3-CCC 1-H. L. Kendrick 1-Bill Parrish MEXICO OIL CONSERVATION COMMISSION

1-WD 1-D, 2-F

Form 0-122 Rev_Bed 12-1-55

בוובא השת הטוב הבווב

	Basin Dak	ota	Fo:	rmation_	Dakot	.a		_County	San J	uan
										5/31/62_
										6
Jnit	F Se	c. 25 T	wp. 27	N_Rge.	11 W	Purch	aser <u>E</u>	Paso Na	tural G	as Company
asi	ng 4 1/2 Wt	. 10.50	I.D. 4.0	52 Set 8	at 662	0Per	f. 6444-	<u>58</u>	To 649	8-6530
ubi	ng <u>1 1/2</u> Wt	2,75	I.D. <u>1.6</u>	lO_Set	at 654	4 Per	f•		Го	6544
as	Pay: From_	6444 To_	6530	L 6544	x0	.67		4384	Bar.Pre	ss. <u>12.0</u>
'rod	ucing Thru:	Casing_		Tubi	ng <u>X</u>	<u> </u>	_Type We:	ll <u>Sinal</u>	e Gas	
						STITE	Te-Drage	TITIC GROT - (1)	3. Or 0	.O. Dual
auc	OI COMPLECT	<u></u>						• •		, per a
				•	OBSERVE	ED DATA				
'e s t	ed Through	XXXXXXXXX	(Choke)	(Mexexx)				Туре Тар	s	and the second s
		Flow	Data			Tubing		Casing D	ata	
JO.	(Prover) (Line)	(DAAAAAAA)			i i			1	Duration of Filo
	Size	Size	psig	h _w	°F.	psig				
SI L.		3/4"	055		69	1834 355		1996 1389	 	7 days 3 hour
2.		3/4"	25 5			333	09			
•										
· · ·										
				FL	OW CAL	CULATIONS	S			
	Coefficient F		Pr	ricw calculation of the calculat		Temp.	Gravity Compr		ress. Rate of Flow	
No.	(24-Hour) $$		ո _ա թ _բ	psia	osia F _t		Fg	Fov	^*	● 15.025 psi
1.	12.3650		"-1	367	9915		.9463		039	4,423
2.										
3. +•										
5.										
				PRES	SURE C	ALCUT ATI O	ons			
as I	Liquid Hydro	carbon R a	tio	PRES			Speci	fic Grav	ity Sep	arator Gas
ravi	Liquid Hydrod ity of Liquid	d Hydroca	rbons				Speci Speci	fic Grav	ity Flo	wing Fluid
ravi		d Hydroca			f/bbl.		Speci Speci P _c	fic Grav	ity Flo	wing Fluid
ravi	ity of Liquid	d Hydroca	rbons		f/bbl. deg.		Speci Speci P _c	fic Grav 20 6 8 1401	P _c P _w 1	wing Fluid
ravi	ity of Liquid	d Hydroca	rbons(1-e ⁻⁵)		f/bbl. deg.		Speci Speci P _c	fic Grav	PC PW C	wing Fluid 4032.0 1962.8
No.	ity of Liquid	d Hydroca	rbons		f/bbl. deg.		Speci Speci Pc Pw P _w 2	fic Grav 2008 1401 P ² _c -P ² _w	PC PW C	wing Fluid 4032.0 1962.8 al. Pw Fw Pc
No.	ity of Liquid	d Hydroca	rbons(1-e ⁻⁵)		f/bbl. deg.		Speci Speci P _c Pw	fic Grav 20 6 8 1401	PC PW C	wing Fluid 4032.0 1962.8
No.	ity of Liquid	d Hydroca	rbons(1-e ⁻⁵)		f/bbl. deg.		Speci Speci Pc Pw P _w 2	fic Grav 2008 1401 P ² _c -P ² _w	PC PW C	wing Fluid 4032.0 1962.8 al. Pw Fw Pc
No. 1. 2. 3.	ity of Liquid	d Hydroca	rbons(1-e ⁻⁵)		f/bbl. deg.		Speci Speci Pc Pw P _w 2	fic Grav 2008 1401 P ² _c -P ² _w	PC PW C	wing Fluid 4032.0 1962.8 al. Pw Fw Pc
No. 1. 2. 3. 4. 5.	Pw Pt (psia) olute Potent	Pt lial:	F _c Q 7,293	(F _c Q) ²	f/bbl.deg. (F) (I)	(cQ) ² -e ^{-s})	Speci Speci PcPw Pw_2 1962.8	fic Grav 2008 1401 P ² _c -P ² _w	PC PW C	wing Fluid 4032.0 1962.8 al. Pw Fw Pc
No.	Pw Pt (psia) olute Potent	Pt	F _c Q 7,293	(F _c Q) ²	f/bbl.deg. (F) (I)	(Q) ² -e ^{-s})	Speci Speci PcPw Pw_2 1962.8	Pc-Pw 2069.2	PC PW C	wing Fluid 4032.0 1962.8 al. Pw Fw Pc
No. No. 1. 2. 3. 4. 5. Absa	Pw Pt (psia) olute Potent	P2 t	F _c Q 7,293 Southwest	(F _c Q) ² Producti Club Pla	(F) (I) MCFPD;	n Compared C	Speci Speci PcPw	Pc-Pw 2069.2	PC PW C	wing Fluid 4032.0 1962.8 al. Pw Fw Pc
No. 1. 2. 3. 4. 5. Absa COM ADD AGE WIT	Pw Pt (psia) olute Potent PANY RESS	Pt ial:	Toons (1-e-s) FcQ 7.293 Southwest 207 Petroge Lower MacNa	(F _c Q) ² Producti Club Pla Hoffman,	MCFPD; on FMC	n	Speci Speci PcPw	Pc-Pw 2069.2	PC PW C	wing Fluid 4032.0 1962.8 al. Pw Fw Pc

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_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
- 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 $P_{\mathbf{W}}$ 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 $P_{\mathbf{t}}$.