

15-009-25218

2-17s-12w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

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Page 1 of 2 Pages

Company C & K Oil Company Lease & Well No. Hitschmann "B" No. 3Elevation 1936 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. C77Date 7-20-08 Sec. 2 Twp. 17S Range 12W County Barton State KansasTest Approved By Jim Musgrove Diamond Representative Chris RedetzkeFormation Test No. 1 Interval Tested from 3,374 ft. to 3,408 ft. Total Depth 3,408 ft.Packer Depth 3,369 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.Packer Depth 3,374 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.Depth of Selective Zone Set ft.Top Recorder Depth (Inside) 3,377 ft. Recorder Number 30035 Cap. 5,000 psiBottom Recorder Depth (Outside) 3,405 ft. Recorder Number 13387 Cap. 4,000 psiBelow Straddle Recorder Depth ft. Recorder Number Cap. psiDrilling Contractor Royal Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.Mud Type Chemical Viscosity 41 Weight Pipe Length -- ft. I.D. -- in.Weight 9.4 Water Loss 10.2 cc. Drill Pipe Length 3,354 ft. I.D. 3 1/2 in.Chlorides 4,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.Jars: Make Sterling Serial Number Not Run Anchor Length 34 ft. Size 4 1/2 - FH in.Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Fair, 1/2 in., blow increasing to 10 ins. No blow back during shut-in.

2nd Open: Weak surface blow increasing to 5 1/2 ins. No blow back during shut-in.

Recovered 75 ft. of clean oil = .966000 bbls. (Gravity: 37 @ 60°)Recovered 60 ft. of heavy oil cut watery mud = .772800 bbls. (Grind out: 4%-water; 35%-oil; 61%-mud)Recovered 135 ft. of TOTAL FLUID = 1.738800 bblsRecovered ft. of Recovered ft. of Remarks Tool Sample Grind Out: 4%-water; 35%-oil; 61%-mudTime Set Packer(s) 7:54 ~~XXX~~ A.M. Time Started Off Bottom 10:39 ~~XXX~~ A.M. Maximum Temperature 107°Initial Hydrostatic Pressure (A) 1748 P.S.I.Initial Flow Period Minutes 45 (B) 29 P.S.I. to (C) 57 P.S.I.Initial Closed In Period Minutes 30 (D) 912 P.S.I.Final Flow Period Minutes 45 (E) 57 P.S.I. to (F) 75 P.S.I.Final Closed In Period Minutes 45 (G) 945 P.S.I.Final Hydrostatic Pressure (H) 1634 P.S.I.

GENERAL INFORMATION

Client Information:

Company: C & K OIL CO.

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Site Information:

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

Well Information:

Name: HITSCHMANN 'B' #3

Operator: C & K OIL CO.

Location-Downhole: DST #1 ARBUCKLE 3,374 - 3,408

Location-Surface: sec 2-17S-12W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: CHRIS

Supervisor: JIM MUSGROVE

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2008/07/20

Start Time: 06:03:00

End Date: 2008/07/20

End Time: 12:20:00

Report Date:

Prepared By:

Remarks:

Qualified By:

RECOVERED: 75' CLEAN OIL GRAVITY: 37 @ 60 deg. F.
60' H.O.C.W.M. 4% WTR, 35% OIL, 61% MUD
135' TOTAL FLUID

TOOL SAMPLE: 4% WTR, 35% OIL, 61% MUD

C & KOIL CO.

