

# F. W. MORGAN

GEOLOGIST

P.O. BOX 18602  
WICHITA, KANSAS 67218

Mar. 8, 1982

WICHITA OFFICE 685-6361  
COYVILLE OFFICE 692-5473

Camio Oil Company  
2525 N. New York  
Bldg. 2 - Office 201  
Wichita, Kansas, 67219

Re: No. 1 Bannon  
Sec. 25-27S-3E  
Butler County, Kansas

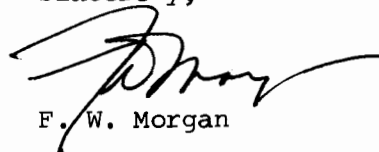
Gentlemen:

Enclosed is my geological log on this well. On the log is all geological data including drilling time, formation tops, sample studies. porous zones, shows of oil, and tests.

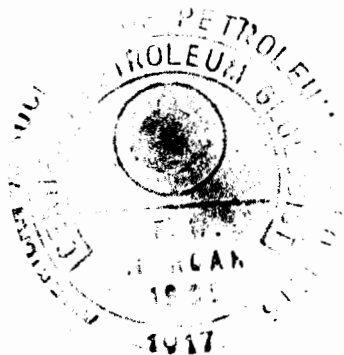
There were shows of oil in the Kansas City and Simpson Sand, both of which were drill stem tested. The Kansas City zone gave up 150 feet of muddy salt water which condemned it.

The Simpson is a little more difficult to evaluate. One-half mile north was a well completed in the Simpson in 1956. It produced a little more than 6,000 BO. The sand was exactly flat with this well. It had 11 feet of porous, oil-bearing sand, so did the Bannon. A drill stem test recovered only a few feet of mud with 740# BHP. The Bannon recovered about 2 feet of mud with 738# BHP, initial and final. The other well was made to produce by fracturing. It was felt that this well lacked permeability as did the other and probably would not be able to recover anymore oil. Because of the poor test it was decided not to attempt a completion.

Sincerely,



F. W. Morgan





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 14131

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 262-5861

Elevation Formation Eff. Pay Ft.

District Augusta Date 2-4-82 Customer Order No.

COMPANY NAME Camco Oil Co.

ADDRESS

LEASE AND WELL NO. Bannon #1 COUNTY Butler STATE Ka Sec 25 Twp 27 Rge 3E

Mail Invoice To Co. Name Address No. Copies Requested

Mail Charts To Co. Name Address No. Copies Requested

Formation Test No. 1 Interval Tested from 2277 ft. to 2297 ft. Total Depth 2297 ft.

Packer Depth 2277 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 2273 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 2282 ft. Recorder Number 2605 Cap. 4130

Bottom Recorder Depth (Outside) 2286 ft. Recorder Number 10979 Cap. 4100

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor McAlister #1 Drill Collar Length 120 I. D. in.

Mud Type Viscosity 33 Weight Pipe Length I. D. in.

Weight 9.4 Water Loss 12 cc. Drill Pipe Length I. D. in.

Chlorides 1600 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make NO Serial Number Anchor Length 29 1/4 ft. Size 3 1/2 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 2 1/8 in. Bottom Choke Size 4 1/2 in.

Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 in.

Blow: Weak throughout test

Recovered 150 ft. of muddy salt water
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Table with columns for Time On Location, Time Pick Up Tool, Time Off Location, Time Set Packer(s), Time Started Off Bottom, Maximum Temperature, Initial Hydrostatic Pressure, Initial Flow Period, Initial Closed In Period, Final Flow Period, Final Closed In Period, Final Hydrostatic Pressure.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made. All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Signature of Customer or his authorized representative

Western Representative Kenneth Kunkendoll

FIELD INVOICE

Table with columns for Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance, TOTAL.



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO: 10049

P. O. BOX 1599 PHONE (316) 262-5861 WICHITA, KANSAS 67201

Elevation \_\_\_\_\_ Formation Simp Eff. Pay \_\_\_\_\_ Ft.

District Augusta Date 3-5-82 Customer Order No. \_\_\_\_\_

COMPANY NAME Camjo Oil Co.

ADDRESS 2525 No New York - Bldg, Wichita, Ks

LEASE AND WELL NO. Bannon #1 COUNTY Butler STATE Ks Sec 5 Twp 27S Rge 3E

Mail Invoice To Camjo Co. Name \_\_\_\_\_ Address \_\_\_\_\_ No. Copies Requested 1

Mail Charts To Camjo Co. Name \_\_\_\_\_ Address \_\_\_\_\_ No. Copies Requested 5

Formation Test No. 2 Interval Tested from 2982 ft. to 2991 ft. Total Depth 2771 ft.

Packer Depth 2783 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Packer Depth 2777 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 2987 ft. Recorder Number 13268 Cap. 4225

Bottom Recorder Depth (Outside) 2997 ft. Recorder Number 1049 Cap. 4250

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor McAllister #1 Drill Collar Length 183 I. D. \_\_\_\_\_ in.

Mud Type Spem Viscosity 39 Weight Pipe Length \_\_\_\_\_ I. D. \_\_\_\_\_ in.

Weight 7.5 Water Loss 12 cc. Drill Pipe Length 2777 I. D. \_\_\_\_\_ in.

Chlorides 1400 P.P.M. Test Tool Length 20 ft. Tool Size 55 in.

Jars: Make Wong Serial Number \_\_\_\_\_ Anchor Length 9 ft. Size 55 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 1/2 in. Tool Joint Size H 3/4 in.

Blow: Weak did 7 min into 1st flow. Flushed only. No blow 2nd flow.

Recovered 2 ft. of Drilling mud

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

Time On Location 3:30 A.M. Time Pick Up Tool 5:00 A.M. Time Off Location 12:00 A.M.

Time Set Packer(s) 7:00 P.M. Time Started Off Bottom 8:45 P.M. Maximum Temperature 102°

Initial Hydrostatic Pressure (A) 1540 P.S.I.

Initial Flow Period (B) 30 Minutes (C) 21 P.S.I.

Initial Closed In Period (D) 30 Minutes (E) 736 P.S.I.

Final Flow Period (F) 15 Minutes (G) 42 P.S.I.

Final Closed In Period (H) 30 Minutes (I) 736 P.S.I.

Final Hydrostatic Pressure (J) 1540 P.S.I.

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All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By \_\_\_\_\_ Signature of Customer or his authorized representative

Western Representative Robert Davis

FIELD INVOICE

- Open Hole Test \$
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
50 Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
TOTAL \$