

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t: .	·	ONE I	-OINT S	IABILIĄ				W OR everse Sid		/ERABILI	1 Y 1 E	:51	CONSE	RVATION DIVI
	oen Flow eliverabilty	X	Shut-i		Test Date	e: 1	L0-20	0-07		AF	PI No. 15 -1	03-20,			n' IOan a
Company	Monume	ent	Resour	ces, In	c.			Lease	N.	Норр	e		,	Well N	ımber
County Leav	enwortl	n	Location NW,SV		Section 29			TWP 8S		RNG 22F	(E/W)			Acres A	Attributed
ield					Reservoi McLou						athering Conr Transmis		Corpora	atio	n
Completi 8/	on Date 30/85				Plug Bac 1250		Depth			Packer					
_	asing Size Weight 4 1/2" 9.5#			Internal [r	Set at 1.270 ^c		Perforations 1		1152 '	T₀ 152 ' - 115'		· .	
ubing S	oing Size Weight 2 3/8" 4.7#			Internal Diameter			Set a			forations		То			
	npletion (De	escribe			Type Flui Water						Unit or ***********************************	ig PD Dage	X Yes /	MX	
roducing	Thru (Ann nulus	ulus /	Tubing)		% Carbor		•			% Nitro	gen	•	Gas Gra	avity - (9
	epth(H) 57		· · · · · · · · · · · · · · · · · · ·			Pr	ressure	e Taps				<u>:</u>	(Meter F	lun) (#2	OXEC XSize
ressure	Buildup:	Shut in	n <u>10-</u>	15 20	07at_8	:00		AM) (1821/d)	Taken 1	0-20	2(90.7 at	10:0	0	AM) (RM)x
ell on L	ne: S	Started	d t	19	at		(/	AM) (PM)	Taken		1	9 <u> </u>		(AM) (PM)
						OBSE	RVED	SURFAC	E DATA			Duratio	n of Shut-i	n	Hours
tatic / namic operty	Orifice Size inches	Size Prover P		Pressure Differential in (h) Inches H ₂ 0	Flowing Well Head Temperature t t		ature	Casing Wellhead Pressure (P _w) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		i	Duration Li (Hours)		d Produced Barrels)
hut-In								170				,	120/		
Flow										<u>.</u>		<u> </u>			
			-			FLOW	STRE	AM ATTR	BUTES			· · · · · ·			
(F _b) (F _p) Prover		Meter or Extension		Press Extension √ P _m x H _w	Gravity Factor F ₀		Tomporative		F	viation actor F _{pv}	Metered Fid R (Mcfd)	ow	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
)² =	<u> </u>		(P _w) ² =	:	(OPEN FLO		LIVEF) CALCUL		:		(P _a) ² (P _d) ²	= 0.2	
$(P_c)^2 - (P_a)^2$ $(P_c)^2 - (P_d)^2$		P _c) ² · (P _w) ² 1. P _c ² · F 2. P _c ² · F		ose formula 1 or 2: 1. $P_c^2 - P_e^2$ 2. $P_c^2 - P_d^2$ and by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P _c ² - P _w	2	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		An	tilog	Open Fi Deliverat Equals R x Mcfd	
,															
en Flow				Mcfd @ 14.6	5 psia			eliverabil	ity			Mcfd @ 1	14.65 psia		
The u	ndersigned	autho	rity, on bel	nalf of the Co	mpany, stat	es that h	ne is di	uly author	ized to ma	ake the al	oove report an	d that he	has knowle	edge of	the facts
	_			ue and corre				_	day o		Novemb			20	
		v	Vitness (if any)		·-·	_				JOUS FOI	Company		-:	······································
							_			Presi	dent				

I declare under penalty or 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 Monument Resources, Inc. and that the foregoing information and statements contained on this application form are true and correct to
the best of my knowledge and belief based upon gas production records and records of equipment instance.
tion and/or of type completion or upon use of the gas well herein named. I hereby request a permanent exemption from open flow testing for the
gas well on the grounds 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 incapable of producing at a daily rate in excess of 150 mcf/D
Date: November 15, 2007
Signature:

Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.

North Hoppe Well # 3

Operator-- Billy OII, Inc.
Operator License Number-- 05757
Operator Address-- Box 218
Operator Phone Number-- 316-537-6831
Lease-- N. Hoppee
Location-- S ½ NW ¼ 29
Township-- 8S
Range-- 22 E
County-- Leavenworth
Gas Purchaser-- Miami Pipeline Co.
Gas BTU's-- 991.098

INITIAL OPEN FLOW CALCULATION
Flowing Pressure on Prover (psi)-Shut-In Pressure on Prover (psi)-Orifice Size (14) inch) and Coefficient-Specific GravityTemperature of Gas (+459.69F)-Open Flow (MCF/D)
One-Quarter of Open Flow (MCF/D)-Adjusted State Allowable (MCF/D)--

N/A

CURRENT OPEN FLOW CALCULATION

Flowing Pressure on Prover (psi) -- 340

Shut-In Pressure on Prover (psi) -- 485

Orifice Size (inch) and Coefficient -- 657.5

Specific Gravity -- 5819

Temperature of Gas (+459.69F) -- 538.69

Open Flow (MCF/D) -- 12,626

One-Quarter of Open Flow (MCF/D) -- 3156

Adjusted State Allowable (MCF/D) -- 3156

Current Production Rate (MCF/D) -- 400

TESTER-- Dennis Baysinger Billy OIl, Inc. 316-537-6831 COMMENTS--

STATE CORPORATION COMPISSION

JAN 6 1985

CONSERVATION DIVERCN Wichita, Kansas