## 15-167-01022-00-01

## STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

## PRODUCTIVITY TEST BARREL TEST

OPERATOR	Frontier Die	Co.	LOCATIO	N OF WELL	5E 54	25 W	
LEASE	abbatt		OF SEC.				
WELL NO.			COUNTY				
FIELD	unnamed	,	PRODUCING	,			
	Date Taken						1 198
Well Dep	th 3368	Top Prod	1. Form Lansing	Perfs	3/12	-8%	
Casing:	Size 45	Wt. 9	Dept Dept	h_ <i>3380</i>	Acid	NA	
Tubing:	Size <u>23</u> 8	Depth of	Perfs_ 336	14	— —— Gravity	35 @	710
Pump:	Type insert	Bore	X14 X 10		Purchase	clear (	Prock
	tus <u>Pum</u>	rina					
	Pumping, f1	owing, etc.					
					DATA		
			Permanent $\chi$	Field	<u> </u>	Special	
STATUS B	EFORE TEST:		Flowing	Swabb	ing	Pumping	<u> </u>
0111100 21	PRODUCED 24	HOURS					
	SHUT IN None	<del></del>					
DURATION	OF TEST 2	<del></del>	- WINIMPO		G. T. G. 177 - G		
	WATER 20.8				SECONDS		
	• • •		<del></del>				
	UID PRODUCTION RAY			<u></u>	· · · · · · · · · · · · · · · · · · ·	<del> </del>	
	ODUCTION RATE (BAD						
	UCTION RATE (BARR)	. —	<u> </u>			PRODUCTI	VITY
	PER MINUTE						
	F STROKE 5						
	PRODUCING SCHEDULI	24	HOURS F	PER DAY.	•		
COMMENTS_							
				<del></del>			
VITNESSES	S:			7			
Non	- 711	/.	. [] M/k				
FOR STATE	Jame	<u> </u>	FOR OPERATOR	My	- · - · - · · · · · · · · · · · · · · ·	FOR OF	
	Dolon		· ·	B P A	Part 162-4	ION OF	

