NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122 rised 12-1-55

			MU	LTI-	POINT B	ACK PRES	SSURE TE	ST FOR GA	s wells		Revise	d 12-1-5	
Poo	Tapacite	D		_Fo	rmation	Pietu	red Cli	<u>ffs</u>	County_	Rio Ar	riba	· · · · · · · · · · · · · · · · · · ·	
Initial X Ann			Annual_			Special			Date of	Test	9-26-57		
Сол	npany Magno	lia Petr	oleum Co	ompa)	n y	Lease Ji	carilla	нВи	We	ll No	3 PC	UT	
Uni	it <u>n</u>	Sec. <u>20</u>	Twp	26N	Rg	e. <u>3W</u>	Pur	chaser P	acific Nor	thwest			
Cas	ing 7 5/8" V	Vt.211#	I.D.	7.0	25 Se	t at_h.	Ohl P	erf3.79	98	_To	3,828		
Tub	oing 2 3/8 V	Vt4.71	I.D	1.99	о дSe	t at 3,	757 P	erf	•	To			
Gas	Pay: From	3,798	ro_3,8;	28	_L	x	.G			Bar.Pr	ess		
Pro	ducing Thru:	: Casir	ng		Tu	bing		Type We	ell <u>GG D</u> u	ıal_			
Dat	e of Complet	ion: <u>9</u> .	-14-57		Packe	r None	Si:	ngle-Brade Reserve	enhead-G. oir Temp.	G. or	G.O. Du	al 	
						OBSERV	ED DATA						
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		Flo	w Data				Tubin	z Data	Casing I	ata	T -		
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	(Line) Size	Size	ps	ig	h _w	°F.	psig	°F.	psig	°F∙		of Flow Hr.	
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	Coeffici	ent		Pre	ssure	Flow	W CALCULATIONS Flow Temp. Gravity Compress. Rate					f Flow	
No.	(2)		<i></i>			Fac	tor	or Factor		Factor		Q-MCFPD	
		· • • •	h _w p _f	psia		F.		Fg	F _{pv}		@ 15.025 psia		
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3.													
5.													
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					PRI	ESSURE CA	ALCUTATI	ONS					
Jas I	Liquid Hydro	carbon R	atio			cf/bbl.		Speci	fic Gravi	ty Sepa	arator (Gas	
Gravi	ity of Liqui	d Hydroc	arbons			deg.		Speci	fic Gravi	ty_Flow	ving Fl		
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No.	$P_{\mathbf{W}}$	P_{t}^{2}	F_c^Q		$(F_cQ)^2$	F)	0)2	P _w 2	$P_c^2 - P_w^2$	Ca	ıl.	Þ	
	Patro (Boile)	- t	- c ·		(- G4)	(i.	$(e^{Q})^2$	· w~	1C 1W	1	W	Pw Pc	
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4.										-			
													
	PANY MAGN	ial:	POT PIN		DANY	_MCFPD;	n	35		F		Marie Control	
ADDRESS p. 0. HOX 2106, Hobbs, New Mexico AGENT and TITLE () AGENT () Con Engineer											ZOTI HVAN		
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	· - -	<u></u>				REM	ARKS			/ DIL (CON. C	OM.	
										A .	DIST. 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 \equiv 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
- Pw Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- P_t 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.
- Fnv 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_{+} .

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