KANSAS CORPORATION COMMISSION MULTIPOINT BACK PRESSURE TEST

TYPE TES	T .	Initial	⊠ Ann	ual	Spec	ial		TEST	DATE: 3	-12-0	03				
COMPANY			671		<u> </u>	LEASE		WELL NO.							
Priorit	y Oil & Gas	LLC				Rueb				1-23					
COUNTY			LOCATION			SECTION	SECTION TWP			RNG ACRES					
Cheye	enne		NW/SE/S	SE		23	3s 42	w							
FIELD			RESERVOIR PIPELINE CONNECTION												
Cherry	Creek		Niobrar			Williams									
COMPLETI			PLUG BACK DEPTH 1492 PACKER SET AT												
6/23/0					AL DEPTH						TO				
CASING S 4.500		10.5	WT.	4.052	ID	SET AT 1534		1398	RF.						
TUBING S		10.5	WT.		ID	SET AT			RF.		1428 TO				
NONE											10				
TYPE COMPLETION (Describe) TYPE FLUID PRODUCTION															
	G THRU (Annu	lus/Tubing)			RESERVOIR TEMPERATURE F BAR PRESS - Pa										
casing			0.033555					14.4 psia							
.58	TTY - Gg 4		% CARBON :	DIOXIDE		% NITROGI 3.737	% NITROGEN 3.737					API GRAVITY OF LIQUID			
	DEPTH (H)					TYPE MET	ER CON	N.			METER	RUN SI	ZE		
1413	<u> </u>					Flange						2"			
REMARKS	REMARKS														
OBSERVED SURFACE DATA															
	ORIFICE	(METER)		FLOWING	WELLHE:	AD CASING W	CLLHEA	D PRESS.	TUBING W	ELLH	EAD PRESS.		LIQUID		
RATE	SIZE	PRESSURE	DIFF.	TEMP.	TEMP.		(P _w) (P _t) (P _c)			(P _w) (P _t) (F _c)		DURATI	ON PROD.		
NO.	in.	psig	(h _w) (h _t)	t.	t.	psig		psia	psig	_ _	psia	HOUR	Bbls.		
SHUT-IN						145	-	157							
2.	.750	107.00	54.00 67			120		132					24.00		
3.		1		-			+			+					
4.							+		 	\dashv					
L		<u> </u>		<u></u> F	LOW S	TREAM AT	TRIE	BUTES		L_	l				
	COEFFICIEN	T (METER)	EXTENS	TON	GRAVITY	FLOWING TEMP	DE	VIATION	RATE OF	FT.OW					
RATE	(F _b)	PRESSURE			FACTOR	FACTOR	R FACTOR		Ω Ω		GOR		G m		
NO.	Mcfd	psia	V P _m	x n _w	Fg	Ft	Fpv		Mcfd						
1.	2.779	119.	5 80	0.33	1.3086	.9933		1.0082	2	292			.584		
2.															
3. 4.			 												
					PRESSI	JRE CALCI	JI AT	ION	i						
			J	' -	550	THE OALO			PLOTTING	POTN	rs I	¥ S1	IUT-IN		
RATE	Pt	Pc	1	·w	(Pc) ²	(Pw)	2	(P _c) ² - (P _w) ²		ν ο		г	Pw - Pa		
NO.	psia	psia		sia	Thousand			Thous			efd .	100	Pc - Pa		
1.	132.5	5 157	.5	132.6				7.6 7.2			292.5		82.8		
2.															
3.															
4.															
INDICATED WELLHEAD OPEN FLOW Mcfd @ 14.65 psia "n" = .825															
						e is duly authori			bove report	and t	hat he has kn	owledge	of the facts		
Witness (if any)															
	For Com	mission									Check	ed by			

