MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	oolF					Formation Yates & 7 Rivers				County Lea		
InitialAnnual						Spec		_Date of	Test/	12/3/57		
Company Dalport Oil Corporation					3	LeaseLun			t Well No. # 1			
Unit P Sec. 20 Twp. 22 Rge. 36 Purchaser El Paso Natural Gas Co												
	ng 51									То		
Tubing 2 3/8 Wt. 4.7 I.D.												
Gas Pay: From 3170 To 3390 L 3030 xG .680 -GL 2060 Bar. Press. 13.2												
Producing Thru: Casing Tubing X Type Well Single-Bradenhead-G. G. or G.O. Dual Date of Completion: 10-13-53 Packer None Reservoir Temp.												
OBSERVED DATA												
Tested Through (Meter) (Meter) Type Taps Flange												
		<u> </u>	Flow D		T			Data	Casing D			
No.	(Line)	(Ori	fice)		Diff.			Temp.		Temp.	of Flow	
SI	Size	S	ize 	psig	h _w	°F.	psig 725	°F.	psig	[⊃] F•	Hr.	
$\frac{31}{1.}$	4	0.75	0	374	7.29	60	374	 			72 2h	
2.												
3. 4.	inakia v	A PARTITION										
4. 5. 1	through	o secur	nt.	THE CE	er on el	IIS MOTT	Averag	e Jalmat	slope of	•771 d	ewn	
4. I The state of												
FLOW CALCULATIONS												
No.	Coefficient P			Pr	essure			Gravity Compress. Rate of Flow Factor Factor Q-MCFPD			Rate of Flow Q-MCFPD	
NO.	(24-Hour) ¬/h		√ h _w i	n _w p _f psia		Factor F _t		Fg	Fpv		@ 15.025 psia	
1.						1,0000		•9393				
1. 2. 3. 4.								4/2/2				
3。												
4.	 											
PRESSURE CALCULATIONS as Liquid Hydrocarbon Ratiocf/bbl. Specific Gravity Separator Gas •680												
ravity of Liquid Hydrocarbons deg. Specific Gravity Flowing Fluid												
C 9.936 (1-e ⁻⁵) .132 P _C 738.2 P _C 514.9												
No.	**	P ₊	2 .	0	$(F_cQ)^2$	/P	0)2	В 2	$P_c^2 - P_w^2$	Ca	, p	
	Pt (psia)	ft	F	34	(rcw)	(1)	cQ) ² -e ^{-s})	P _w 2	_CM	P,	P _w	
1.	387.2	249.9	207	79 3	1.265	J. 18		150.3	394.6			
2.		 								 		
1. 2. 3. 4.										+		
5.		<u></u>										
Absolute Potential: 233 MCFPD; n •774 COMPANY Deliver Oil Corporation												
COMPA					IAI Q B	d o						
ADDRE AGENT	SSS			Tar.us		resident						
	ESSED	Larl	C. Sal									
COMPANY EL Paso Natural Gas Company REMARKS												

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.

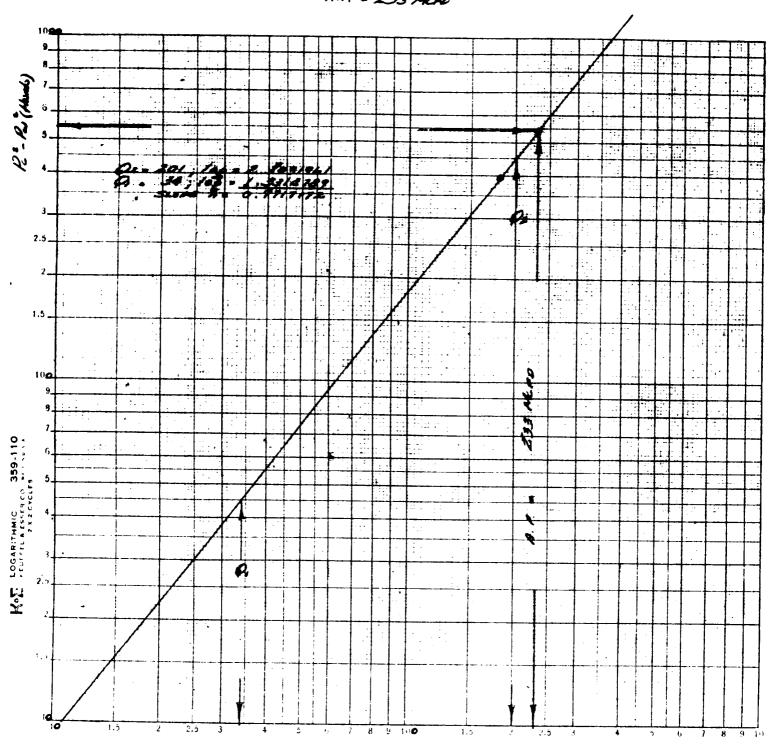
NOMENCLATURE

- 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
- 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
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft 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 $P_{\mathbf{w}}$.

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DALPORT OIL CORP. LUNT # 1 P-20-22-36 LEA CO. N.M. 12-3-1957 A.R. = 233 MARU



Q. MIFU - LE. 025 RIA @ 60%