

dsf
File

Type Test [x] Initial [] Annual [] Special				Test Date 5/25/88		RECEIVED	
Company Yates Petroleum Corporation				Connection Transwestern Pipeline Company		APR 10 '89	
Pool Abasco Slope ABO				Formation Pecos Slope		Unit O. C. D.	
Completion Date 6/30/83		Total Depth 4125.0'		Plug Back TD 4039.0'		Elevation 3787.6'	
Csg Size 4.500"		Wt. 9.500#		d 4.090"		Set At 4090.0'	
Tbg Size 2.375"		Wt. 4.700#		d 1.995"		Set At 3602.0'	
Perforations: From 3651.0' To 3706.0'		Perforations: From 0.0' To 0.0'		Farm or Lease SACRA SA Com		Well No. 7-2	
Unit Sec P 22		Twp 6S		Rge 25E		County Chaves	
State New Mexico		Meter Run 2.000"		Taps Flange		Packer Set At 3602.0'	
Producing Thru Tubing		Resv. Temp. °F 98 @ 3602'		Mean Temp. °F 62.0		Baro. Press. - Pa 13.2 psia.	
L 3602.0'		H 3602.0'		Gg .640		%CO2 .04	
%N2 4.61		%H2S 0.00		Proven 0.000"		Meter Run 2.000"	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO	Proven Orifice Size X Size	Press. psig	Diff. hw	Temp. °F	Press. psig	Temp. °F	Press. psig	Temp. °F	
SI	0.000 X 0.000	0	0.0	82	750	0	0	0	0 hrs.
1.	2.067 X 1.375	125	19.5	84	652	62	0	0	24 hrs.
2.	2.067 X 1.375	120	34.8	82	618	62	0	0	24 hrs.
3.	2.067 X 1.375	120	47.2	82	562	62	0	0	24 hrs.
4.	2.067 X 1.375	120	54.0	83	540	62	0	0	24 hrs.
5.	0.000 X 0.000	0	0.0	0	0	0	0	0	0 hrs.

RATE OF FLOW CALCULATIONS

NO	Coefficient (24 HOUR)	1/hwPm	Pressure Pm	Flow Temp Factor Ft.	Gravity Factor Fg	Super Compress. Fact. Fpv	Rate of Flow Q, Mcfd
1.	10.204	51.91	138.20	.978	1.250	1.010	654
2.	10.204	68.08	133.20	.979	1.250	1.010	859
3.	10.204	79.29	133.20	.979	1.250	1.010	1000
4.	10.204	84.81	133.20	.979	1.250	1.010	1069
5.	0.000	0.00	0.00	0.000	0.000	0.000	0

NO	Pr	Temp. °R	Tr	Z	Gas Liquid Hydrocarbon Ratio Dry Mcf/bbl.	A.P.I. Gravity of Liquid Hydrocarbons Deg.	Specific Gravity Separator Gas xxxxxxx	Specific Gravity Flowing Fluid xxxxxx	Critical Pressure 663.1 PSIA	Critical Temperature 356.2°R
1.	.21	544	1.53	.981	0.000	0.000	0.000	0.000	663.1 PSIA	356.2°R
2.	.20	542	1.52	.981	0.000	0.000	0.000	0.000	663.1 PSIA	356.2°R
3.	.20	542	1.52	.981	0.000	0.000	0.000	0.000	663.1 PSIA	356.2°R
4.	.20	543	1.52	.981	0.000	0.000	0.000	0.000	663.1 PSIA	356.2°R
5.	0.00	0	0.00	0.000	0.000	0.000	0.000	0.000	663.1 PSIA	356.2°R

Pc 763.2		Pc2 582.5		Gas Liquid Hydrocarbon Ratio Dry Mcf/bbl.		A.P.I. Gravity of Liquid Hydrocarbons Deg.		Specific Gravity Separator Gas xxxxxxx		Specific Gravity Flowing Fluid xxxxxx		Critical Pressure 663.1 PSIA		Critical Temperature 356.2°R	
NO	Pt2	Pw	Pw2	Pc2-Pw2	(1)	Pc2	(2)	Pc2	Pc2-Pw2	n					
1.	442.5	669.1	447.7	134.8		2.2233		1.8051							
2.	398.4	638.3	407.5	175.0											
3.	330.9	585.9	343.2	239.2											
4.	306.0	565.9	320.2	262.3											
5.	0.0	0.0	0.0	0.0											

Absolute Open Flow 1929 Mcfd @ 15.025 Angle of Slope, 0 36 Slope, n .739

Remarks:

Approved By:	Conducted By: David Weaver	Calculated By: Andrea Carpenter	Checked By:
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