KCC WICHITA

## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: ✓ Ope	en Flow				(8	See Instructi	ions on Re	everse Side				· · · · ·	
Deli		-		!**	- Test Date 3/1/11		and the second	1408		vo. 15. <b>-07</b> =1967	7-30,00	18-000/	Al war is a war w
Company CASEY N	иUSG	ROV	E OIL CO	INC		-	Lease FREEL	AND	7. 7 m	11.57	T	4	Number ***
County KINGMA	N -	 i	Location SESEN		Section 4		TWP 31S		RNG (E/V	V)	1 140		res Attributed
Field SPIVEY GRASS					Reservoir MISSISS		**	** ***		Gas Gathering Conn PIONEER		1 m	Profession
Completion Date 4/16/65					Plug Back 4459	Total Dept	h			Packer Set at NONE			•
Casing Si 4 1/2	asing Size Weight 1/2 9.5#				Internal E 4.010	iameter	Set at <b>4459</b>		Perforations 4426		†o 4433		
Tubing Siz 2 3/8	ubing Size Weight 4.7#				Internal E 2.0	iameter	Set at 4440		Perforations		То		
Type Com	pletion	(Des	scribe)	ـــر چــ د جــر-		Production	) 	موج تيد س	Pump Uni -PUMP!	t or Traveling	g Plunger?	Yes /	No
Producing		(Annı	ılus / Tubing	) .	% C	arbon Dioxid	de		% Nitroge	en	-	Gas Gravi 0.644	ty - G <sub>g</sub>
Vertical D		)				Press	sure Taps					(Meter Run	n) (Prover) Size
Pressure	Buildup	): S	hut in3/1	20	0_11_at		(AM) (PM	) Taken 3	/2	20	11 at	9:00 AM	(AM) (PM)
Well on Li	ine:	s	tarted	20	) at		(AM) (PM	) Taken		20	) at _		(AM) (PM)
,4						OBSERVE				ना ३ - एउटी। 	Duration	of Shut-in	
Static / ,Dynamic Property	Orifice Size (inches)  Circle one:  Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t t		Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Tubing  Wellhead Pressure  (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )  psig psia		Duration (Hours)		Liquid Produced (Barréls)	
Shut-In		6.	,	2	dis es		125	139.4	7.54 45	38	24		
Flow	•					<u> </u>			<u> </u>				
	- 1					FLOW STR		RIBUTES	· · · · · · · · · · · · · · · · · · ·				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		1	Orcle one: Meter or er Pressure psia	Press Extension P <sub>m</sub> x h	Grav Fac F	tor	I Tomporaturo		viation actor F <sub>pv</sub>	Metered Flo R (Mcfd)		GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>
		<u></u>							Pierotio S			-1	
(P <sub>c</sub> ) <sup>2</sup> =		•	(P <sub>w</sub> ) <sup>2</sup> =	:	OPEN FL. = P <sub>d</sub> =	OW) (DELIV		(P <sub>c</sub> - 14.4)		:		$(P_a)^2 = (P_d)^2 = (P_d$	0.207
(P <sub>c</sub> ) <sup>2</sup> - (I	•	(P <sub>a</sub>	)²- (P <sub>w</sub> )²	Choose formula 1 or 2  1. P <sub>c</sub> <sup>2</sup> - P <sub>g</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>g</sub>	LOG of formula 1. or 2. and divide		s	ressure Curv lope = "n" or Assigned ndard Slope	l n x L	.og [	Ant	ilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flo	ıw.			Mcfd @ 14.	.65 psia		Deliver	ability			Mcfd @	14.65 psia	
		gned	authority, o	n behalf of the		states that h	ne is duly	authorized	to make th	e above rep	ort and th	nat he has	knowledge of
		_		aid report is tru					day of M	ARCH			, 20
			Witness (	if any)				Cass	y N	lusgra	r Company	011	Co, Inc
			For Comn					Cm	y/	ming	necked by	RE	CEIVED
			. 0. 001111					0				MAI	R 1 4 2011

	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator CASEY MUSGROVE OIL CO INC								
	oregoing pressure information and statements contained on this application form are true and								
correct to the b	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 theFREELAND #1									
	e grounds that said well:								
(Ch	neck 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 further a	gree to supply to the best of my ability any and all supporting documents deemed by Commission								
staff as neces	ssary to corroborate this claim for exemption from testing.								
Date: 3 -	9-11								
	Signature Mungum  Title: PRESIDENT								

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

MAR 1 4 2011

KCC WICHITA