

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☐ Initial ☐ Annual ☐ Special				Test Date 8-8-85		AUG 8 1985	
Company Amoco Production Co.				Connection El Paso Natural Gas Co		OIL CON. DIV.	
Pool Basin				Formation Dakota		Unit D 3	
Completion Date 7-31-85		Total Depth 7584		Plug Back TD 7560		Elevation 6483 GR	
Farm or Lease Trigg		Well No. 1		General GC "B"			
Coq. Size 4.500	Wt. 11.6	d 4.000	Set At 7584	Perforations: From 7376 To 7548			
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 7525	Perforations: From Open To Ended	Unit I	Sec 15	Twp. Rye. 29 9
Type Well - Single - Bordenhead - G.C. or G.O. Multiple Single				Packer Set At None		County San an	
Producing Thru tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		State New xico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	7 Days						1855		1860	
1.	2.375	.750					220		580	3 hrs.
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							Rate of Flow Q, Mc/d
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	
1	12.365		232	1.000	.9258	1.026	725
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mc/d/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons <td>Deq.</td>	Deq.
2.					Specific Gravity Separator Gas <td>X X X X X X X</td>	X X X X X X X
3.					Specific Gravity Flowing Fluid <td>X X X X X</td>	X X X X X
4.					Critical Pressure <td>P.S.I.A.</td>	P.S.I.A.
5.					Critical Temperature <td>R</td>	R

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1		592	350454	3153930	1.1111	1.0822
2						
3						
4						
5						

Absolute Open Flow 2949 Mc/d @ 15.025 Angle of Slope 75
 Remarks: Flared, Lite H2O, Lite condensate
 Approved By Division _____ Conducted By: _____ Calculated By: _____ Checked By: _____