

Company Aspen Oil , Inc. Lease & Well No. Willhaus "A" #1
 Elevation 1641 Kelly Bushing Formation Cherty Conglomerate Effective Pay - Ft. Ticket No. 6810
 Date 2/21/81 Sec. 28 Twp. 20S Range 7W County Rice State Kansas
 Test Approved by David J Goldak Western Representative Allen Edgington

Formation Test No. 1 Interval Tested from 3336 ft. to 3360 ft. Total Depth 3360 ft.

Packer Depth 3331 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3336 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3352 ft. Recorder Number 3354 Cap. 4200

Bottom Recorder Depth (Outside) 3355 ft. Recorder Number 13260 Cap. 4225

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Aspen Rig #1 Drill Collar Length 116 I. D. 3 in. 4 1/2 IF

Mud Type Starch Viscosity 38 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 15.0 cc. Drill Pipe Length 3262 I. D. 2.8 in.

Chlorides N/A P.P.M. Test Tool Length 28 ft. Tool Size 5 in.

Jars: Make WTC Serial Number 414 Anchor Length 24 ft. Size 4 1/2 in.

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

Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2 IF in.

Blow: Fair throughout test

Recovered 58 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 2:30 A.M. Time Started Off Bottom 5:30 P.M. Maximum Temperature 104

Initial Hydrostatic Pressure (A) 1856 P.S.I.

Initial Flow Period Minutes 30 (B) 89 P.S.I. to (C) 68 P.S.I.

Initial Closed In Period Minutes 60 (D) 167 P.S.I.

Final Flow Period Minutes 30 (E) 80 P.S.I. to (F) 74 P.S.I.

Final Closed In Period Minutes 60 (G) 176 P.S.I.

Final Hydrostatic Pressure (H) 1737 P.S.I.

JKL # 6810
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