Form C-122

2 Occidental 1 NWP

1 Reese 1 Pile

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

ool	apacito Ex	rt. F	ormation	Pic	tured Cl	iffs	County	Rio Am	riba
nitialX									
mpany Occi						*			
it M 7-5/8* sing 5-1/2* I	26.40#		ug,	410	o Purc	naser			
sing <u>5-1/2"</u> [	Vt. 15.5#	_I.D	Set	t at <b>616</b>	<b>2</b> Pe	rf <u>390</u>	)8	To 39	952
bing 2-3/8*	vt. 4.7#	_I.D	Set	at <u>38</u>	85 Pe	rf		То	
									255•
oducing Thru	. casing		Tur	onng	Sin	Type We gle-Brade	ell <b>G.G.</b> enhead-G.	G. or C	G.O. Dual
te of Complet	ion: 11-	6-58	Packer	6056	<u> </u>	Reservo	oir Temp.	57 <b>°?</b>	
				OBSERV	ED DATA				
sted Through	( over)	(Choke)	(Nater)				Type Tap	s	
	Flow	Data			Tubing	Data	Casing D	ata	<u> </u>
(Prover) (Line)	(Choke)		Diff.	Temp.		Temp.		Temp.	
Size	Size	psig	h <sub>w</sub>	°F.	psig	°F.	psig	°F∙	of Flow
					1006		1005		
	3/4*	57		570					3 Hrs.
	1								3 8 5 8
		_							
	<del></del>	<del></del>	<del></del>	······				<del>1</del>	
Coeffici	ent	Pr			CULATIONS	Gravity	Compre	58.	Rate of Flow
					tor	Factor	Factor		Q-MCFPD
(24-100	1 7 1	nwpf	psia	F <sub>t</sub>	t	Fg	Fpv		@ 15.025 psia
12.365			69	1.0029		.9608	1.01	0	830
Liquid Hydro ity of Liqui				SSURE CA	ALCUF <b>ATI</b> C	Speci Speci		ty Flow	rator Gas ing Fluid 036.3
P <sub>w</sub>	P <sup>2</sup>	F <sub>c</sub> Q	$(F_cQ)^2$	٦)	0)2	P <sub>w</sub> 2	P <sub>c</sub> -P <sub>w</sub> <sup>2</sup>	Ca	1 0
सम्प्राधिकास)	т .	- C	\- C≪/	(i-	Q) <sup>2</sup> -e <sup>-s</sup> )	- w~	. C _ M	P.	7 94
181						32.6	1003.7		
						JE94	**************************************		1.0325
								-	
olute Potent	ial: 8	 ₹53		MCFPD:	n85 =	: 1,0276		. L	
PANY Occid	ental Petr	roleum Co	rp.						
RESS 120 S	T.A. Dugs	n. Cons	rmington ulting E	New Me	xico <sub>rigi</sub>	al signed	by T. A. I	Duga <b>n</b>	
NESSED Char	les Werner	•	Ĭ						
PANY North	west Produ	ection Co	rp.	REMA	RKS	·····	<del></del>		



## INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

## NOMENCLATURE

- Q  $\equiv$  Actual rate of flow at end of flow period at W. H. working pressure (P<sub>W</sub>). MCF/da. @ 15.025 psia and 60° F.
- Pc= 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pw Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- $F_t$  Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.

Note: If  $P_W$  cannot be taken because of manner of completion or condition of well, then  $P_W$  must be calculated by adding the pressure drop due to friction within the flow string to  $P_t$ .

	ATION COMMISSION STRICT OFFICE
MG. Copies Pec	elved \ ?
	RIBUTION
The second of phones or agreement of the	MG.
Operator	- FORMINGAGAO .
Sante Fe	The state of the s
Protestion Office	The state of the s
State Land Emps	and planting the same of the s
មន្ត្រ	and a distriction of the forest state of the
Transporter	- Combridado Como Como Como Como Como Como Como Co
·Ue	The state of the s

## VAL R. REESE & ASSOCIATES, INC.

					Compan	y Occidental	Petroleum Corp.
					Lease_	E	Well No. 1-21
					Date of	Test 11-24-	.58
	ww 7:	217 P.	^	D 6	Date of	TCD( TY-ST	
Shut in		(PSIG): Tul		P.C. Casing_	1005	_S.I. Period	d <b>7</b> Days
Size B	low Ninnle	3/4" T.	.C _ ·				
						_	
Flow T	Through	2-3/8" Tbg.		Workir Tbg.	ng Press	ures From_	Csg.
Ti	me		XXXXXXXX		Well	head Workin	Ø
		Pressure	DECALERDE	TXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		sure (PSIG)	_
							-
<del></del>	15	381	1213			632	
	30	192	1212			402	53
	45	133	1211			301	54
1 2	00	98	1211 1211			225	<u>55</u> 57
<u>-</u>			1211		<del>~v:</del>	<u> </u>	
	<del></del>	<del></del>	*******************			<u> </u>	
		<del></del>	<del> / /</del>	<del></del>			
					<del> </del>		
Start A	4t 11:4	5 A.M.	<u> </u>	End Te	st At	2:45 P.M.	
<b>.</b>	1 (6)	7 7/0 77		•		9 9 9	
			arted blowing	g heavy spr	ay of oi	1 and water.	
	ontinued t	hroughout res	t of test.		···		
				<u></u>			
	<del> </del>				<del> <u></u></del>		
							· · · · · · · · · · · · · · · · · · ·
		•			<del></del>		
				m · ·	_	<b>*</b> ***********************************	
				Tested	ву:	Jim Jacobs	
				Witnes	s:	Charles Wer	mer