

OPEN FLOW TEST DATA

DUAL COMPLETION

DATE 7-25-56

Operator Amerada Petroleum Corporation	Lease Jicarilla Apache # F-1
Location 1650'S, 1650'E, Sec. 17-25-5	County Rio Arriba
Field La Ventana	State New Mexico
Casing Diameter 7 5/8" OD	Casing Depth 2879
Perforations 3696	Perforations 3705
Completion Method Sand Oil Frac.	Flow Through Casing X

Choke Size 0.750	Shut-in Pressure 14.1605	Shut-in 55 days
Shut-in Pressure Casing 844	Shut-in Pressure Tubing 913	PSIG
Flowing Pressure 156	Flowing Pressure 319 Calculated	PSIG
Temperature 65	Gravity 0.750 (est.)	

CHOKE VOLUME $Q = C \times R \times E \times F_g \times F_v$

$$Q = 14.1605 \times 168 \times .9952 \times .8944 \times 1.021 = 2,162 \text{ MCF/D}$$

OPEN FLOW $Q = \left(\frac{P_i - P_o}{P_i - P_w} \right)^n$

$$\left(\frac{855,625}{753,864} \right)^n (1.1349) \cdot 75 Q = 1.0994 (Q)$$

Ans **2,377** MCF/D

D. C. Adams

H. E. Hegwood

cc: Amerada (2)

L. D. Galloway
L. D. Galloway



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CONCLUSION

Organisms 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
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