

MULTIPHASE FLOW TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☐ Initial		Date 11-6-74	
Company B. B. Hunt		Skelly Oil Company	
Pool Sunice		Unit Linkard	
Completion Date 10-19-47		Farm or Lease Name Weatherly	
Csg. Size 5-1/2		Well No. 3	
Tbg. Size 2 3/4		Unit Sec. Twp. Rge. C 21 21-S 37-E	
Type Well - Single - Branch		County Lea	
Producing Thru Tubing		State New Mexico	
L H C 6505 6505 .658		Prover Meter Run Taps 4" Flg.	

FLOW DATA				TURNING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI								48 hrs.
1.	4 x 2.250		23.0	35.00	46	907	60	1 hr.
2.	4 x 2.250		24.0	46.00	40	850	60	1 hr.
3.	4 x 2.250		24.0	70.00	37	859	60	1 hr.
4.	4 x 2.250		26.0	94.00	37	831	60	1 hr.
5.								

NO.	Coefficient (24 Hour)	Rate of Flow Q, Mcfd
1	25.64	1108
2	25.64	1295
3	25.64	1402
4	25.64	1602
5.		

NO.	P ₁	Temp. °F	P ₂	Temp. °F	Pressure Drop, p.s.i.g.	Flow Rate, Mcf/bbl.	Flow Rate, Deg.
1					690	XXXXXX	
2.						XXXXXX	
3.					662		
4.					388		
5.							

NO.	P ₁ ²	P ₂ ²	P ₁ ² - P ₂ ²	Q ²	Q ² / (P ₁ ² - P ₂ ²)
1	942.2	897.74	67.18	5.420	3.206
2	931.1	866.95	87.97		
3	912.7	833.39	121.50	5.777	
4	898.0	806.40	148.50		
5					

Absolute Open Flow	5.777	Slope, n	.626
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Remarks:

Approved By Commission	Checked By:
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Hunt Oil Company
Weatherly # 3
Drinkard

$$\begin{aligned} D_2 \log 2000 &= 3.342423 \\ D_2 \log 500 &= 2.716003 \\ \hline D &= .626 \\ G &= 580 \end{aligned}$$

