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2006

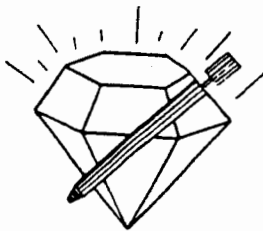
CONFIDENTIAL

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21098.D228

Page 1 of 3 Pages

Company Ritchie Exploration, Inc. Lease & Well No. Penka No. 1 23AD
Elevation 2855KB Formation Myrick/Johnson Effective Pay -- Ft. Ticket No. 2113
Date 3-23-06 Sec. 23 Twp. 17S Range 30W County Lane State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly
Formation Test No. 1 Interval Tested from 4,427 ft. to 4,533 ft. Total Depth 4,533 ft.
Packer Depth 4,422 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,427 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.
Top Recorder Depth (Inside) 4,415 ft. Recorder Number 21098 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,530 ft. Recorder Number 13387 Cap. 4,000 psi
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi
Drilling Contractor L. D. Drilling, Inc. Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 4,402 ft. I.D. 3 1/2 in.
Chlorides 1,600 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number Not Run Anchor Length 43' perf. w/ 63' drill pipe 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: Weak, 1/2 in., blow increasing to 9 ins. Weak surface blow back during shut-in.
2nd Open: Weak, 1/8 in., blow increasing to 11 1/2 ins.
Recovered 80 ft. of gas in pipe
Recovered 10 ft. of clean oil = .142000 bbls. (Gravity: 32 @ 60°)
Recovered 121 ft. of slightly oil cut muddy water = 1.718200 bbls. (Grind out: 2%-oil; 48%-mud; 50%-water)
Recovered 63 ft. of slightly oil cut muddy water = .894600 bbls. (Grind out: 2%-oil; 13%-mud; 85%-water)
Recovered 194 ft. of TOTAL FLUID = 2.754800 bbls.
Remarks Tool Sample Grind Out: 8%-oil; 15%-mud; 77%-water

Time Set Packer(s) 1:42 ~~XXX.~~ P.M. Time Started Off Bottom 4:42 ~~XXX.~~ P.M. Maximum Temperature 123°
Initial Hydrostatic Pressure (A) 2113 P.S.I.
Initial Flow Period Minutes 30 (B) 7 P.S.I. to (C) 48 P.S.I.
Initial Closed In Period Minutes 45 (D) 1076 P.S.I.
Final Flow Period Minutes 45 (E) 49 P.S.I. to (F) 94 P.S.I.
Final Closed In Period Minutes 60 (G) 1032 P.S.I.
Final Hydrostatic Pressure (H) 2110 P.S.I.



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FLUID SAMPLE DATA

Company Ritchie Exploration, Inc.
Lease & Well No. Penka No. 1 23AD
Date 3-23-06 Sec. 23 Twp. 17 S Range 30 W
Formation Test No. 1 Interval Tested From 4,427 ft. to 4,533 ft. Total Depth 4,533 ft.
Formation Myrick/Johnson

	<u>MUD PIT</u>	<u>RECOVERY</u>	<u>RECOVERY</u>
Viscosity	<u>49</u> CP	<u>--</u> CP	
Weight	<u>9.2</u>	<u>--</u>	
Water Loss	<u>8.0</u> CC	<u>--</u> CC	
PH Factor	<u>10.5</u>	<u>--</u>	<u>Water</u> <u>6.5</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE</u> <u>CONTENT</u>
Recovery Water	<u>.26</u> @ <u>56</u> °F.	<u>34,000</u> ppm
Recovery Mud	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud Filtrate	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Mud Pit Sample	<u>1.90</u> @ <u>60</u> °F.	<u>3,800</u> ppm
Mud Pit Sample Filtrate	<u>2.60</u> @ <u>66</u> °F.	<u>2,400</u> ppm

Sample Taken By ROGER D. FRIEDLY
Witness By Kim B. Shoemaker
Remarks Pit filtrate triton dish chlorides were 1,600 Ppm
Recovery water dish chlorides were 31,000 Ppm

GENERAL INFORMATION

Client Information:

Company: RITCHIE EXPLORATION, INC.

