15-023-20054-00-00

Checked by

## STATE OF KANSAS - CORPORATION COMMISSION

TYPE TO	EST:	Delivere	Open Flow TEST DATE:				1-1	14-90					
COMPAN	Y		<del>بەدىنىدىنىدىنىدىنىدىنىدىنىدىنىدىنىدىنىدىن</del>		ASE (				WELL NO.				
	2050		uto.		<u> </u>	Pueb-t	om	<u>us</u>		1-2			
COUNTY	6	L	OCATION :			BECTION 2	N	5	S	42W.	ACRES		
FIELD _	nege		RESERVOU				PI		E CONNEC	TION	· · · · · · · · · · · · · · · · · · ·		
B	enh	elmon	NI	Db rol					NE				
		TE COMP.	10-8	<i>77</i> <b>T</b>	PLUG BAC	K T.O.	1870 D 13	) Ø.,		PACKER SE	r at		
CABING	rsr.		WT.		I.D.	SET A	AT	<i>9</i>	PERI	•	то	· · · · · · · ·	
	49	2"	10.5			138	0		1:	232	1264		
TUBING !	IZE		WT.	1	.D.	SET A	T		PERI	7.	то		
TYPE CO	MPLET	ION (Describe)	<del> </del>			TYPE FLUI	D PRO	DUCTIO	)N			·	
		gle						No	ve_				
PRODUC					RE	SERVOIR T	EMPER	ATURI		Σ	AR. PRE88		
CSG QAS GRAVITY - Q.			% CARBON DIOXIDE %'NITRO						ROGEN	API Q	RAVITY OF		
	594					_							
VERTICA		rh (H)			TYPE	ARTER CON	N.				R RUN) <del>(PRO</del>	VER) SIZE	
علا	ne					<del></del>		<del></del>			longe	<u></u>	
SHUT-IN	PR E 88U	RE: SHUT IN		-90						-10 199			
PLOW TE	ST: STA	RTED	1-14		1929	2 AT	(AM)	)(PM) T	AKEN	<u>-7_19_5</u>	<u> </u>	_ (AM)(PM	
	•				OBS	ERVED DA	TA			DURATIO	от внит-	in <u>i 44</u> hr	
<del></del>		(METER)	DIFF.	Ī	WELL-	CASINO WILL	CASOLL	EAD PRESE TREENO		LLHEAD PRESS		LIOUID	
SHUT-IN OR FLOW	ORIFIC	S PROVERY	in. (h <sub>p</sub> )(h <sub>p</sub> )	PLOWING TEMP.	TEMP.	paig	(P <sub>w</sub> )(P <sub>t</sub> )(P <sub>c</sub>		paig	(Pw)(PtXPc)	DURATION HOURS	LIQUID PROD. Bble.	
FLOW	ia.	paig						o la		Pere	1011		
או-דטאפ		120				206	206 220.4		·		144		
rlow	-3/2	5 98	3"			105	119	7.4			24		
		in also assistante assista		to	ATEORI	FLOW CAL	CIII A	TIONS					
			·		ALE OF	- CAL	CULA	110113			<del></del>		
COEPFICIENT (Fb) (Fp) Meld		(METER) <del>(Prover)-</del>	EXTENSION		GRAVITY	PLOWING TIMP.		DEVIATION I		RATE OF PLOW	GOR	G <sub>m</sub>	
		PRESSURB pain	VP <sub>m</sub> <sup>2</sup>	th <sub>w</sub>	PACTOR F <sub>E</sub> .	FACTOR .		Fpv		R Mcfd	uor		
<del></del>			10 >			1			<del></del>				
,4752		1124 1112				1.00 1,0		00 11.32					
		1127	01/2.4	THE RESERVE AND PERSONS ASSESSED.	W 40514	ALC DA DIL 17		AI CIII	240121		<u></u>		
					V) (DELI	VERABILIT	1) C	ALCU	LATIONS		(P <sub>2</sub> ) <sup>2</sup> =0.20	7	
(Pc)2= 4	8.5	<u>B</u> , (P):	= 14,7	6.	Pd=	%	(P <sub>c</sub> –	14.4) +	14.4 =		(P <sub>d</sub> ) <sup>2</sup> =		
(Pa)2.	(P <sub>a</sub> ) <sup>2</sup>		Pc2-1	Pa <sup>2</sup> ]	٦	٦			٦٦		DELIVE	N PLOW Rability	
(P <sub>C</sub> ) <sup>2</sup> -(P <sub>B</sub> ) <sup>2</sup> or ر <del>ه واك (</del> (P <sub>B</sub> ) <sup>2</sup>		$(P_c)^2 \sim (P_w)^2$	45-341	P 2-P 2		-     -	"n"		LOG	ANTILOG	R×A	R & ANTILOG	
48.373		7 -	[Pc2+	C	1346 .		0.85		12//02	1 2207		/5,2	
48.	373	34.32	1.40	9410	14905	6 0.8	<u>s</u>	10.1	26697	1.33879		192	
					****			1			<u> </u>		
OPEN F	LOW		Mcfd	9 14.65 p	sia		ומ	ELIVE	RABILITY	<u> </u>	Mcfd e 1	4-65, pai	
		ndersigned aut	hority on	behalf o	of the Co	npany. state	eo cha	ic he i	duly aut	horized to mal	TIEU	CIVED	
				d.charaia	and ther	said report	is teu	e and d	onect.	, 5,		-	
that he b	as kno	wledge of the f				_							
char he b	as kno	wledge of the field the				norch				10	JAN	1 1 200	

For Commission

## State of Kansas



MIKE HAYDEN
KEITH R. HENLEY
RICH KOWALEWSKI
MARGALEE WRIGHT
JUDITH MCCONNELL
FRANK A. CARO, JR.

CHAIRMAN
COMMISSIONER
COMMISSIONER
EXECUTIVE DIRECTOR
GENERAL COUNSEL

GOVERNOR

## Kansas Corporation Commission

CONSERVATION DIVISION
SHARI FEIST ALBRECHT, DIRECTOR
200 Colorado Derby Bldg.
202 W. 1st Street
Wichita, KS 67202-1286
(316) 263-3238

March 29, 1990

John Sanders Lobo Production Company P.O. Box 218 Cortez, CO 81321-0218

Re: One-Point Open Flow Test Reports for Cheyenne County Gas Wells

Belonging to Lobo.

Dear John:

Congratulations are in order. You did a fine job of figuring the wellhead open flow potentials of your gas wells.

Now that official open flow test reports are on file with the Conservation Division which demonstrate each of these wells to have an open flow of less than the 65 Mcf/Day KCC threshold value, you will not have to retest these wells in future unless and until you either stimulate them, thereby increasing each well's production capacity and presumably also increasing the wellhead open flow, possibly back up above 65 Mcf/Day, or recomplete them in an entirely different gas zone.

This letter will be the only official acknowledgement from the Conservation Division of the fact that these Niobrara gas wells are exempt from further open flow testing in future years subject to the conditions described above, so hang on to this letter.

Good luck in your future endeavors and if I can be of any assistance in any way in the future, please don't hesitate to call upon me.

Sincerely,

Jim Hennen

STATE CORPORATION COMMISSION

Jim Hemmen Research Analyst

JAN 1 1 2000

CONSERVATION DIVISION Wichita, Kansas