



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N^o 6341

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 1436 KB

Formation Miss

Eff. Pay Ft.

District B

Date 12-11-84

Customer Order No.

COMPANY NAME Saco Oil Company

ADDRESS P.O. Box 231 Eldorado Ks 67042

LEASE AND WELL NO. Connell #3 COUNTY Butler STATE Ks Sec. 1 Twp. 28 S Rge. 6 E

Mail Invoice To Same #3 Connell H/35 S. Summit, Eldorado 67042 No. Copies Requested 1

Co. Name

Address

Mail Charts To Same 1 copy Rex Ashlock No. Copies Requested 5

Address

Formation Test No. 1 Interval Tested From 2761 ft. to 2780 ft. Total Depth 2780 ft.

Packer Depth 2761 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 2756 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 2772 ft.

Recorder Number 13266 Cap. 4200

Bottom Recorder Depth (Outside) 2775 ft.

Recorder Number 3354 Cap. 4200

Below Straddle Recorder Depth ft.

Recorder Number Cap.

Drilling Contractor White & Ellis Drilling #5

Drill Collar Length 255 I. D. 2 1/4 in.

Mud Type Chem Viscosity 41

Weight Pipe Length I. D. in.

Weight 9.6 Water Loss 10.0 cc.

Drill Pipe Length 2486 I. D. 3.8 in.

Chlorides 1800 P.P.M.

Test Tool Length 20 ft. Tool Size 5 1/2 OD in.

Jars: Make Serial Number

Anchor Length 19 ft. Size 5 1/2 OD in.

Did Well Flow? No Reversed Out No

Surface Choke Size 34 in. Bottom Choke Size 34 in.

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

Blow: Drain throat test

Recovered 145 ft. of Gas in pipe

Recovered 20 ft. of Free oil (33 Gravity corrected)

Recovered 25 ft. of Oil & Gas cut muddy salt water 30% oil 70% muddy salt water

Recovered 240 ft. of Slightly muddy salt water w/ trace of oil 63,000 PPM Chlorides

Recovered ft. of 18 lbs @ 65°F

Chlorides 63,000 P.P.M. Sample Jars used 3 Remarks:

Time On Location 5:00 12-11 A.M.

Time Pick Up Tool 7:30 A.M.

Time Off Location Standby A.M.

Time Set Packer(s) 8:30 A.M.

Time Started Off Bottom 11:30 A.M.

Maximum Temperature 107 P.M.

Initial Hydrostatic Pressure (A) 1445 P.S.I.

Initial Flow Period Minutes 45 (B) 40 P.S.I. to (C) 110 P.S.I.

Initial Closed In Period Minutes 45 (D) 740 P.S.I.

Final Flow Period Minutes 45 (E) 160 P.S.I. to (F) 160 P.S.I.

Final Closed In Period Minutes 45 (G) 730 P.S.I.

Final Hydrostatic Pressure (H) 1445 P.S.I.

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 R. R. Ashlock

Signature of Customer or his authorized representative

Western Representative Norman Allen

FIELD INVOICE

Open Hole Test \$ 550

Misrun \$

Straddle Test \$

Jars \$

Selective Zone \$

Safety Joint \$

Standby \$

Evaluation \$

Extra Packer \$

Circ. Sub. \$

Mileage \$

Fluid Sampler \$

Extra Charts \$

Insurance \$ 50

Telecopier \$

TOTAL \$

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/11/84
CUSTOMER: SACO OIL COMPANY
WELL: 3 TEST: 1
ELEVATION (KB): 1436 FORMATION: MISSISSIPPIAN
SECTION: 1 TOWNSHIP: 28S
RANGE: 6E COUNTY: BUTLER STATE: KANSAS
GAUGE SN #13266 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 2761 FT TO: 2780 FT TOTAL DEPTH: 2780 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2761 FT SIZE: 6 3/4 IN PACKER DEPTH: 2756 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS DRLG
MUD TYPE: CHEMICAL VISCOSITY: 41
WEIGHT: 9.6 WATER LOSS (CC): 10.
CHLORIDES (P.P.M.): 1800
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 255 FT I.D.: 2 1/4 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2486 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 19 FT SIZE: 5 1/2 OD IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 IF IN

BLOW: INITIAL FLOW PERIOD FAIR BLOW
FINAL FLOW PERIOD FAIR BLOW

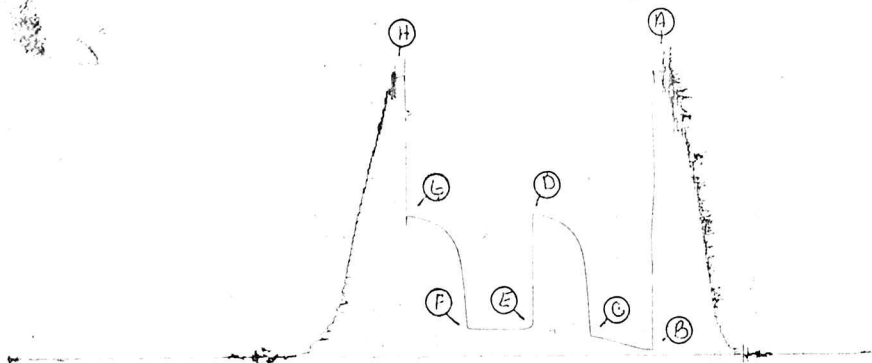
RECOVERED: 145 FT OF: GAS IN PIPE
RECOVERED: 20 FT OF: FREE OIL (33 GRAVITY CORRECTED)
RECOVERED: 25 FT OF: OIL & GAS CUT MUDDY SALTWATER (30% O; 70% MSW)
RECOVERED: 240 FT OF: SLIGHTLY MUDDY SALTWATER W/TRACE OF OIL
RECOVERED: FT OF: 18 RES @ 65 DEGREES
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: CHLORIDES 63000 P.P.M.

TIME SET PACKER(S): 8:30 AM TIME STARTED OFF BOTTOM: 11:30 AM
WELL TEMPERATURE: 107 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1458 PSI
INITIAL FLOW PERIOD MIN: 45 (B) 29 PSI TO (C) 103 PSI
INITIAL CLOSED IN PERIOD MIN: 42 (D) 733 PSI
FINAL FLOW PERIOD MIN: 45 (E) 140 PSI TO (F) 144 PSI
FINAL CLOSED IN PERIOD MIN: 45 (G) 727 PSI
FINAL HYDROSTATIC PRESSURE (H) 1436 PSI

TKT # 60349

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TRT # 10347

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