



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 9534 OK

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

Elevation 1335 Rd Formation Mus Eff. Pay Ft.

District Augusta Date 8-9-85 Customer Order No.
COMPANY NAME Robinson Oil Co. 300 W Douglas
ADDRESS 737 R. H. Harvey Bldg Wichita Ks
LEASE AND WELL NO Bates "A" 1 COUNTY Sumner STATE Ks Sec. 25 Twp. 30 Rge. 2W
Mail Invoice To Same #1 "A" BATES No. Copies Requested 1
Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 1 Interval Tested From 3752 ft. to 3768 ft. Total Depth 3819 ft.
Packer Depth 3752 ft. Size 6 3/4 in. Packer Depth 3768 ft. Size 6 3/4 in.
Packer Depth 3747 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set
Top Recorder Depth (Inside) 3755 ft. Recorder Number 2605 Cap. 4150
Bottom Recorder Depth (Outside) 3760 ft. Recorder Number Cap.
Below Straddle Recorder Depth 3770 ft. Recorder Number 2608 Cap. 4175
Drilling Contractor RRA #1 Drill Collar Length 360 I. D. 2 25 in.
Mud Type Pre-Mix Chem Viscosity 48 Weight Pipe Length I. D. in.
Weight 9.7 Water Loss 9.8 Drill Pipe Length 3372 I. D. 3.8 in.
Chlorides 2500 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
Jars: Make NO Serial Number Anchor Length 16 ft. Size 5 1/2 in.
Did Well Flow? Reversed Out 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 x 1 1/4 in.

Blow: Very wR died 10 min first flow, NO blow second flow

Recovered 10 ft. of mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Chlorides P.P.M. Sample Jars used Remarks:

Time On Location 6:30 A.M. Time Pick Up Tool 6:45 P.M. Time Off Location A.M. P.M.
Time Set Packer(s) 8:45 A.M. P.M. Time Started Off Bottom 10:45 A.M. P.M. Maximum Temperature 118°
Initial Hydrostatic Pressure (A) 190 P.S.I.
Initial Flow Period Minutes 30 (B) 3 P.S.I. to (C) 21 P.S.I.
Initial Closed In Period Minutes 30 (D) 13 P.S.I.
Final Flow Period Minutes 30 (E) 21 P.S.I. to (F) 21 P.S.I.
Final Closed In Period Minutes 30 (G) 52 P.S.I.
Final Hydrostatic Pressure (H) 190 P.S.I.

COMPANY TERMS 12 1985

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]
Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

Open Hole Test \$ 550
Misrun \$
Straddle Test \$ 200
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$ 225
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$

WESTERN TESTING CO., INC.

Pressure Data

Date 8-9

Test Ticket No. 9534

Recorder No. 2605 Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1922</u> P.S.I.			
B First Initial Flow Pressure	<u>27</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>27</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>63</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>26</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>26</u> P.S.I.			
G Final Closed-in Pressure	<u>51</u> P.S.I.			
H Final Hydrostatic Mud	<u>1880</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 12 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

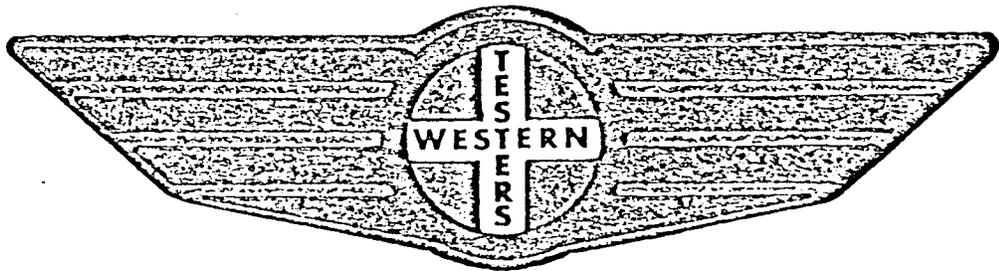
Final Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>27</u>	0	<u>27</u>	0	<u>26</u>	0	<u>26</u>
P 2 5		3		5		3	<u>27</u>
P 3 10		6		10		6	<u>28</u>
P 4 15		9		15		9	<u>29</u>
P 5 20		12		20		12	<u>31</u>
P 6 25		15		25		15	<u>34</u>
P 7 30	<u>27</u>	18	<u>36</u>	30	<u>26</u>	18	<u>38</u>
P 8 35		21	<u>41</u>	35		21	<u>42</u>
P 9 40		24	<u>48</u>	40		24	<u>45</u>
P10 45		27	<u>54</u>	45		27	<u>48</u>
P11 50		30	<u>59</u>	50		30	<u>51</u>
P12 55		33	<u>63</u>	55		33	
P13 60		36		60		36	
P14 65		39		65		39	
P15 70		42		70		42	
P16 75		45		75		45	
P17 80		48		80		48	
P18 85		51		85		51	
P19 90		54		90		54	
P20 95		57		95		57	
100		60		100		60	