Company:	P	<u>+</u>	<i>v</i> ,	1 ½ C											
Address:	Prioxi	14-													
Wellname:	721	#	1.73	~											
Legal:	NOCO LINE W														
·	Niobrax	•		Field/Pool: Ch	/6'A.N.	, P.v.	eok			1	Cheyen	ne (St: KS.		
Casing size:	41/2"			1534	L	Wt:	10.5		Meter 1			si: 145			
Tubing Size:			Feet of:			Wt:			Orif (in)			95%	137.8		
·	1398 - 145	78	Pluged l	back depth:	149	<u> </u>	Pa	cker de	epth:	NΙΨ		90%	130.5		
Type Test:	1 Poin			Тар Туре:				_	Gravity			85%	85%		
Type Complet					Produ	ucing th	rough:	Ca		80%					
Date	Clk Tim	CSC That	9 Pres	-Cog Pres	D	iff	Temp	i	/Prover	Wat Vol1	Oil Vol	Comment			
mm/dd	clack		psi	psi		f H20	F		PSI	inch	inch		,		
	(Td2)												,		
3-11-03	1400	14	5		<u> </u>										
	. 10	142			34	f	69	10	55						
	20	20 139			98		ماها	14	20						
	1430	13	8		90	ê	64	11	05		<u> </u>	-			
	ļ <u></u>				<u> </u>		ļ	<u> </u>		 	ļ				
	ļ				 		ļ	_		<u> </u>	<u> </u>	-			
					_					<u> </u>		 			
P H H 444 4	ļ	<u></u>		L	 		<u> </u>				_	 	And the second s		
					 		<u> </u>			 					
		ļ			 		-	 			<u> </u>	 			
		ļ			 		 	 		<u></u>					
5 · · · · · · · · · · · · · · · · · · ·	}	 			 			 			 	+			
		ļ	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		-		 	 	~	 	 	<u> </u>			
3-12-03	16:15		10	 	 		, .7	 	n ~7	 	 	101			
<u>20-12-03</u>	10.10	12	KU		1.5	~	67	1	07	_	 	1 19			
- ·····.	· -··· -				+-		 	 		 		 			
fuderæfidelse sid silv-r, særgery				 	 		 	 		 	 	+			
F/ 0	riogs-Viv		— حدام	75	 			†	 ,			 			
Date	Miles Juan			Date	Miles	5	Name	Date	9	Miles	Name				
3-11-03	1.5	1	od .			<u></u>		Jal	<u>-</u>	***************************************					
- Marina Marina		17/	-UI	<u> </u>	T							1			
												1			

TYPE TES			□Initial	•			ĭAn	nual		□ Special		TEST	ST DATE:					
COMPANY	MPANY Priority Oil & C					LEASE Gas LLC Rueb					WELL NO:							
COUNTY							SECTION TWP						RNG (E/W) ACRES					
API WELL	NUMBER - 20417	-00		<u> </u>	I	eserve liob:	OIR		1211		PIPELINE CONNECTION Williams							
COMPLET			, <u> </u>		<u>+</u>	1100	PLUC	BACK L DEPTI	н 1492)	PACKER							
CASING SIZE WT.						. 5	ID	.05	SET		PERF. 1398 TO 1428							
TUBING SIZE WT.						<u>, J</u>	ID.	.05	SET /				TO	20				
	IPLETION (D	escrib	e)				TYPE	FLUID F	RODUCTIC									
PRODUCIN Cas:					F	ESERVO	OIR TE	MPERAT	URE °F	None	···			BA	R PRESS -P.			
GAS GRAV	'ITY - G.				9	CARBO	N DIC	XIDE		% NITRO	OGEN API GRAVITY OF LIQUID							
VERTICAL	DEPTH (H)				7	YPE ME		ONNECT	ION	3./	737 (MFTER RUN) (PROVER							
141.7 REMARKS						Flá	ange	<u> </u>				•						
								OBSERV	ED DATA			ī	DURATIO	ON OF SHUT-I	N HR.			
RATE	ORIFICE		METER)	DIFF. (h _w) (h _d)		FLOWING TEMP		WELL		/ELLHEAD	TBG WELLI		EAD	FLOW				
NO.	SIZE		ROVER) ESSURE					HEAD TEMP.	Psig	RESS. (P _w)(P _i)(P _c)	Psig	PRESS. (P _w)(P _l)(P _c)		DURATION (HOURS)	LIQUID PROD.			
SHUT IN	111	-	Psig		t t		t		Psia		Psia			Bbls.				
1												\vdash						
2								-										
4											 							
. 5																		
			(METE	B)	DD.	ESS	ATEC	F FLOW	CALCULA'	TIONS								
RATE NO.	COEFFICIENT (PROVEI (F _b) (F _p) PRESSUI Mcfd Psia		R) EXTENSION (FAC	GRAVITY FACTOR F _s		NG TEMP CTOR F _t			RATE FLOV Q Mcfo	W GOR	G _m					
1								•	·		. pv		Ivicio	(11 /2501	,			
2																		
4				\dashv											1			
5																		
							PRES	SURE CA	ALCULATIO									
RATE NO.	P _t P _c Psia Psia		P., Psia		(P _c) ² THOUSANDS		(P _w) ² THOUSANDS		(P _e) ² - (P _w) THOUSAND				100 (P.,	% SHUT-IN $(P_{v}-P_{s})$ $(P_{c}-P_{s})$				
I														\(\text{r}_c\)	· F.J			
2																		
3																		
5																		
INDICATED	WELLHEAD	OPE	N FLOW					Mcfd	@ 14.65 Psi	ia			"n" =	•				
of the facts	he undersign stated herein	ed au , and	thority, or that said	n beh	alf of the	e Comp and cor	any, s rect. I	tates that Executed	the is duly this the	authorized to a	make the	above	renort ar	ed that he has	knowledge , 19			
W	itness (if an	y)									-	·	For	Company				
F	or Commissi	on	·										Cher	cked By	(Rev. 10/96)			