Contact: CRAIG CAULK

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: PENKA 23 AD

Operator: RITCHIE EXPLORATION, INC.

Location-Downhole: DST #1 MYRICK / JOHNSON 4,427' - 4,533'

Location-Surface: SEC 23-17S-30W LANE COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2006/03/23 Start Time: 11:35:00

End Date: 2006/03/23 End Time: 18:33:00

Report Date: Prepared By:

Remarks: Qualified By:

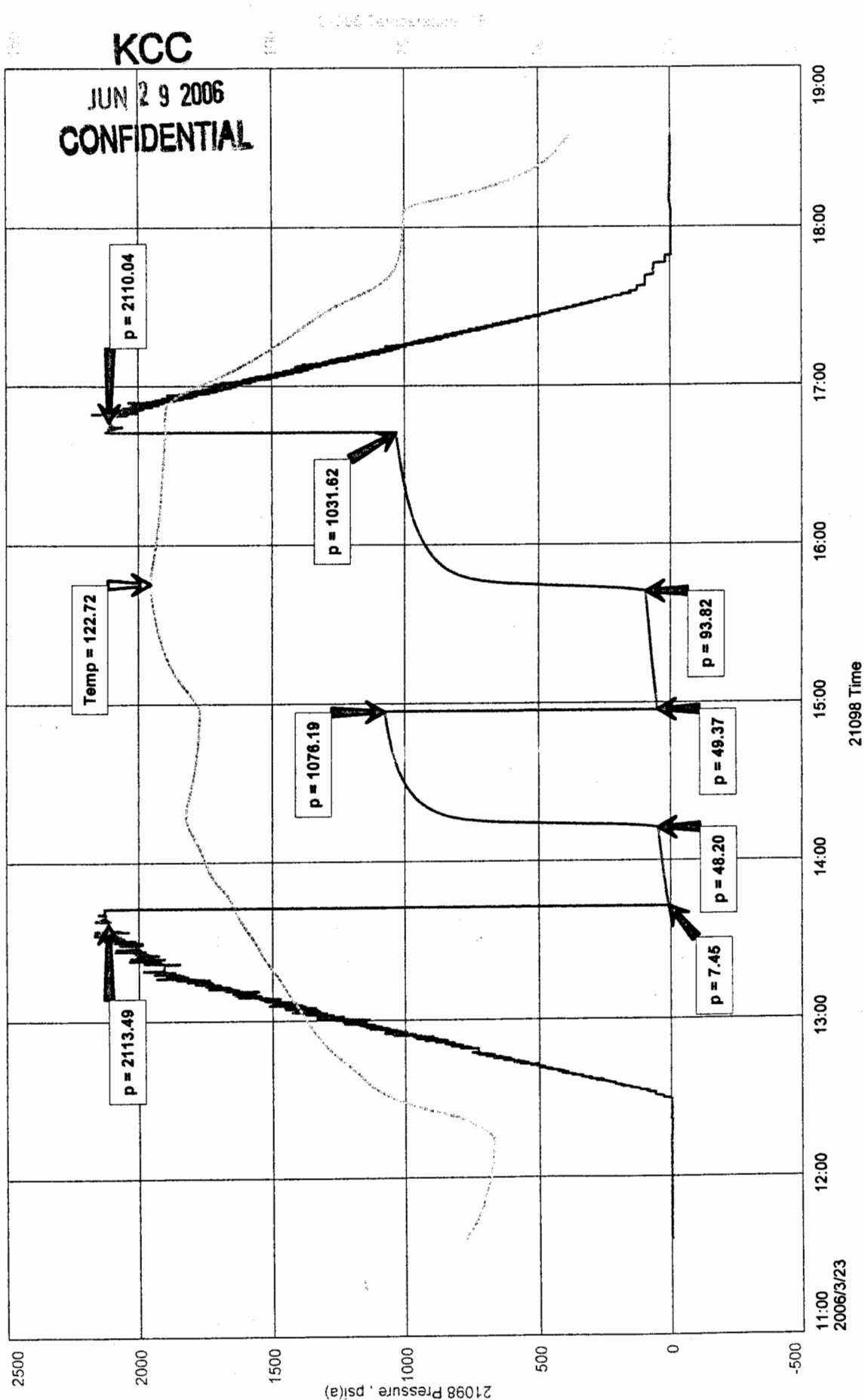
RECOVERED: 80' GAS IN PIPE
10' CLEAN OIL 32 GRAVITY @ 60 deg.
121' SOCMW 2% OIL, 48% MUD, 50% WTR
63' SOCMW 2% OIL, 13% MUD, 85% WTR
194' TOTAL FLUID

