



Ricketts Testing, Inc.

Company CHARRO OPERATING, LLC Lease & Well No. KERLEY #1
 Elevation 1254 G.L. Formation SIMPSON SAND Ticket No. 2026
 Date 7-29-01 Sec. 1 Twp. 30S Range 1W County SUMNER State KS
 Test Approved by ROGER ANDERSON Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 3870 ft. to 3890 ft. Total Depth 3950 ft.
 Packer Depth 3870 ft. Size 6 3/4 in. Packer Depth 3894 ft. Size 6 3/4 in.
 Packer Depth 3890 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3875 ft. Recorder Number Z43 Cap. 6000
 Bottom Recorder Depth (Outside) 3878 ft. Recorder Number 13565 Cap. 4475
 Below Straddle Recorder Depth 3947 ft. Recorder Number 13306 Cap. 4625

Drilling Contractor BERENTZ DRILLING RIG #1 Drill Collar Length 241 I.D. 2.25 in.
 Mud Type CHEMICAL Viscosity 43 Weight Pipe Length _____ I.D. _____ in.
 Weight 9.3 Water Loss 10.0 cc. Drill Pipe Length 3867 I.D. 3.25 in.
 Chlorides 1100 P.P.M. Test Tool Length 20 ft. Tool Size. 5 1/2 in.
 Jars: Make STERLING Serial Number 404 Anchor Length 20'W/60'TAIL PIPE Size 5 1/2 in.
 Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: WEAK BLOW BUILDING TO 6" IN WATER INITIAL FLOW PERIOD.
WEAK BLOW BUILDING TO A STRONG BLOW FINAL FLOW PERIOD.

Recovered 460 ft. of MUD CUT SALT WATER.
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: DST FLUID CHLORIDES 40,000 PPM

Time Set Packer (s) 1:09 PM. Time Started Off Bottom 4:54 P M. Maximum Temperature 124°
 Initial Hydrostatic Pressure(A) 1918 P.S.I.
 Initial Flow PeriodMinutes 15 (B) 13 P.S.I. to
 (C) 15 P.S.I.
 Initial Closed In PeriodMinutes 30 (D) 1469 P.S.I.
 Final Flow PeriodMinutes 60 (E) 103 P.S.I. to
 (F) 217 P.S.I.
 Final Closed In PeriodMinutes 120 (G) 1420 P.S.I.
 Final Hydrostatic Pressure(H) 1853 P.S.I.



Company Name Charro Operating LLC
Well Name Kerley #1
Type of Test DST#1
Date(s) of Test 7-29-01



7-29-01 DST#1 Kerley #1 Copy of Z43 Graph (1)

