



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO 10295

*OK*

P. O. BOX 1599 WICHITA, KANSAS 67201

Tight Hole  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Eff. Pay \_\_\_\_\_ Ft.

District WAKEENEY Date 5-13-81 Customer Order No. \_\_\_\_\_

COMPANY NAME Reach Petroleum Corporation  
ADDRESS 3751 E. Douglas - Wichita, KS. 67218

LEASE AND WELL NO. MARTIN #1 COUNTY NESS STATE KS. Sec. 15 Twp. 16S Rge. 26E

Mail Invoice To SAME Co. Name \_\_\_\_\_ Address \_\_\_\_\_ No. Copies Requested 8

Mail Charts To SAME Co. Name \_\_\_\_\_ Address \_\_\_\_\_ No. Copies Requested 8

Formation Test No. 1 Interval Tested from 4501 ft. to 4513 ft. Total Depth 4513 ft.  
Packer Depth 4496 ft. Size 6 7/8 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 4501 ft. Size 6 7/8 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 4504 ft. Recorder Number 2604 Cap. 4150  
Bottom Recorder Depth (Outside) 4507 ft. Recorder Number 6246 Cap. 5200  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Reach Drilling #1 Drill Collar Length 240 I. D. 2 1/2 in.  
Mud Type MON-PAC Viscosity 95 Weight Pipe Length \_\_\_\_\_ I. D. \_\_\_\_\_ in.  
Weight 9.17 Water Loss 12 cc. Drill Pipe Length 4241 I. D. 3.8 in.  
Chlorides 1,000 P.P.M. Test Tool Length 70 ft. Tool Size 5 1/2 O.D. in.  
Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length 1 1/2 ft. Size 5 1/2 O.D. 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 in.

Blow: \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of Mis-run - No packer set  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered 420 ft. of DR 19. Mud.  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Remarks: TRIED TO SET PACKERS TWICE

Time On Location 4:00 A.M. Time Pick Up Tool 6:00 A.M. Time Off Location \_\_\_\_\_ A.M.  
Time Set Packer(s) 8:00 P.M. Time Started Off Bottom 8:15 P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure (A) 2194 P.S.I.  
Initial Flow Period (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period (D) \_\_\_\_\_ P.S.I.  
Final Flow Period (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure (H) 2194 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 Charles R. Phoadis  
Signature of Customer or his authorized representative

Western Representative David Shaw  
Thank you

FIELD INVOICE

Open Hole Test	\$	400.00
Misrun	\$	
Straddle Test	\$	
Jars	\$	
Selective Zone	\$	
Safety Joint	\$	
Standby	\$	
Evaluation	\$	
Extra Packer	\$	
Circ. Sub.	\$	
Mileage <u>45</u>	\$	<u>133.25</u>
Fluid Sampler	\$	
<u>3</u> Extra Charts <u>10"</u>	\$	<u>30.00</u>
Insurance	\$	
TOTAL	\$	<u>463.75</u>

2000

SKA # 10295

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Leaf  
Mammals



Company Reach Petroleum Corporation Lease & Well No. Martin #1  
 Elevation ----- Formation - Effective Pay - Ft. Ticket No. 10295  
 Date 5/13/81 Sec. 15 Twp. 16S Range 26W County Ness State Kansas  
 Test Approved by Charles R. Rhoades Western Representative Dave Sloan

Formation Test No. I Interval Tested from 4501 ft. to 4513 ft. Total Depth 4513 ft.  
 Packer Depth 4496 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 4501 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -  
 Top Recorder Depth (Inside) 4504 ft. Recorder Number 2604 Cap 4150  
 Bottom Recorder Depth (Outside) 4507 ft. Recorder Number 6246 Cap 5200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap -

Drilling Contractor Reach Drilling Rig #1 Drill Collar Length 240 I. D. 2.2 in.  
 Mud Type mon-pac Viscosity 95 Weight Pipe Length - I. D. - in.  
 Weight 9.1 Water Loss 12 cc. Drill Pipe Length 4241 I. D. 3.8 in.  
 Chlorides 7,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.  
 Jars: Make - Serial Number - Anchor Length 12 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 XH in.

Blow: -----  
 Recovered 420 ft. of drilling mud  
 Recovered ----- ft. of MISRUN NO PACKER SEAT  
 Recovered ----- ft. of -----  
 Recovered ----- ft. of -----  
 Recovered ----- ft. of MISRUN  
 Remarks: TRIED TO SET PACKERS TWICE.

Time Set Packer(s) 8:00 A.M. Time Started Off Bottom 8:15 A.M. Maximum Temperature -----  
 Initial Hydrostatic Pressure ----- (A) 2194 P.S.I.  
 Initial Flow Period ----- Minutes (B) - P.S.I. to (C) - P.S.I.  
 Initial Closed In Period ----- Minutes (D) - P.S.I.  
 Final Flow Period ----- Minutes (E) - P.S.I. to (F) - P.S.I.  
 Final Closed In Period ----- Minutes (G) - P.S.I.  
 Final Hydrostatic Pressure ----- (H) 2194 P.S.I.