



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
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P.O. Box 157
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General Information

Company Name	LB EXPLORATION INC.	Well Name	HOPKINS RANCH 33 #1
Well Operator	LB EXPLORATION INC.	Unique Well ID	DST #1 MARMATON 4445'-4494'
Contact	MICHAEL PETERMAN	Surface Location	S33-T32s-R13w-BA CO.-KS
Site Contact	STEVE PETERMAN	Test Unit	#5
Field	HALLELUJAH	Pool	UNKNOWN
Well Type	Vertical	Job Number	F249
Prepared By	JAKE FAHRENBRUCH	Qualified By	STEVE PETERMAN

Test Information

Test Type	BOTTOM-HOLE (NO X EQUIP)	Test Purpose	Initial Test
Formation	MARMATON 4445'-4494'	Gauge Name	INSIDE 5951
Start Test Date	2014/02/21	Start Test Time	20:01:00
Final Test Date	2014/02/22	Final Test Time	03:50:00

Test Results

FLOWS, SHUT-INS, AND BOTTOM-HOLE PRESSURES:

---20 MIN I.F. ---	WEAK BLOW, INCREASED TO 3.5"	8 PSI INC. TO 10 PSI
---40 MIN I.S.I. --	NO BLOW-BACK	56 PSI
---40 MIN F.F. ---	WEAK 1.5" BLOW, INCREASED TO 3"	9 PSI INC. TO 12 PSI
---80 MIN F.S.I. -	NO BLOW-BACK	73 PSI
-----	INITIAL HYDROSTATIC PRESSURE:	2236 PSI
-----	FINAL HYDROSTATIC PRESSURE:	2236 PSI

RECOVERED:

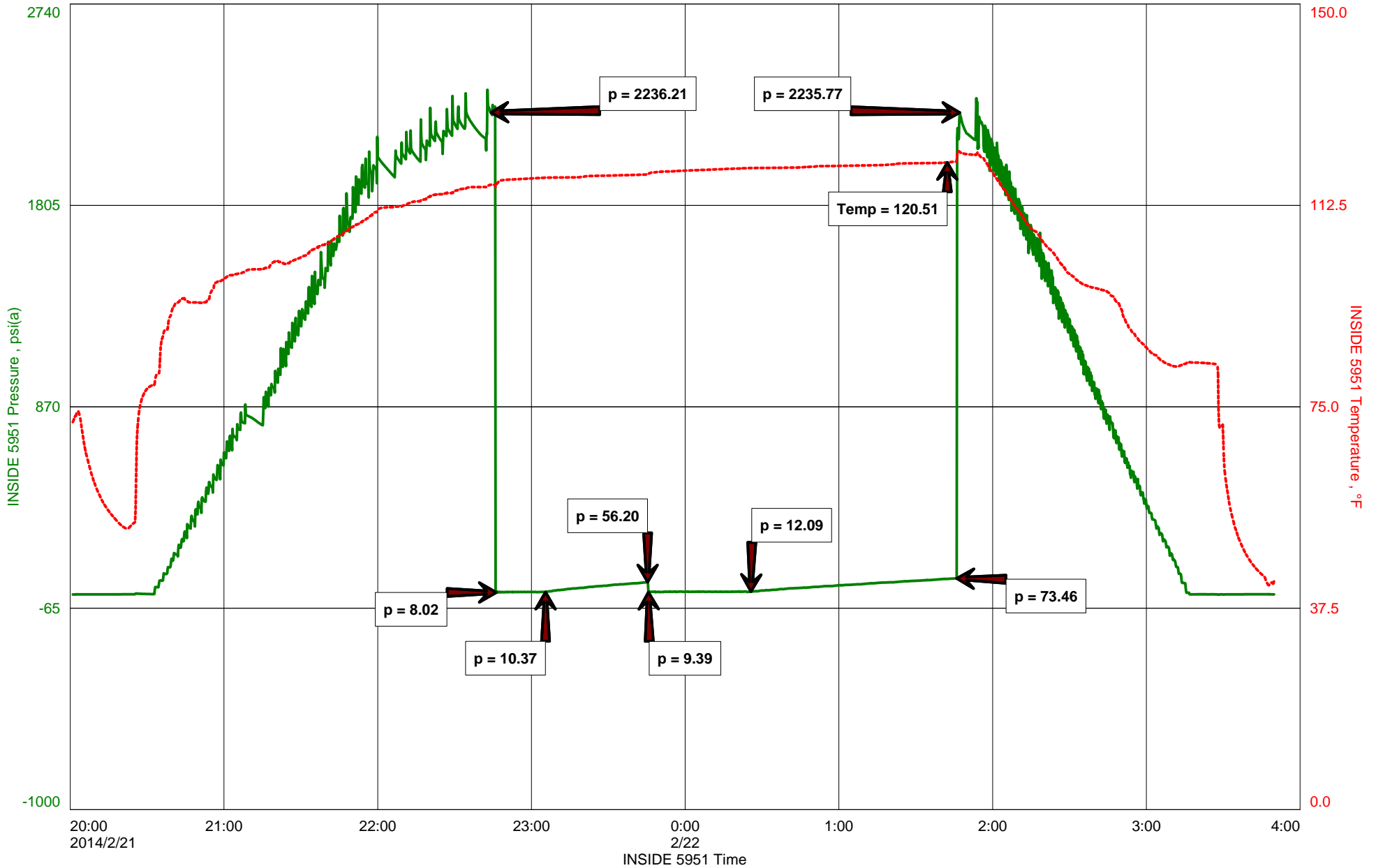
20' DRILLING MUD
120' GAS IN PIPE
BOTTOM-HOLE TEMP: 121 DEG F