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company ROBINSON OIL COMPANY Lease & Well No. #1 "A" BATES Sec. 25 Twp. 30S Rge. 2W Test No. 1 Date 8/9/85

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8-9-85
 CUSTOMER: ROBINSON OIL COMPANY
 WELL: 1 TEST: 1
 ELEVATION (KB): 1335
 SECTION: 25
 RANGE: 2W COUNTY: SUMNER STATE: KANSAS
 GAUGE SN #2605 RANGE: 4150 CLOCK: 12

TICKET #9534
 LEASE: "A" BATES
 GEOLOGIST: J.A. SMITH
 FORMATION: MISSISSIPPI
 TOWNSHIP: 30S

INTERVAL TEST FROM: 3752 FT TO: 3768 FT TOTAL DEPTH: 3810 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 3752 FT SIZE: 6 3/4 IN PACKER DEPTH: 3747 FT SIZE: 6 3/4 IN
 PACKER DEPTH: 3768 FT SIZE: 6 3/4 IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: R.R.A. DRLG. RIG #1
 MUD TYPE: PREMIXCHEM VISCOSITY: 48
 WEIGHT: 9.7 WATER LOSS (CC): 9.8
 CHLORIDES (P.P.M.): 2500
 JARS - MAKE: NO SERIAL NUMBER:
 DID WELL FLOW? REVERSED OUT?

DRILL COLLAR LENGTH: 360 FT I.D.: 2.25 IN
 WEIGHT PIPE LENGTH: FT I.D.: IN
 DRILL PIPE LENGTH: 3372 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
 ANCHOR LENGTH: 16 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 XH IN

BLOW: INITIAL FLOW PERIOD VERY WEAK BLOW;
 DIED IN 10 MINUTES.
 FINAL FLOW PERIOD NO BLOW.

RECOVERED: 10 FT OF: MUD.
 RECOVERED: FT OF:
 RECOVERED: FT OF:

REMARKS:

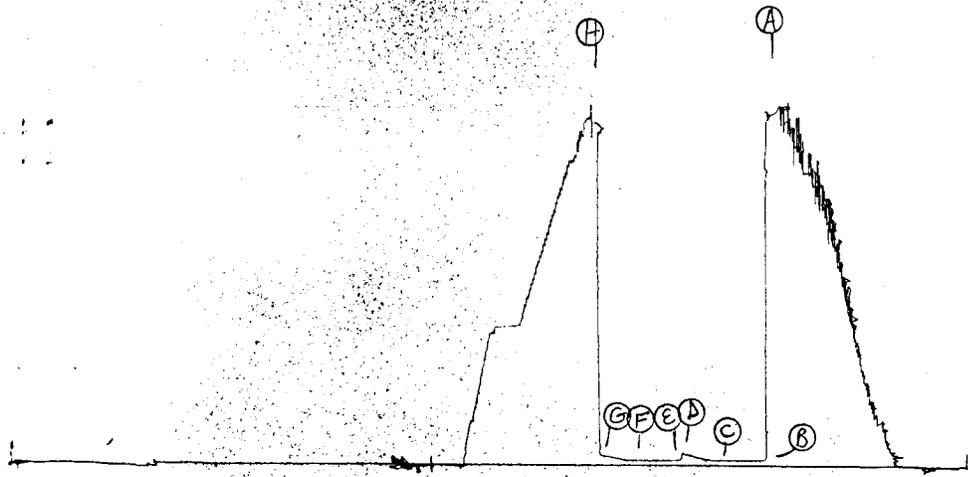
TIME SET PACKER(S): 8:45
 WELL TEMPERATURE: 118 'F
 INITIAL HYDROSTATIC PRESSURE:
 INITIAL FLOW PERIOD MIN: 30
 INITIAL CLOSED IN PERIOD MIN: 33
 FINAL FLOW PERIOD MIN: 30
 FINAL CLOSED IN PERIOD MIN: 30
 FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 10:45
 (A) 1922 PSI
 (B) 27 PSI TO (C) 27 PSI
 (D) 63 PSI
 (E) 26 PSI TO (F) 26 PSI
 (G) 51 PSI
 (H) 1880 PSI

TKT # 9534

2605
DST#1

I



TKT # 9534

Bottom

Below Straddle

CD/AVT

STRADOL

TEST

TK 9534

