

JUL 31 2002



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

CONSERVATION DIVISION
 WICHITA, KS

Page 1 of 2 Pages

Company Deep Rock Exploration, Inc. Lease & Well No. Larson No. 2
 Elevation 3568 EGL Formation Fort Scott/Cherokee Effective Pay Ft. Ticket No. J1218
 Date 2-19-02 Sec. 15 Twp. 14S Range 39W County Wallace State Kansas
 Test Approved By Rod Anderson Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 4,642 ft. to 4,741 ft. Total Depth 4,741 ft.
 Packer Depth 4,637 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 4,642 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set ft.

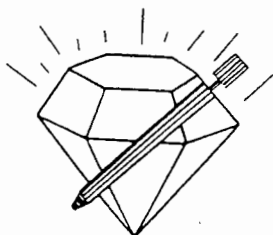
Top Recorder Depth (Inside) 4,645 ft. Recorder Number Elec. Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 4,738 ft. Recorder Number 13556 Cap. 5,475 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor BH & K Drilling - Rig 1 Drill Collar Length 280 ft. I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 54 Weight Pipe Length ft. I.D. in.
 Weight 9.2 Water Loss 8.8 cc. Drill Pipe Length 4,336 ft. I.D. 3 1/2 in.
 Chlorides 7,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Bowen Serial Number 2 Anchor Length 99 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: Weak blow died.
 2nd Open: No blow. Flushed tool. Lost some mud. Received a 3 in. blow. Dead in 5 mins.

Recovered 150 ft. of drilling mud = .738000 bbls.
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Remarks

Time Set Packer(s) 9:35 ^{AM} P.M. Time Started Off Bottom 11:35 ^{AM} P.M. Maximum Temperature 120°
 Initial Hydrostatic Pressure (A) 2286 P.S.I.
 Initial Flow Period Minutes 30 (B) 65 P.S.I. to (C) 73 P.S.I.
 Initial Closed In Period Minutes 30 (D) 207 P.S.I.
 Final Flow Period Minutes 30 (E) 74 P.S.I. to (F) 114 P.S.I.
 Final Closed In Period Minutes 30 (G) 235 P.S.I.
 Final Hydrostatic Pressure (H) 2243 P.S.I.



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FLUID SAMPLE DATA

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Formation Fort Scott/Cherokee

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>54</u> CP	<u>59</u> CP
Weight	<u>9.2</u>	<u>9.2</u>
Water Loss	<u>8.8</u> CC	<u>9.0</u> CC
PH Factor	<u>10.5</u>	<u>10.5</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>--</u> @ <u>--</u> °F.	<u>--</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>.80</u> @ <u>70</u> °F.	<u>7,000</u> ppm
Mud Pit Sample Filtrate	<u>.70</u> @ <u>70</u> °F.	<u>8,000</u> ppm

Sample Taken By JOHN C. RIEDL

Witness By Rod Anderson

Remarks Pit filtrate triton dish chlorides were 7,000 Ppm.
Recovery filtrate triton dish chlorides were 7,000 Ppm.