THANKS

LB EXPLORATION INC.
DST #1 MARMATON 4445'-4494'
Start Test Date: 2014/02/21
Final Test Date: 2014/02/22

HOPKINS RANCH 33 #1
Formation: MARMATON 4445'-4494'
Pool: UNKNOWN
Job Number: F249

HOPKINS RANCH 33 #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: HR331DST1

TIME ON: 8:01 PM 2-21
TIME OFF: 3:50 AM 2-22

Company LB EXPLORATION INC. Lease & Well No. HOPKINS RANCH 33 #1
Contractor NINNESCAH DRILLING RIG #101 Charge to LB EXPLORATION INC.
Elevation 1746' KB Formation MARMATON Effective Pay FIELD: HALLELUJAH Ft. Ticket No. F249
Date SAT 2-22-14 Sec. 33 Twp. 32 S Range 13 W County BARBER State KANSAS
Test Approved By STEVE PETERMAN Diamond Representative JAKE FAHRENBRUCH

Formation Test No. ONE Interval Tested from 4445 ft. to 4494 ft. Total Depth 4494 ft.
Packer Depth 4440 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.
Packer Depth 4445 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.
Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 4431 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4457 ft. Recorder Number 5584 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth ----- ft. Recorder Number ----- Cap. ----- P.S.I.

Mud Type CHEMICAL Viscosity ----- Drill Collar Length ----- ft. I.D. 2 1/4 in.
Weight ----- Water Loss ----- cc. Weight Pipe Length ----- ft. I.D. 2 7/8 in.
Chlorides ----- P.P.M. Drill Pipe Length 4420 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number ----- Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 49 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 15' PERF (10' TOP, 5BTM) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK BLOW, INCREASED TO 3.5"
2nd Open: WEAK 1.5" BLOW, INCREASED TO 3"

Recovered 20 ft. of DRILLING MUD
Recovered ----- ft. of 120' G.I.P.
Recovered ----- ft. of -----
Recovered ----- ft. of -----

Recovered <u>-----</u> ft. of <u>-----</u>	Price Job
Recovered <u>-----</u> ft. of <u>-----</u> TEST: \$1,225.00	Other Charges
Remarks: <u>-----</u> (86 M.R.T. HOUSE TO RIG & BACK @ \$1.40/M) \$120.40	Insurance
<u>-----</u> NO EXTRA EQUIPMENT RAN	
<u>-----</u> TOTAL COST OF DST #1 = \$1,345.40	Total

Time Set Packer(s) 10:45 PM 2-21 A.M. P.M. Time Started Off Bottom 1:45 AM 2-22 A.M. P.M. Maximum Temperature 121 DEG F

Initial Hydrostatic Pressure..... (A) 2236 P.S.I.
Initial Flow Period..... Minutes 20 (B) 8 P.S.I. to (C) 10 P.S.I.
Initial Closed In Period..... Minutes 40 (D) 56 P.S.I.
Final Flow Period..... Minutes 40 (E) 9 P.S.I. to (F) 12 P.S.I.
Final Closed In Period..... Minutes 80 (G) 73 P.S.I.
Final Hydrostatic Pressure..... (H) 2236 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.