بالمناح مرث

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Town Table		ONL		(O /		and Cide)				Form G	i- 2
Type Test	Open Flor	**		(See Inst	ructions of Reve	erse Side)				(Rev: 6/	98)
음	•			Took Doto	21514.4		API No. 15-	120 20590	_0000		
Deliverability				Test Date: 3/5/14			AFT NO. 13-	129 20509	-0000	184-1181	
Company ANADARKO E&P ONSHORE				l.ease SMITH						Well Number B-5	
County	EAF ONS	Location	<u>.</u>		Section		TWP		RNGE (E/W)		res Attributed
MORTON	SENWSW			8			34		43	710	0
Field	Reservoir						Gas Gathering C	Connection			
INTERSTATE	=		REDCAV	E			J	HUGS V	1		
Completion Date			Plug Back Tot					Packer Set a	1		
02/18/82				1426					NA		
Casing Size	•	. Weight		Interenal Diameter			Set at 1426	Perforations 1356			
4.5					4.052			Perforations			1364
Tubing Size 2.375	Weight 4.7			Interenal Diameter 1.995			Set at 1372	NA		NA To	
Type Completion (I	Describe)		Type Fluid Production				Pump Unit or Traveling Plunger? Yes / No				
SINGLE GAS				NA	A444011		7 dinp officer 110	avening i lange		1007110	
Producing Thru (An		g)		% Carbon Dio	xide	·	% Nitrogen		Gas Gravity -	G _a	
CASING			1.27				40.674	0.798		·	
Vertical Depth (H)			Pressure Taps				(Meter Run) (PROVER)			Size	
1360					FLANGE					3	
Pressure Buildup:		Shut in		. at	10:30 am	(AM)(PM)		3/5/14	•		(AM)(PM)
Well on Line:		Started	NA	. at		(AM)(PM)	Taken	<u>NA</u>	at		(AM)(PM)
				0.00							
				OBSE	RVED SURF	 	· .	Duration of Sh		24	Hours
Static /	Static / Orifice Meter of		Pressure Differential	Flowing	Well Head	1	asing id Pressure	1	Tubing Wellhead Pressure		Liquid Produced
Dynamic	Size	Prover Pressure	in (h)	Temperature	Temperature	· ·	(P _t) or (P _c)		P _t) or (P _c)	Duration (Hours)	(Barrels)
Property	inches	psig	Inches H₂O	l 't	t	psig	psia	psig	psia	1	. ,
Shut-In	-					42	56.4			24	
Flow	1.000		NA	NA	60	NA	0		_	NA _	NA
-											
		FLOW STREAM ATTRIBUTES Circle One: Pressure Flowing Flowing									
Plate Coefficient		Circle One; Meter or		Flowing Gravity Temperature D		Deviation	Metered Flow	GOR		Flowing Fluid	
(F _b) (F _p)		метег ог Prover Pressure		Factor	· I · I		R	(Cubic Feet/		Gravity	
Mcfd		psia		F _g			(Mcfd)	Barrel)		G _m	
4.912	-	14.4	((Pm)(Hw)) 0	1.120	1.063	1.000	0	0		0.000	
		· · · · · · · · · · · · · · · · · · ·	_	<u> </u>		<u> </u>					
			(OP	EN FLOW) (DELIVERAB	ILITY) CALC	ULATIONS			(D.)20.007	
(P _c) ² =	3.181	(P _w) ² =	0	P₀=		%	(P _c -14.4)+14.4=	,		$(P_w)^2 = 0.207$ $(P_d)^2 = $	
r- i	3, 101					<u> </u>	T (1 6-14:4) 14:4-			Open	Flance
(P _c) ² -(P _a) ²		Choose formula 1 or 2: 1 1. P _c ² -P _a ²	LOG of formula			sure Curve e = "n"				Delive:	
or	(P _c) ² -(P _w) ²	2. P _c ² -P _d ²	1. or 2.	$(P_c^2 - P_w^2)$	Slope = "n" or		n x LOG()		Antilog	Equals R x Antilog	
(P _c) ² -(P _d) ²	(' C/ -(' W/	divided by	and divide	(, C -, M)	Assigned		11,200()		raining	Mo	•
(6, (6)		P _e ² -P _w ²	by:		l	rd Slope					
2.974	3.181	0.935		029	0.850		-0.025		0.945	1 0	
				•							
							'		I.	<u> </u>	
Open Flow		0	Mcfd @ 14.	65 psia	Deliverabilit	ty		Mcfd @ 14	.65 psia		
										•	
		y, on behalf of t							hat he has l	knowledge	
of the facts state	ea tnerein, a	and that said rep	port is true a	ına correct.	executed this	this the 5th c	ay of March 20	714			
				_			Thomas L. Walsh				
Witness (if any)								For Company			
					K	CC WIC	CHITA				
	For Commi	esion		-					Checked b	v	
	i oi comin	331011				APR 02	2014		OUGGVER D	J	
•							LUIT				

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I declare under penalty or perjury under the laws of the state of Kansas that I am aut exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Anadarko E&P Onshore 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 installation and/or of type completion or upon use of the gas well herin named. I hereby request a permanent exemption form open flow testing for the SINIM B -5 gas well 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 vacuume at the present time; KCC approval Docket No X is incapable of producing at a daily rate in excess of 150 mcf/D								
Date: $\frac{3/31/14}{}$								
Signature: Madeleine Broun								
Signature: Madelum Brown Title: Production Engineer								
•								

Instructions All active gas wells must have at least on 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 calender 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 therafter be reported yearley 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.

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