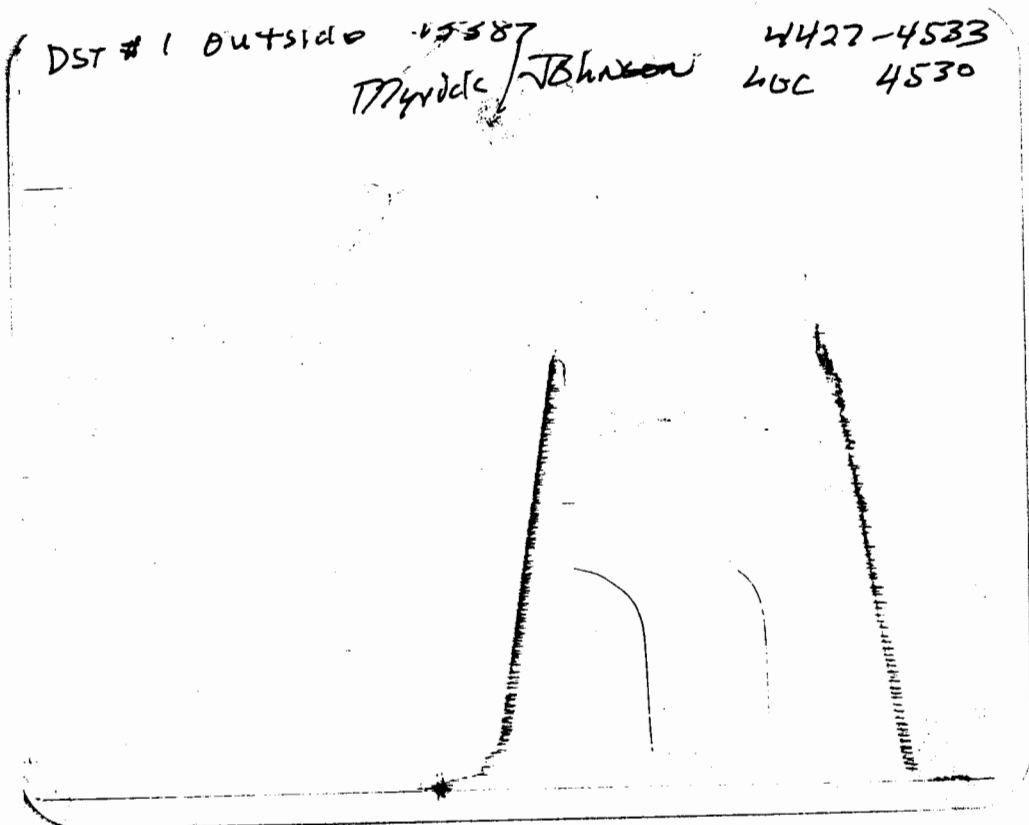
TOOL SAMPLE: 8% OIL, 15% MUD, 77% WTR

PENKA 23 AD
Formation: DST #1 MYRICK / JOHNSON 4,427' - 4,533'
Pool: WILDCAT

RITCHIE EXPLORATION, INC.
DST #1 MYRICK / JOHNSON 4,427' - 4,533'
Start Test Date: 2006/03/23
Final Test Date: 2006/03/23

PENKA 23 AD





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2113	2113
(B) First Initial Flow Pressure	7	7
(C) First Final Flow Pressure	48	48
(D) Initial Closed-in Pressure	1076	1076
(E) Second Initial Flow Pressure	49	49
(F) Second Final Flow Pressure	94	94
(G) Final Closed-in Pressure	1032	1032
(H) Final Hydrostatic Mud	2110	2110