				MULTI-	-POINT BA	CK PRES	SURE TE	ST FOR GAS	WETLS	41 3	Revised 12-1-55
	Bagley Low		nn. Ga	F	ormation_	L Ginia?	TASHTON		_County		
Initi	ial		Annu	21		Spec	ial	X	_Date of	Test	2-20-59
Compa	any Amerada	Petro	leum C	orpora	tion I	lease	J. T. Ca	udle	Wel	1 No	7 1
Jnit	<u> </u>	Sec3	Tw	<u> 12</u>	Rge	. 33	Pur	chaser_1	Pa so		
	ng <u>5-1/2"</u> W									То	9813
	ng 2-3/8" W										
											ess. 13.2
	ucing Thru:										
)ate	of Complet	ion:	12-16-	-56	Packer	8673	Si.	ngle-Brade Reservo	nhead-G. ir Temp.	G. or (G.O. Dual
,	01 00mp100				de registrativo de la constitución de la constituci		ED DATA				
Posts	ed Through	(_D	\	31 	(Meter)				Type Tar	os F1	ange
	ed Inrough				/Medel /		Tubin	g Data	Casing I		
	(Prever)	(6)			. Diff.	Temp.		· Temp.			
No.	(Line) Size		fice) ize	psig	h _w	$\circ_{\mathrm{F}_{ullet}}$	psig	° _F .	psig	°F.	of Flow Hr.
SI				(0)		132 87	7-1231-	1394			24-48-72
2.	4"	2.00		631	19,80	- 0/	848			ļ —	
3.											
5 . T							<u> </u>		<u> </u>	<u> </u>	
	Coeffici	ent	 	P	ressure	FLOW CAI	Temp.	NS Gravity	Compre	ess.	Rate of Flow
Vo.	(24-Hou		$\sqrt{h_{\mathbf{w}}}$		psia	Fac	ctor	Factor F_{g}	Factor F _{pv}	or	Q-MCFPD @ 15.025 psia
l.	25.58		112.9		F	.9750		.9072	1.00		2,731
2 . 3.											
ţ. 5.											
ravi	iquid Hydro ty of Liqui	id Hyd	rocarb	o <u>37</u> ons 1-e ^{-s})	700		CALCUIAT • •	Speci Speci		ity Flo	arator Gas .72 wing Fluid .79 1796.1
No.	P _w P _t (psia)	Р	t F	cQ	(F _c Q) ²	()	$F_cQ)^2$ 1- e^{-s})	P_w^2	$P_c^2 - P_w^2$		P _w P _c
1. 2.	861.2	741.	7 27.	135	736.36		.36	1164.56	631.54	1079	
3.											
5.											
	lute Potent	tial:	58/	O MCF	poration	MCFPD	; n_ 0.	.727			
ADDR AGEN WITN	ESS D T and TITL ESSED	war HI)* - Me	nment	New Me	ocioo	ict ing	inest			
	PANY						MARKS		· · · · · · · · · · · · · · · · · · ·		 -
	has to be	awa bh	-A 4m :	Mar 1	ahutin.	This r	ntentia	l was calc	ulated Ir	io a mo	nd up with fluid ne point minimum sly obtained on

this well.

