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Revised 12-1-55

MULTI-POINT BACK PRESSURE TE	SST FU	R GAS	WELLS
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	Undesign	nated		F	rmation	Dak	eta		_County_	San	Juan
nit	ial	·	_Annual	l		Spec	ial		_Date of	Test_	3-15-60
omp	any Inter	nation	al 01	1 Co	rp.	Lease	B. B. F	ogelson	Ne]	ll No.	1-25
nit	_ P S	ec. <u>25</u>	Twp.	_ <u>30n</u>	Rge	e. 11¥	Purc	haserN	e Conne	tien:	
asi	ng 51 W	t. 15	#_I.I	D. 4.	892 950 Sef	t at <u>71</u>	. 50 Pe:	rf. <u>679</u>	2	o	7015
ubi	ng 2 3/8" W	t. 4.7	#_I.I	D. <u>1.9</u>	95 Sef	t at <u>686</u>	0 Pe:	rf. 685	2	o	6856
as	Pay: From_	5792	To_ 7 0	115	_L_ 68	52x	G_0.660		22	Bar.Pı	ress. <u>12</u>
rod	ucing Thru:	Casi	ng	io	Tul	oi.ng <u>Y</u>		Type We	11 Sing		Gas-Bistille G.O. Dual
ate	of Complet	ion:_2	-29-6	50	Packe	rNone	Sin	gle-Brade Reservo	nhead-3. ir Temp.	G. or	G.O. Dual 89 ⁶
							ED DATA	_			•
e s t	ed Through	(Percent	ræ) (Ch	noke)	(Metern)				Type Tar	S	
		F1	ow Dat	.a			Tubing	Data	Caeina	2+2	
T	(Prover)	(Chok	e) I	Press.	Diff.	Temp.	Press.	Temp.	Press.	Temp.	Duration
0.	(Line) Size	Siz	ie	psig	h _w	°F.	psig	°F.	psig	[⊃] F•	of Flow Hr.
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_	Coeffici	ent.		- Pr	essure l	Flow CAL	CULATIONS	S	Compre		Rate of Flow
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avit			carbon			cf/bbl.	ALCU ATI	Speci Speci ^P c_1	fic Gravi 922	ty Flo	owing Fluid 3,694,084
s Li avi	ty of Liquid		carbon	າຣ		cf/bbldeg.		Speci Speci ^P c_1	fic Gravi	ty Flo	owing Fluid
s L:	ty of Liquid		carbon	ns e-s)		cf/bbldeg	(Q) ²	Speci Speci ^P c_1	fic Gravi 922	ry Flo	3,694,084 662,596
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s L:	ty of Liquid	d Hydro	carbor	ns e-s)		cf/bbldeg	(Q) ²	Speci Speci Pc_1	fic Gravi 922 814	ry Flo	3,694,084 662,596
s L:	ty of Liquid	d Hydro	carbor	ns e-s)		cf/bbldeg	(Q) ²	Speci Speci Pc_1	fic Gravi 922 814	ry Flo	3,694,084 662,596
s L:	ty of Liquid	d Hydro	carbor	ns e-s)		cf/bbldeg	(Q) ²	Speci Speci Pc_1 Pw2	fic Gravi 922 814	ry Flo	3,694,084 662,596
s L	Pw Pt (psia) lute Potent	d Hydro	F _c Q	ns _e-s)	(F _c Q) ²	cf/bbl.deg. (F. (1.	cQ) ² -e-s) n (1.21	Speci Speci Pc_1 Pw2	fic Gravi 922 814	ry Flo	3,694,084 662,596
s L.	Pw Pt (psia) lute Potent	d Hydro	F _c Q	ns	(F _c Q) ²	cf/bbl.deg. (F. (1. MCFPD;	n (1.21	Speci Speci Pc_1 Pw2	922 814 P _c -p _w ²	Pg Pla	owing Fluid 3,694,084 662,596 Cal. Pw Pw Pc
s L.	Pw Pt (psia) lute Potent	Pt ial:	F _c Q	ns	(F _c Q) ²	cf/bbl.deg. (F. (1) MCFPD; oration	n (1.21	Speci Speci Pc_1 Pw = Pw2	fic Gravi 922 814 P ² -P ² _w	Price Paragraphic Property Pro	owing Fluid 3,694,084 662,596 Cal. Pw Pw Pc
S L.	Pw Pt (psia) lute Potent ANY ESS	Pt ial:	F _c Q	ns	(F _c Q) ²	cf/bbl.deg. (F. (1) MCFPD; oration	n (1.21	Speci Speci Pc_1 Pw = Pw2	922 814 P _c -p _w ²	Price Paragraphic Property Pro	owing Fluid 3,694,084 662,596 Cal. Pw Pw Pc

APRI 3 1960 OB CON. COM. D ST. 3

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 = Actual rate of flow at end of flow period at W. H. working pressure (P_w) . MCF/da. @ 15.025 psia and 60° F.
- P_c 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwT 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
- Pr Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor. .
- Fpv Supercompressability factor.
- n _ 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 $P_{\mathbf{t}}$.