RECEIVED STATE CORPORATION COMMISSION

JUN 2 8 1989 6-28-1989 CONSERVATION DIVISION Wichita, Kansas

## STATE OF KANSAS - CORPORATION COMMISSION PRODUCTION TEST & GOR REPORT

Pretest: Starting Date Time  Ending Date Time  OIL PRODUCTION OBSERVED DATA  Producing Wellhead Pressure Casing: Tubing:  Bbls./In. Tank Starting Gauge Size Number Feet Inches Barrels Feet Inches Barrels Water  Pretest:  Test:  GAS PRODUCTION OBSERVED DATA  Pretest:  Test:  GAS PRODUCTION OBSERVED DATA  Driffice Meter Connections Pipe Tans: Flange Tans: Gas Production Observed DATA  Driffice Meter Connections  Differential: Static Pressure: Measuring Measuring Measuring Measuring Measuring Measuring Measuring Tester Size Size Tin.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Orifice Meter- Critical Flow Prover Orifice Meter-Prover  GAS FLOW RATE CALCULATIONS (R)  Coeff. MGFD Meter-Prover  Extension Gravity Flowing Temp. Deviation Chart	Conservat	ion	Div:				ورجه المستراط المستراط							Form	<u>C</u> –	5 Revis
County Location Section Township Range Acres  Field Reservoir Pipeline Connection  Completion Date Cet Type Completion(Describe) Flug Eack T.D. Packer Section Production Method: Type Fluid Production API Gravity of Liquid Flowing Pumping Cas Lift Lasing Size Weight I.D. Set At Perforations To  Fretest: Time Ending Date Time Duration Flest: Duration Data  Fretung Date Time Ending Date Time Duration Starting Date Time Duration Starting Date Time Separator Pressure Casing: Tubing:  Separator Pressure Casing: Tubing: Separator Pressure Choke Size Casing: Tubing: Starting Gauge Ending Gauge Net Prod. Bt  Fretest: Gas PRODUCTION OBSERVED DATA  Fridge Meter Connections Casing: Flange Taps: Differential: Static Pressure: Pest: Differential: Static Pressure: Casing: Flange Taps: Differential: Static Pressure: Casing: Cas FLOW RATE CALCULATIONS (R)  Caseff, MCFD Meter-Prover Extension Gravity Flowing Temp. Deviation Chart  Caseff, MCFD Meter-Prover Extension Gravity Flowing Temp. Deviation Chart	TYPE TEST	': I	nit	ial	Annual	Workove	en a marky api page w		ssifica	ation		EST	DATE			
Field Reservoir Pipeline Connection  Completion Date Type Completion(Describe) Plug Back T.D. Packer Secribe Production Method: Type Fluid Production API Gravity of Liquid Flowing Pumping Gas Lift T.D. Set At Perforations To  Tubing Size Weight I.D. Set At Perforations To  Tubing Size Weight I.D. Set At Perforations To  Pretest: Ending Date Time Ending Date Time Duration Starting Date Time Ending Date Time Control Data  Froducing Wellhead Pressure Separator Pressure Choke Size Casing: Tubing:  Sible, /In. Tank Starting Gauge Ending Gauge Net Prod. Bt  Size Number Feet Inches Barrels Feet Inches Barrels Water Control Data  Pretest: Gas PRODUCTION OBSERVED DATA  Drifice Neter Connections Differential: Static Pressure: Cas Production Control Data  Drifice Meter Connections Differential: Static Pressure: Differential: Static Pressure: Diffice Meter Prover Data Diffice Meter Prover Data Diffice Meter Prover Diffice Meter Prover Diffice Meter Prover Data Diffice Meter Prover Diffice Mete	Company				•		Leas	6886					-	We	$\Pi$	No.
Completion Date	County	<u></u>			Location			Section Town		nshi	<u> </u>	Rang	e Ac	Acres		
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Production Method:   Type Fluid Production   API Gravity of Liquid   API Gravity of				·	Туре С	ompletion	(Descr	ibe)	<del></del>	Plu	g Bac	k T	.D.	Pa	cke	r Set A
Flowing Pumping Cas Lift Lasing Size Weight I.D. Set At Perforations To  Fretest: Starting Date Time Ending Date Time Duration  Frequency Control Of Contr	<b>~</b>			1:		T	ype Fl	uid	Product	tion		Ā	PI Gr	avity of	Li	ouid/Oi
Pretest: Starting Date Time  Finding Date  Time  Time  Finding Date  Time  Finding Date  Time  Finding Date  Time  Finding Date  Time  OIL PRODUCTION OBSERVED DATA  Producing Wellhead Pressure  Casing:  Tubing:  Size Number  Feet Inches Barrels  Feet Inches Barrels  Finding Gauge  Finding G	Flowing	Pu			as Lift											· · · · · · · · · · · · · · · · · · ·
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OIL PRODUCTION OBSERVED DATA  Producing Wellhead Pressure  Casing:  Tubing:  Bols./In. Tank Starting Gauge Ending Gauge Net Prod. Bt  Size Number Feet Inches Barrels Feet Inches Barrels Water C  Pretest:  GAS PRODUCTION OBSERVED DATA  Driffice Meter Connections Pipe Taps:  Flange Taps:  Gester Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Orifice Meter Control Cont		Date	!		Time		End	ing I	Date			Tim	е	וע	TLT	CION RE