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

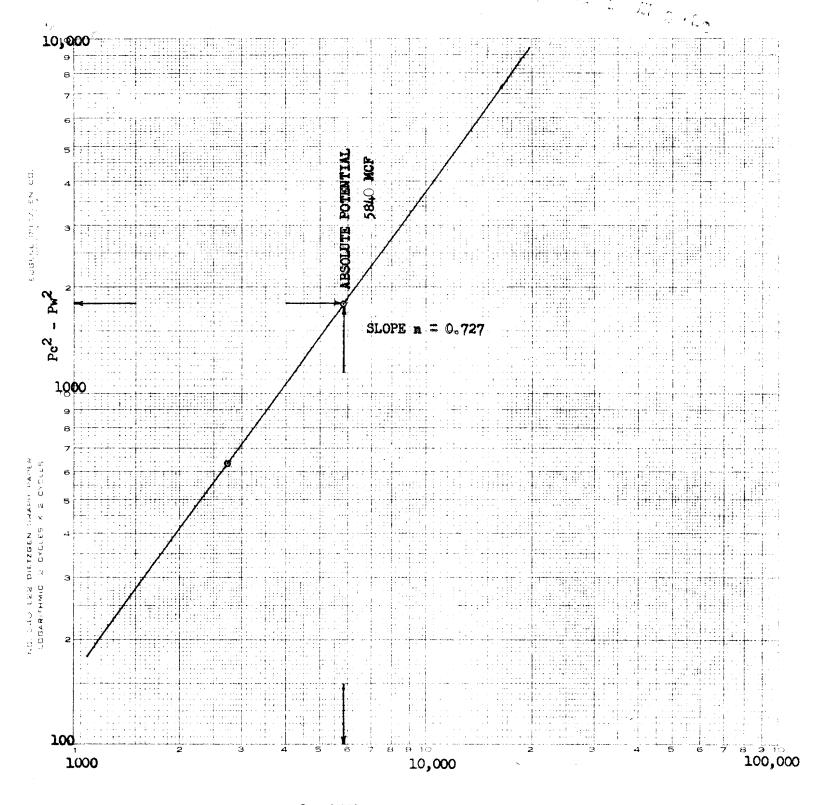
- Q I Actual rate of flow at end of flow period at W. H. working pressure ($P_{\rm W}$). MCF/da. @ 15.025 psia and 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- P_{w} Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- P_{f} Meter pressure, psia.
- $h_{\mathbf{w}}$ Differential meter pressure, inches water.
- F_g : Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{DV} Supercompressability factor.
- n I Slope of back pressure curve.

Note: If $P_{\mathbf{W}}$ cannot be taken because of manner of completion or condition of well, then $P_{\mathbf{W}}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\mathbf{t}}$.

