Revised 12-1-55

Company Felhi-Taylor Gil Corp. Lease Pelhi-Taylor Gil Corp. Taylor Gil Grand Ta	6 30 70 31 3. 12
Unit 35/4 Sec. 5 Twp. 31% Rge. 11-W Purchaser Casing 5-1/2 Wt. 17% I.D. 4.89% Set at 7375 Perf. 7270-90 To 7174- Tubing 2-3/8 Wt. 4.7% I.D. 1.995 Set at 7236 Perf. 7232 To 73 Gas Pay: From 7150 To 735% L xG 0.650 GL Bar.Press Producing Thru: Casing Tubing % Type Well Single-Bradenhead-G. G. or G.C Date of Completion: 9-17-00 Packer Some Reservoir Temp. OBSERVED DATA Tested Through (Prover) (Choke) (Nation) Tubing Data Casing Data (Prover) (Choke) Press. Diff. Temp. Press. Temp. Press. Temp. No. (Line) (Orifice) Size psig hw OF. psig OF. psig OF. SI SI Size Size psig hw OF. psig OF. psig OF. 2. 3. 347 231 56 231 57 500 500 500 500 500 500 500 500 500	Duration of Flow Hr.
Casing 5-1/2 Wt. 17# I.D. 4.492 Set at 7375 Perf. 7270-90 To 7174-1 Tubing 2-3/2 Wt. 4.74 I.D. 1.993 Set at 7236 Perf. 7232 To 72 Tubing 2-3/2 Wt. 4.74 I.D. 1.993 Set at 7236 Perf. 7232 To 72 To 72 Gas Pay: From 7150 To 7356 L xG 0.650 GL Bar.Press xG 0.650 GL Bar.Press Producing Thru: Casing Tubing X Type Well Single-Bradenhead-G. G. or G. O. Date of Completion: 9-17-00 Packer Some Reservoir Temp. Single-Bradenhead-G. G. or G. O.	Duration of Flow Hr.
Casing 5-1/2 Wt. 174	Duration of Flow Hr.
Tubing 2-3/R Wt. 4.7/ I.D. 1.685 Set at 7236 Perf. 7232 To 7356 Gas Pay: From 7150 To 7356 L xG 0.650 GL Bar.Press Producing Thru: Casing Tubing X Type Well Single Gas Date of Completion: 9-17-60 Packer Gaser Reservoir Temp. OBSERVED DATA Tested Through (Prover) (Choke) (Note) (Note) Tubing Data Casing Data (Prover) (Choke) Press. Diff. Temp. Press. Temp. Press. Temp. (Line) (Orifice) Size Size psig hw OF. psig OF. psig OF. SI 2062 231 2375 3. 2062 231 2375	Duration of Flow Hr.
Gas Pay: From 7150 To 7356 L xG 0.650 GL Bar.Press Producing Thru: Casing Tubing Type Well Single-Bradenhead-G. G. or G. O Date of Completion: 9-17-00 Packer Reservoir Temp. OBSERVED DATA Tested Through (Prover) (Choke) (Nover) (Choke) Press. Diff. Temp. Press. Temp. Press. Temp. (Choke) Press. Diff. Temp. Press. Temp. Press. Temp. (Line) (Orifice) Size Size psig hw OF. psig OF. psig OF. SI	Duration of Flow Hr.
Producing Thru: Casing Tubing I Type Well Single-Bradenhead-G. G. or G.C Date of Completion: 9-17-00 Packer OBSERVED DATA Tested Through (Phivar) (Choke) (Nivar) Type Taps Flow Data Tubing Data Casing Data (Prover) (Choke) Press. Diff. Temp. Press. Temp. Press. Temp. No. (Line) (Orifice) Size psig hw OF. psig OF. psig OF. SI 1. 2075 SI 2075 SI 2075 SI 2075 SI 2075	Duration of Flow Hr.
Date of Completion:	Duration of Flow Hr.
Tested Through (Photes) (Choke) (News) Flow Data Tubing Data Casing Data (Prover) (Choke) Press. Diff. Temp. Press. Temp. Press. Temp. (Orifice) Size Size psig hw OF. psig OF. psig OF. psig OF. psig OF. SI	Duration of Flow Hr.
Tested Through (Philip) (Choke) (Netlet) Flow Data (Prover) (Choke) Press. Diff. Temp. Press. Temp. Press. Temp. (Line) (Orifice) Size psig hw OF. psig OF. psig OF. SI 1. 2. 2. 2. 3. 3. 3. 4. 3	Duration of Flow Hr.
Flow Data (Prover) (Choke) Press. Diff. Temp. Press. Temp. (Line) (Orifice) Size Size psig h _w OF. psig OF. psig OF. SI 1. 2. 3. 3. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	Duration of Flow Hr.
(Prover) (Choke) (Press. Diff. Temp. Press. Temp. Press. Temp. Size Size psig h _w of psig of	of Flow Hr.
SI 2062 2073 2073 2073 2073 2073 2073 2073 207	Hr.
1. 3/4" 221 56 221 59 300 2. 3.	
2. 3.	
5.	
FLOW CALCULATIONS	
No. Coefficient Pressure Flow Temp. Gravity Compress. Rate Factor Factor Factor Factor Factor Fpv $\sqrt{h_w p_f}$ psia F_t F_g F_{pv}	te of Flow MCFPD 15.025 psia
1. 12.335 233 0.4/41 0.4/41 1.040	¥780
2. 3. 4. 5. 5. 1	
5.	
PRESSURE CALCULATIONS as Liquid Hydrocarbon Ratio cf/bbl. Specific Gravity Separa ravity of Liquid Hydrocarbons deg. Specific Gravity Flowing c (1-e-5) Pc Pc	
No. $\frac{P_{w}}{P_{t} \text{ (psia)}}$ P_{t}^{2} $F_{c}Q$ $(F_{c}Q)^{2}$ $(F_{c}Q)^{2}$ P_{w}^{2} $P_{c}^{2}-P_{w}^{2}$ Cal. P_{c}^{2}	Pw Pc
1. 2. 3. 4.	
Absolute Potential: 3001 MCFPD; n_ 0.75	
ADDRESS P. O. Iverer 1198, Persington, New Mexico	
WITNESSED Pob Mickell COMPANY Il Paso Matural Cas Co.	
REMARKS	

INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q I Actual rate of flow at end of flow period at W. H. working pressure ($P_{\rm W}$). MCF/da. @ 15.025 psia and 60° F.
- P_c= 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pw. Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt. Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pr Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_{t} Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.
- Note: If P_W cannot be taken because of manner of completion or condition of well, then P_W must be calculated by adding the pressure drop due to friction within the flow string to P_+ .