

Form C-122

Revised 12-1-55

100-107-10 AM 8 33

Initial ☒ Annual ☐ Special ☐ Date of Test 4-16-63

Company Amerada Petroleum Corporation Lease Ida Winberley Well No. 14

Unit **0** Sec. **25** Twp. **25** Rge. **37** Purchaser **None**

Casing 2-7/8" Wt. 6.5# I.D. 2.441" Set at 5497' Perf. 3181' To 3247'

Tubing Wt. I.D. Set at Perf. To

Gas Pay: From **3049'** To **3247'** L **3181'** xG **0.65** -GL **2068** Bar.Press. **13.2**

Producing Thru: Casing **X** Tubing _____ Type Well **G.O. Dual**

Date of Completion: **3-15-63** Packer **None** Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp. _____

Tested Through (Prover) XXXXXXXXXX Type Taps _____

FLOW CALCULATIONS

PRESSURE CALCULATIONS

Specific Gravity Separator Gas 0.65
Specific Gravity Flowing Fluid Dry
P_C 380.2 P_C 144.6

Absolute Potential: **1.820** MCFPD; n **0.578** 567

ABSOLUTE POTENTIAL. 2000
COMPANY Amerada Petroleum Corporation

ADDRESS **Box 706, Maricao, New Mexico**

AGENT and TITLE J. Whittling, Gas Eng., El Pas Natural Gas Co.

WITNESSED

COMPANY

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 = Actual rate of flow at end of flow period at W. H. working pressure (P_w).
MCF/da. @ 15.025 psia and 600 F.

P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
psia

P_w = Static wellhead working pressure as determined at the end of flow period.
(Casing if flowing thru tubing, tubing if flowing thru casing.) psia

P_t = Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia

P_f = Meter pressure, psia.

h_w = Differential meter pressure, inches water.

F_g = Gravity correction factor.

F_t = Flowing temperature correction factor.

F_{pv} = Supercompressibility factor.

n = 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_t .