

WELL IDENTIFICATION, PRESSURE TEST AND LOG

Pool Blanco Mesquite Formation Mesquite County Blanco
 Initial Annual Special McKever Date of Test 8/2/62
 Company Artes Oil and Gas Lease 2442 Well No. 3
 Unit E Sec. 1 Twp. 31N Rge. 12W Purchaser Southern Pacific Petroleum Co.
 Casing 4 1/2 in. 25 L.O. 4.000 Set at 5400 Perf. 5118 To 5400
 Tubing 2 1/2 in. 40 L.O. 4.000 Set at 5000 Perf. 5032 To 5040
 Gas Pay: From 5118 To 5248 & 5232 To 5200 To 5225 Per. Press. 18
 Producing: From Casing To Tubing Type Well Single-Bradenhead
 Date of Completion: 8/2/62 Packer Reservoir Temp.

OBSERVED DATA

Tested Through (Packer) (Choke) (None)

Type Taps

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow
	(Bladder) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. ΔP	Temp. $^{\circ}F$	Press. psig	Temp. $^{\circ}F$	Press. psig	Temp. $^{\circ}F$	
1.										
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	Pressure psia	Flow Temp. $^{\circ}F$	Gravity Factor F_g	Compress. Factor F_c	Rate of Flow (24-Hour) (1000 cu ft)
1.	12.3650	322	108.5	0.9255	0.990	2.16
2.						
3.						
4.						
5.						

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio of/bbl.
 Gravity of Liquid Hydrocarbons deg.
 Specific Gravity Separator Gas
 Specific Gravity Flowing Fluid
 P_1 204 P_2 674.5

No.	P_1 (psia)	P_2	$P_1 - P_2$	$(P_1 - P_2)^2$	P_1^2	P_2^2	Calc. P_2
1.	675				45225	24319	270
2.							
3.							
4.							
5.							

Absolute Potential 2931 MCF/D 25
 COMPANY Artes Oil and Gas
 ADDRESS Blanco, 520, Farmington, New Mexico
 AGENT and TITLE B. H. Pinner District Engineer
 WITNESSED
 COMPANY

REMARKS

