

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M554
Well Name	HISS #1-23	Representative	MIKE COCHRAN
Unique Well ID	DST#1 3283-3355 LANS A-F	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.23-20S-14W BARTON CO.KS.	Report Date	2013/10/01
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 3283-3355 LANS A-F		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/10/01	Start Test Time	11:25:00
Final Test Date	2013/10/01	Final Test Time	17:30:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**
60' VSOSGM 1% GAS, 99% MUD, W/ A THIN SCUM OF OIL
60' TOTAL FLUID

TOOL SAMPLE: 5% GAS, 1% OIL, TRACE OF WTR, 94% MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: HSS1-23DST1

TIME ON: 1125
TIME OFF: 1730

Company L.D. DRILLING, INC. Lease & Well No. HISS #1-23
Contractor PETROMARK DRILLING, LLC-RIG 2 Charge to L.D. DRILLING, INC.
Elevation 1900 KB Formation LANS A-F Effective Pay _____ Ft. Ticket No. M554
Date 10/1/2013 Sec. 23 Twp. 20 S Range 14 W County BARTON State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3283 ft. to 3355 ft. Total Depth 3355 ft.
Packer Depth 3278 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3283 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3265 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 3352 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 56 Drill Collar Length 117 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,000 P.P.M. Drill Pipe Length 3139 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number SFTY JT Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 72 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 31' D.P. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SSB, INC. TO 2 1/2" (NO BB)
2nd Open: VVWSB, INC. TO 1" (NO BB)

Recovered 60 ft. of VSOSGM 1% GAS, 99% MUD, W/ A THIN SCUM OF OIL
Recovered 60 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____	Price Job
_____	Other Charges
_____	Insurance
TOOL SAMPLE: 5% GAS, 1% OIL, TRACE OF WTR, 94% MUD	Total

Time Set Packer(s) 1:30 P.M. ^{A.M.} P.M. Time Started Off Bottom 3:30 P.M. ^{A.M.} P.M. Maximum Temperature 102

Initial Hydrostatic Pressure..... (A) 1563 P.S.I.
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 31 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 157 P.S.I.
Final Flow Period..... Minutes 30 (E) 36 P.S.I. to (F) 46 P.S.I.
Final Closed In Period..... Minutes 30 (G) 149 P.S.I.
Final Hydrostatic Pressure..... (H) 1560 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.

HISS #1-23

