



Diamond Testing General Report

John Riedl
TESTER
CELL: 620-793-0550

General Information

Company Name	L D DRILLING INC	Job Number	J3317
Contact	L D DAVIS	Representative	JOHN RIEDL
Well Name	BARNES 1-21	Well Operator	L D DRILLING INC
Unique Well ID		Report Date	2014/11/08
Surface Location	S21/18S/14W	Prepared By	JOHN RIEDL
Field		Qualified By	JIM MUSGROVE

Test Information

Test Type	DST #1 CONVENTIONAL
Formation	LKC A+B
Well Fluid Type	
Test Purpose	

Start Test Date	2014/11/07	Start Test Time	22:00:00
Final Test Date	2014/11/08	Final Test Time	03:00:00

Test Recovery

RECOVERY: 20' OIL SPECKED DRILLING MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Barnes1-21dst1

TIME ON: 10:00 11/7/2014
TIME OFF: 03:00 11/8/2014

Company L D DRILLING INC Lease & Well No. BARNES 1-21
Contractor PETROMARK RIG 2 Charge to L D DRILLING INC.
Elevation 1935 K.B Formation LKC A+B Effective Pay _____ Ft. Ticket No. J3317
Date 11/07/14 Sec. 21 Twp. _____ 18 S Range _____ 14 W County BARTON State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative JOHN RIEDL

Formation Test No. 1 Interval Tested from 3204 ft. to 3271 ft. Total Depth 3271 ft.
Packer Depth 3199 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3204 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3207 ft. Recorder Number 30046 Cap. 6000 P.S.I.
Bottom Recorder Depth (Outside) 3268 ft. Recorder Number 13498 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 55 Drill Collar Length 129 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5300 P.P.M. Drill Pipe Length 3064 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number NOT REQUESTED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 67 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK + DEAD IN 10 MIN.
2nd Open: NO BLOW

Recovered <u>20</u> ft. of <u>OIL SPECKED DRILLING MUD</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Recovered _____ ft. of _____	Total
Remarks: <u>TOTAL FLUID REC: 20' IN DRILL COLLAR</u> <u>TOOL SAMPLE GRINDOUT: 100%MUD</u>	

Time Set Packer(s) 12:00 A.M ^{A.M.}/_{P.M.} Time Started Off Bottom 1:20 A.M ^{A.M.}/_{P.M.} Maximum Temperature 101
Initial Hydrostatic Pressure..... (A) 1545 P.S.I.
Initial Flow Period..... Minutes 20 (B) 23 P.S.I. to (C) 28 P.S.I.
Initial Closed In Period..... Minutes 20 (D) 222 P.S.I.
Final Flow Period..... Minutes 20 (E) 33 P.S.I. to (F) 36 P.S.I.
Final Closed In Period..... Minutes 20 (G) 78 P.S.I.
Final Hydrostatic Pressure..... (H) 1527 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.

BARNES 1-21