Casing: Tubing:  Sols./In. Tank Starting Gauge Ending Gauge Net Prod. Bt  Size Number Feet Inches Barrels Feet Inches Barrels Water C  Pretest:  GAS PRODUCTION OBSERVED DATA  Prifice Meter Connections Orifice Meter Range  Pleasuring Run-Prover Orifice Meter-Prover-Tester Pressure Diff. Press. Gravity Flowing Tester Size In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Orifice Meter Connections Orifice Meter-Prover Tester Pressure Diff. Press. Gravity Flowing Tester Size Size In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Orifice Meter Orifice Meter-Prover Orifice Meter-Prover Tester Pressure Diff. Press. Gravity Flowing Temp. Deviation Chart  CAS FLOW RATE CALCULATIONS (R)  Caeff. MCFD Meter-Prover Extension Gravity Flowing Temp. Deviation Chart		والمناطقين	فنبدان عدد			OIL PRODUC	CTION	OBSEI	RVED DA		والمدار المساول الرواد		e,			
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Size Number Feet Inches Barrels Feet Inches Barrels Water C  Pretest:  GAS PRODUCTION OBSERVED DATA  Driffice Meter Connections Pipe Tang: Flange Tang:  Measuring Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Connections  Oriffice Meter Range  Differential: Static Pressure:  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Connections  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Connections  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Connections  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Oriffice Meter Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.	Casing:			Tubir	ng:	فالتنا سالمرس فيوجب										
Pretest:  Gas Production Observed Data  Orifice Meter Connections  Pipe Taba: Flange Taba: Differential: Static Pressure:  Measuring Run-Prover- Orifice Meter-Prover-Tester Pressure Diff. Press. Gravity Flowing Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Orifice Meter Critical  Flow Prover Orifice Meter-Prover Gas FLOW RATE CALCULATIONS (R)  Gas FLOW RATE CALCULATIONS (R)  Caeff. MCFD Meter-Prover Extension Gravity Flowing Temp. Deviation Chart	Bbls./In.		Ta	ınk	S	tarting Ga	auge		E	Inding Gauge			Net Pr	rod	. Bbls.	
GAS PRODUCTION OBSERVED DATA  Driffice Meter Connections Pipe Taps: Flange Taps: Differential: Static Pressure: Measuring Run-Prover-Ori'ice Meter-Prover-Tester Pressure Diff. Press. Gravity Flowing Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Driffice Meter Critical Flow Prover Driffice Well Tester  GAS FLOW RATE CALCULATIONS (R)  Caeff. MCFD Meter-Prover Extension Gravity Flowing Temp. Deviation Chart			ze	Number	Feet	Inches	Barr	els	Feet	Inc	nes	Ba	rrels			Oil
GAS PRODUCTION OBSERVED DATA  Drifice Meter Connections  Pipe Taps: Flange Taps: Differential: Static Pressure:  Measuring Run-Prover- Orifice Meter-Prover-Tester Pressure Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Orifice Meter Critical Flow Prover Orifice Meter-Prover GAS FLOW RATE CALCULATIONS (R)  GAS FLOW RATE CALCULATIONS (R)  Coeff. MCFD Meter-Prover Extension Gravity Flowing Temp. Deviation Chart	Pretest:	·														
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Measuring Run-Prover- Ori'ice Meter-Prover-Tester Pressure Diff. Press. Gravity Flowing Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Orifice Meter Critical Flow Prover Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  Caeff. MCFD Meter-Prover Extension Gravity Flowing Temp. Deviation Chart	Pipe Tape	:		Flange	Taps:			Diffe	erentia	l:		S	tatic	Pressure	<b>:</b>	
Device Tester Size Size In.Water In.Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp.  Orifice Meter  Orifice Flow Prover  Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  Coeff. MCFD Meter-Prover Extension Gravity Flowing Temp. Deviation Chart	Measuring					Meter-Pro	over-T	ester	r Press	ure	Diff	• P:	ress.	Gravity	(F)	Lowing
Meter Critical Flow Prover Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  Coeff. MCFD   Meter-Prover   Extension   Gravity   Flowing Temp. Deviation   Chart		T	este	er Size	Size	In.Water	In Me	rc.  F	osig or	· (Pa)	(hw)	or	(hd)	Gas (Gg)	Te	emp. (t)
Critical Flow Prover Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  Coeff. MCFD   Meter-Prover   Extension   Gravity   Flowing Temp. Deviation   Chart																
Orifice Well Tester  GAS FLOW RATE CALCULATIONS (R)  Coeff. MCFD   Meter-Prover   Extension   Gravity   Flowing Temp. Deviation   Chart	Critical														1	· · · · · · · · · · · · · · · · · · ·
GAS FLOW RATE CALCULATIONS (R)  Coeff. MCFD   Meter-Prover   Extension   Gravity   Flowing Temp. Deviation   Chart		er.	<del></del>		<del> </del>		<del> </del>		<del> </del>		<del> </del>				┼	
Coeff. MCFD   Meter-Prover   Extension   Gravity   Flowing Temp. Deviation   Chart		er														
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(Fb)(Fp)(OWTC) Press.(Psia)(Pm) Vhw x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor						Extension	on G	ravit	ty	Flowi	ng Te	mp.	Devi	ation	Cl	art
	(Fb)(Fp)(	OWTC	) Pr	ess.(Pa	sia)(Pm)	Vhw x Pr	n F.	actor	r (Fg)	Factor	r (Ft	.)	Fact	or (Fpv)	FE	ctor(Fo
													)			Cubic Fi
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the	The und	lersi he a	gne bove	e report	t and the	behalf of at he has	f the (	edge	of the	ates to	that s sta	he :	ther	ly author	ize tha	ıt
For Offset Operator For State For Company	For Off	set	Oper	rator		F	For St	ate				F	or Co	npany		

Form C-5 (5/88)