

Company Cascade Oil Company Lease & Well No. Palmer #3-1
Elevation --- Formation Mississippi Effective Pay - Ft. Ticket No. 13118
Date 1/ 23/82 Sec. 3 Twp. 32S Range 10E County Chautauqua State Kansas
Test Approved by Mike Beneke Western Representative Robert Davis
Formation Test No. 1 Interval Tested from 2026 ft. to 2042 ft. Total Depth 2042 ft.
Packer Depth 2026 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 2042 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 2031 ft. Recorder Number 11018 Cap. 4425
Bottom Recorder Depth (Outside) 2035 ft. Recorder Number 13403 Cap. 4050
Below Straddle Recorder Depth WTC ft. Recorder Number N/A Cap. -
Drilling Contractor Cascade Drlg. Rig 101 Drill Collar Length 376 I. D. - in.
Mud Type chemical Viscosity 37 Weight Pipe Length - I. D. - in.
Weight 9.1 Water Loss - cc. Drill Pipe Length 1999 I. D. - in.
Chlorides 3,000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
Jars: Make WTC Serial Number 402 Anchor Length 16 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out Yes 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.

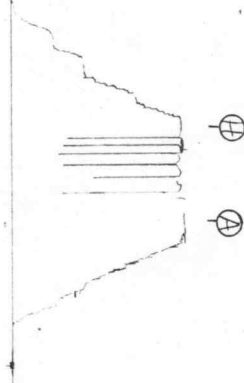
MISRUN

Blow: _____
480 ft. of drilling mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

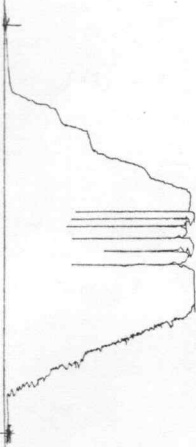
Remarks: PACKER SEAT FAILURE MISRUN

Time Set Packer(s) 6:00 ~~AM~~ P.M. Time Started Off Bottom 6:30 ~~AM~~ P.M. Maximum Temperature ?
Initial Hydrostatic Pressure (A) 985 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) 962 P.S.I.

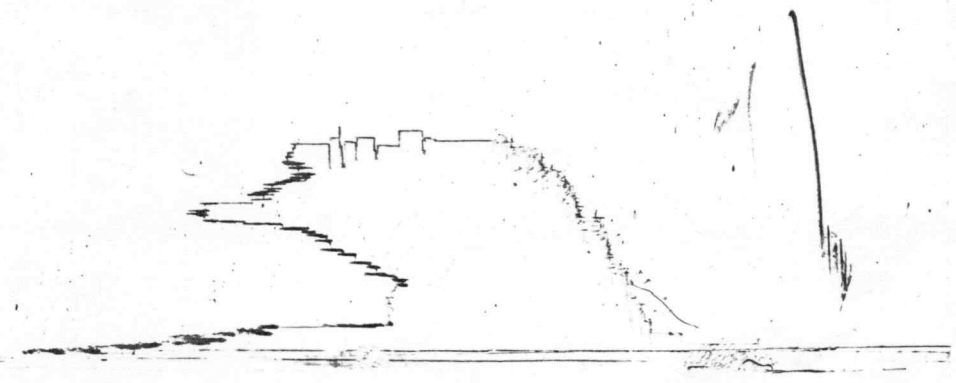
TKT # 13118
I



TKT # 13118
O



TKT # 13118
Below Straddle



Company Cascade Oil Company Lease & Well No. Palmer #3-1
Elevation --- Formation Mississippi Effective Pay - Ft. Ticket No. 13119
Date 1/ 24/82 Sec. 3 Twp. 32S Range 10E County Chautauqua State Kansas
Test Approved by Mike Beneke Western Representative Robert Davis
Formation Test No. 2 Interval Tested from 1990 ft. to 2046 ft. Total Depth 2400 ft.
Packer Depth 1990 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 2046 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 1995 ft. Recorder Number 11018 Cap. 4425
Bottom Recorder Depth (Outside) 1999 ft. Recorder Number 13403 Cap. 4050
Below Straddle Recorder Depth WIC ft. Recorder Number N/A Cap. -
Drilling Contractor Cascade Drlg. Rig 101 Drill Collar Length 376 I. D. - in.
Mud Type chemical Viscosity 45 Weight Pipe Length - I. D. - in.
Weight 9.3 Water Loss 8.1 cc. Drill Pipe Length 1968 I. D. - in.
Chlorides 3,000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
Jars: Make WIC Serial Number 402 Anchor Length 56 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out Yes Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 Tool Joint Size 3 1/2 IF in.

Blow: MISRUN

Recovered 360 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

PACKER SEAT FAILURE

MISRUN

Remarks:

Time Set Packer(s) 3:00 ~~A.M.~~ P.M. Time Started Off Bottom 3:00 ~~A.M.~~ P.M. Maximum Temperature ?
Initial Hydrostatic Pressure (A) 931 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) 920 P.S.I.

TKT # 13119

I

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TKT # 13119

O

13403

TKT # 13119
Below Straddle