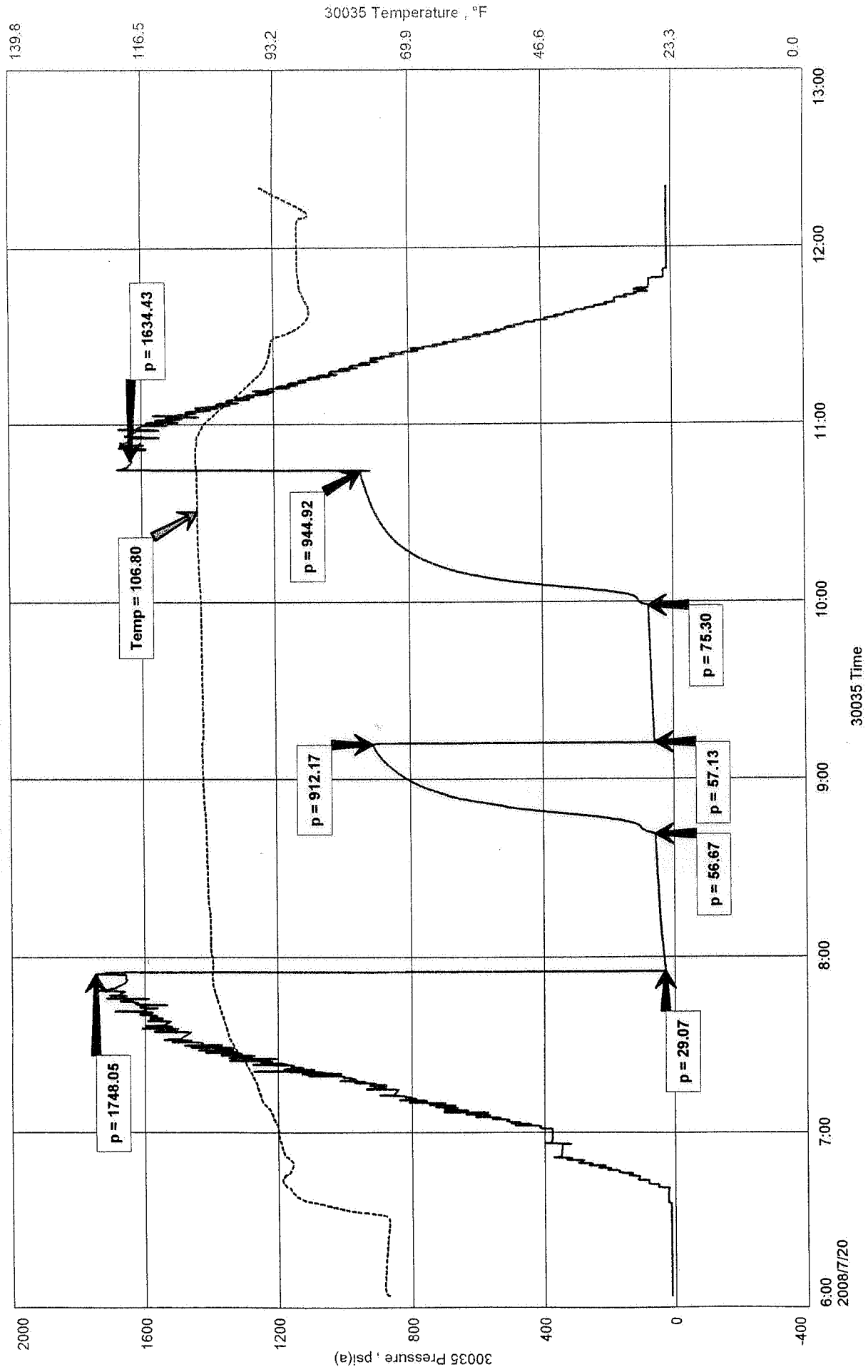
DST #1 ARBUCKLE 3,374 - 3,408

Start Test Date: 2008/07/20

Final Test Date: 2008/07/20

HITSCHMANN 'B' #
Formation: DST #1 ARBUCKLE 3,374 - 3,408.
Pool: WILDCAT

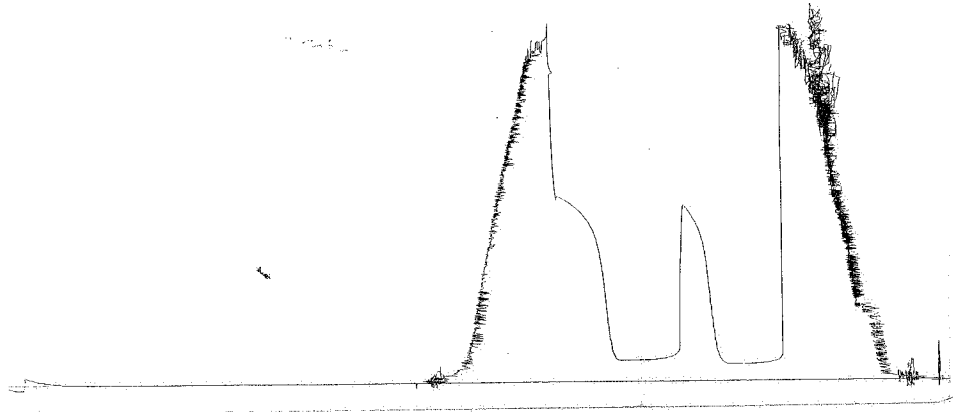
HITSCHMANN 'B' #3



DST #1 outside 13387 3374-3408

Airbuckle

Loc. 3405



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading
	Field Reading		
(A) Initial Hydrostatic Mud	1748	1748	PSI
(B) First Initial Flow Pressure.....	29	29	PSI
(C) First Final Flow Pressure	57	57	PSI
(D) Initial Closed-in Pressure	912	912	PSI
(E) Second Initial Flow Pressure	57	57	PSI
(F) Second Final Flow Pressure.....	75	75	PSI
(G) Final Closed-in Pressure.....	945	945	PSI
(H) Final Hydrostatic Mud.....	1634	1634	PSI