Well LSD: ESTY 1 FORT SCOTT, CHEROKEE ZONES 4642-4741

Well Name: LARSON 2

Company: DEEP ROCK EXPLORATION

Battery on: Feb 19, 2002 at 18:20:00

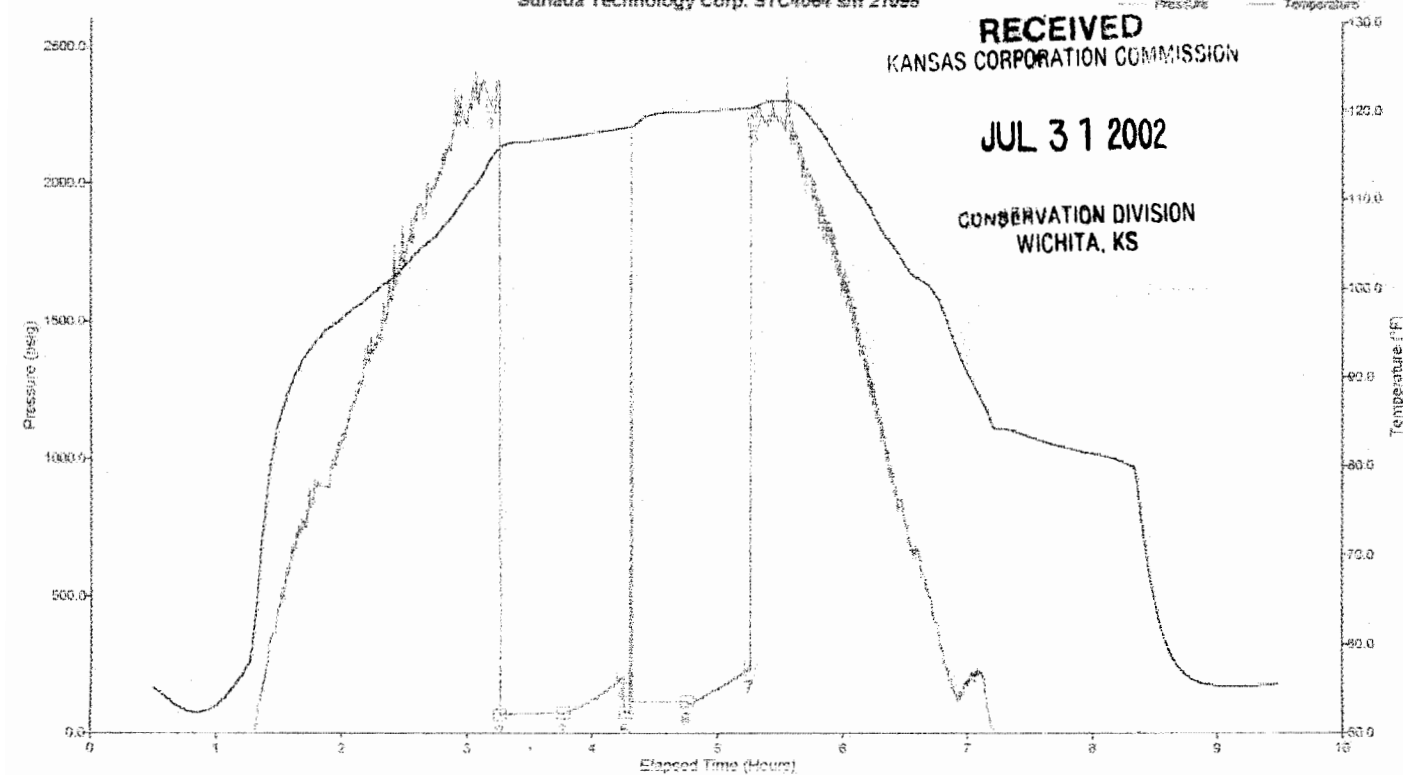
Notes: RECOVERY 150' DRILLING MUD RESULTED MOSTLY FROM FLUSHING TOOL

Sunada Technology Corp. STC4064 s/n 21098

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 31 2002

CONSERVATION DIVISION
WICHITA, KS



Taq	Pressure	Temperature	Comment
1	2286.25 psig	114.70 °F	2002-02-19 21:32:00
2	65.25 psig	115.76 °F	2002-02-19 21:36:00
3	73.21 psig	116.87 °F	2002-02-19 22:06:30
4	206.61 psig	117.97 °F	2002-02-19 22:35:00
5	73.95 psig	118.01 °F	2002-02-19 22:36:00
6	114.24 psig	119.80 °F	2002-02-19 23:05:30
7	235.27 psig	120.27 °F	2002-02-19 23:35:30
8	2243.03 psig	120.41 °F	2002-02-19 23:37:30

ROE # 63556 0093108
LOC 8738'

PS# 1
OFF R ROCK

CLOCK # 2670.5

