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 60° 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} = Supercompressability 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.

NEW MEXICO OIL CONSERVATION COMMISSION

COMPANY [redacted]

Form C-103
(Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS
(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Aztec Oil and Gas Company Drawer # 570, Farmington, New Mexico
(Address)

LEASE [illegible] WELL NO. B-1 UNIT P S 32 T 29N R 11W

DATE WORK PERFORMED 1/19/61 POOL Basin Dakota

This is a Report of: (Check appropriate block)

- [ ] Beginning Drilling Operations
- [ ] Plugging
- [X] Results of Test of Casing Shut-off
- [ ] Remedial Work
- [ ] Other

Detailed account of work done, nature and quantity of materials used and results obtained.

P.B.T.D. - 6126'
Sand-water fraced with 40,000# 20/40 sand, 20,000# 10/20 sand, 1666 Bbls. water, flushed with 210 Bbls. water
Breakdown pr. - 1900
Maximum - 3800
Avg. treating pr. - 3600
I.R. - 48.5 bpm
dropped 115 balls
5 min. shut-in pr. - 1000
Set 185 jts., 5892' of 2 3/8" tubing, landed at 5892'
Perforated nipple - 5856 - 5859
Shut in for gauge.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____

Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____

Perf Interval (s) _____

Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test		
Oil Production, bbls. per day		
Gas Production, Mcf per day		
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.		
Gas Well Potential, Mcf per day		

Witnessed by _____ _____ (Company)

OIL CONSERVATION COMMISSION

Name Original Signed Emery C. Arnold
Title Supervisor Dist. # 3
Date JAN 23 1961

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name CRIGINAL SIGNED BY JOE C. SALMON
Position Joe C. Salmon District Superintendent
Company Aztec Oil and Gas Company

RECEIVED
JAN 23 1961