D	יופועוט

l de	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request							
	tatus under Rule K.A.R. 82-3-304 on behalf of the operator Vess Oil Corporation							
and tha	the foregoing pressure information and statements contained on this application form are true and							
correct	the best of my knowledge and belief based upon available production summaries and lease records							
	nent installation and/or upon type of completion or upon use being made of the gas well herein named. eby request a one-year exemption from open flow testing for the Harper #2-31							
	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							
l fui	her 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: <u>7</u>	29/13							
	Signature: <u>Casey Costa</u>							

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

AUG 0 1 2013