KCC WICHITA

7 3

Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:					(See Instruc	tions on Rev	erse Side))				
Ор	en Flo	N											
✓ De	liverab	ilty			Test Date		4 4 00 40			No. 15	$\sim \Delta \Delta \Delta \Delta$	`	
					02/13/2	2012 - 02/			15	-047-20,17		<u> </u>	
Company F.G. Ho		mn:	any, L.L.C				Lease RUDD	FSTAT	F "A"			Nell Nui 2-16	mber
County	311 00	търс	Locati	· · · · · · · · · · · · · · · · · · ·	Section	•	TWP		RNG (E	/W)		Acres At	tributed
Edward	ds		C SE		16		248		16W	, , , ,	·	10.0071	
Field					Reservoir				Gas Gat	hering Conne	ction		
Enlow					Mississ	sippi Cher	t		Semg	as Gatherii	ng L.L.C.		
Completio	on Date	,				Total Depth	1		Packer S	Set at			
RE: 05/		985			4290'				None				.,
Casing Si	ize		Weigh		Internal D	iameter	Set at 4374			rations 3'-4267'	То		
4-1/2" Tubing Si	70		10.5# Weigh		Internal D	iameter	Set at			rations	То		
2-3/8"	26		vveign	L	internal b	lanicter	4272		reno	·			
Type Con	npletion	ı (De	scribe)		Type Fluid	d Production			Pump U	nit or Traveling	Plunger? Yes /	No	
Single	(Gas)		·		SW				Pump	Unit			
Producing	Thru	(Ann	ulus / Tubing)		% Carbor	Dioxide			% Nitrog	en	Gas Gra	avity - G	9
Tubing								, v					
Vertical D	epth(H)					ure Taps				(Meter R	un) (Pro	ver) Size
						Flan	ge				2"		
Pressure	Buildu	o: 5	Shut in 02/	13/2012	9at _8:	00	(AM) (PM)	_{Taken} 0	2/13/20)12 ₁₉	at 8:00	(AM) (PM)
	•			4/2012 19			(AM) (PM)		2/14/20	12 19	at 8:00	`	A.A. (D.A.)
Well on Li	ine:	٥	tarted	18	9at		(AM) (PM)	raken _ <u></u>		19	at	(AM) (PM)
				· · · · · · · · · · · · · · · · · · ·		OBSERVE	D SURFACE	DATA			Duration of Shut-	_{in} 24	Hours
		-	Circle one:	Pressure			Casi			Tubing	Duration of Share	<u>"'</u>	110013
Static / Dynamic	Orific Size		Meter or	Differential	Flowing Temperature	Well Head Temperature	Wellhead F	Pressure	Wellhe	ad Pressure	Duration		Produced
Property	inche		Prover Pressu psig	re in (h) Inches H ₂ 0	t	t	(P _w) or (P _t) or (P _c) psia	(P _w) o	r (P _t) or (P _c)	(Hours)	(E	Barrels)
Shut-In		-					115	psia	Paig	psia	24		
Gridt-III				· ·			113	iş.	 		24		
Flow												<u> </u>	
						FLOW STR	EAM ATTRI	BUTES					
Plate	,		Circle one:	Press	Grav	rity	Flowing	Dov	iation	Metered Flov	v GOR		Flowing
Coeffied		O.	Meter or ver Pressure	Extension	Fact	or	Temperature	1	ctor	R	(Cubic Fe	et/	Fluid
(F _b) (F Mcfd		Pio	psia	š P _m x H _w	F _s	1	Factor F _{ft}	F	pv	(Mcfd)	Barrel)		Gravity G _m
			· · · · · ·					 					
								_l					
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P _a) ²	2 = 0.20	07
(P _c) ² =		_:_	(P _w) ² =	:	P _d =		% (P	14.4) +	14.4 =	<u> </u>	(P _d)	' =	
(P _c)²-(I	D \2	/5	(P _w) ² - (P _w) ²	Choose formula 1 or 2	LOG of			sure Curve		Γ٦		Ор	en Flow
l		(1	c) - (rw)	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$	formula 1, or 2.			e = "n" or	nx	LOG	Antilog	l .	verability R x Antilog
(P _c) ² -(I	P _d) ²		l	divided by: $P_c^2 - P_w^2$	and divide	P _c ² -P _w ²		igned rd Slope					Mcfd
				c w	- 		<u> </u>						
									_			ļ	
Open Flov	N			Mcfd @ 14.6	35 psia		Deliverabilit	y		•	Mcfd @ 14.65 psia	t	
									1. 46 - 46		4 4h - 4 h - h - a langu		C the feets
The u	ındersi	gned	authority, on	behalf of the C	ompany, sta	tes that he is	s duly authori	zed to ma	ike the ab	ove report and	that he has know	leage o	r the facts
stated ther	ein, an	d tha	at said report	s true and corr	ect. Execute	ed this the _		day of	·			, 1	9
			Witness (f any)	<u> </u>		_			For	Company RF	CEIV	/ED
						<u></u>		* Van				~LIV	בט
			For Comr	nission						Che	FEE	3 2 2	2012

	or perjury under the laws of the state of Kansas that I am authorized to requestR. 82-3-304 on behalf of the operator F.G. Holl Company, L.L.C.
and that the foregoing inform the best of my knowledge an tion and/or of type completio	nation and statements contained on this application form are true and correct to ad belief based upon gas production records and records of equipment installation or upon use of the gas well herein named. The statement exemption from open flow testing for the RUDD ESTATE "A" 2-16
is cycled o	ed methane producer on plunger lift due to water e of natural gas for injection into an oil reservoir undergoing ER sum at the present time; KCC approval Docket No
Date: <u>02/16/2012</u>	

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.

FEB 2 2 2012

KCC WICHITA