CP TO ANY

AMERADA PETROLEUM C CRATION

WELL LOCATION COUNTY DATE J.T. CAUDLE NO. 7-T C 3-12-33 LEA



Q - MCFD - 15,025 PSIA

rorm	U-122

MULTI-POINT	BACK	PRESSURE	TEST	FOR	GAS	WELLS	

				MULTI	-POINT B	ACK PRES	SURE TE	ST FOR GAS	WELLS		Revised 12-1-55	
Poo]	Bagley I	pper Pe	nn. Ge					ian				
Init	ial		Annu	al		Spec	ial	X	_Date of	Test	2-20-59	
Comp	any Amera	da Petr	oleum	Corp.		Lease	J.T. Ca	udle	Wel	1 No	7 C	
Unit	Unit C Sec. 3 Twp. 12 Rge. 33 Purchaser El Paso Nat. Gas Co.											
Casi	Casing 5-1/2" Wt. 17 I.D. 4.892 Set at 9952 Perf. 8582-8600 To 8624-8642											
Tubing 2-3/8" Wt. 4.7 I.D. 1.995 Set at 9813 Perf To -												
Gas	Pay: Fro	m 8582	_To	8 642	L85	82 x	:G <u>.748</u>		6419	Bar.Pre	ess. <u>132</u>	
Prod	lucing Thr	u: Cas	sing	X_	Tu	bing		Type We	11 G.G	Dual		
Date	of Compl	etion:	12-19-	56	Packe	r 8673	Si	ngle-Brade Reservo	enhead-G. oir Temp.	G. or (G.O. Dual	
	•						ED DATA					
Test	ed Throug	h (Pres	nearrain (ne	Palmentousse)	(Meter)				Type Tap	וק או	anaa	
					(Medel)		I				arika	
$\overline{}$	(Prover) (Cho	low Da	Press.	Diff.	Temp.	Press	g Data Temp.	Press.	Temp.	Duration	
No.	(Line) Size	(Orif	ice)		h _w		1	°F.	i	1	of Flow	
SI				75-8	W		1020				24-48-72	
1. 2.	4	1.7	5	631	6.0	90			744		24	
2. 3.					-							
4.												
5. 1							<u></u>	1	L	<u> </u>		
	000:			——————————————————————————————————————		FLOW CAL	CULATIO	NS_	10		Dete es Elec	
No.	Coeffi	cient		Pr	ressure	Flow Temp. Factor		Gravity Factor	Facto	ess.	Q-MCFPD	
	(24-H	$(24-Hour)$ $\sqrt{h_{W}}$		of psia		$\mathtt{F_t}$		$^{ extsf{F}_{ extsf{g}}}$	Fpv		@ 15.025 psia	
1. 2.	19.27		62.1	7		0.9723		0.9180	1.0	67	1,141	
3。												
4. 5.												
<u> </u>					L	 -						
					PR.	ESSURE C	ALCUIAT:	IONS				
as L	iquid Hyd:	rocarbon	Ratio	67	,535	cf/bbl.		Speci	fic Gravi	ty Sepa	arator Gas .712	
	ty of Liq 0.9583			ons L-e ^{-s})	0.357	deg.		Speci P. 1	fic Gravi	P _c 1	wing Fluid •748 501.1	
·			 ,				•	C		_		
T	$P_{\mathbf{w}}$					1	.,		2 0			
No.	Pt (psia	Pt	F	Q	$(F_cQ)^2$	(F	$(c_e^Q)^2$	$P_{\mathbf{w}}^2$	$P_c^2 - P_w^2$	Ca	Pw Pc	
1. 2.	757.2	573.4	1.0	93	1.194			573.8	927.3	757.	77	
2.												
3. 4.										+		
5.								 	<u> </u>	<u></u>		
Abso	lute Pote ANY Am e	ntial:_ rada Pe		MCF m Corp	oration	MCFPD;	n_1.0					
ADDR	ESS Dr	MOL HDH	- Mon	ument,	New Mex							
	T and TIT	LE	E	Brock	1	Distr	ict Engi	neer				
COMF												
						REM	ARKS					

4 point back pressure test could not be run because well now has tendency to load up with fluid and has to be swabbed in after shut-in. This potential was calculated from a one point minimum contract test run by El Paso on 2-20-59 using a slope of 1.0 which was previously obtained on the well.

NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company o	r Operato	r Amerada F	etroleum C	erperation	I	ease J.T.	Caudle G	as Unit
Well No.	7	Unit Letter	C S 3	T 12-S R 33	E Pool	Bagley Up	per Penn.	Gas Zene
County	Lea]	Kind of Lea	ase (State, F	ed. or F	Patented)_	Federal	
If well pro	duces oil	or condensa	ite, give lo	cation of tan	ks:Unit_	D s 3	T 125	R 33E
Authorized	Transpor	ter of Oil c	or Condens	ateService	Pipe Li	ne Co.		
Address	Box 337 -	Midland, Te	XAS					
	(Give ad	dress to wh	nich approv	ed copy of th	nis form	is to be s	ent)	
Authorized	Transpor	ter of Gas	Il Paso Nat	. Gas Co. Box	t 1984 -	Jal New Me	orico - Hi	Pressure Ga
Address 🕷	arren Pet.	Corp. Box I	1589 - Tule	a 2, Oklahoma	- Low P	ressure Ga		·
If Gas is no				red copy of the also explain				
Reasons fo	r Filing:(Please chec	k proper b	oox) New	Well			()
				l() Dry Ga		head ()	Condensa	ate ()
Change in	Ownershir	.		() Other				(*)
Remarks:	L			() Other	Give	explanati	on below)	
To Show Was	rren Pet. (Corp. as Pur		Low Pressure		NAME CHA AMERADA I TO AMERAI		OPR.
		tifies that tomplied wit		nd Regulation	ns of the	Oil Cons	ervation (Com-
Executed th	his the 1	day of_	October	19 58	1 //			
				By	UX es	nden	P	
Approved_			19	Title_	Fore	man		
OIL	CONSERV	ATION COM	MISSION	Comp	any Ame	rada Petro	leum Corp	orati en
Ву	Me	ing/h	11/1	Addre	essRos	well Star	Route	
Title				·····	Tat	um, New Me	xico	