



Diamond Testing General Report

John Riedl
TESTER
CELL: 620-793-0550

General Information

Company Name	L D DRILLING INC	Job Number	J3318
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	KURT TALBOTT

Test Information

Test Type	DST #1 CONVENTIONAL
Formation	LKC "H"
Well Fluid Type	
Test Purpose	

Start Test Date	2014/11/08	Start Test Time	12:00:00
Final Test Date	2914/11/08	Final Test Time	18:15:00

Test Recovery

RECOVERY: 500' GAS IN PIPE
40' GAS+MUD CUT OIL



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Barnes1-21dst2

TIME ON: 12:00 11/8/2014
TIME OFF: 18:15 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 "H" Effective Pay _____ Ft. Ticket No. J3318
Date 11/08/14 Sec. 21 Twp. 18 S Range 14 W County BARTON State KANSAS
Test Approved By KURT TALBOTT Diamond Representative JOHN RIEDL

Formation Test No. 2 Interval Tested from 3316 ft. to 3353 ft. Total Depth 3353 ft.
Packer Depth 3311 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3316 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3319 ft. Recorder Number 30046 Cap. 6000 P.S.I.
Bottom Recorder Depth (Outside) 3350 ft. Recorder Number 13498 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 48 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 10 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 7200 P.P.M. Drill Pipe Length 3176 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 37 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 (1/2")
2nd Open: FAIR (BUILT THROUGHOUT TO 4") NO BB

Recovered 500 ft. of GAS IN PIPE
Recovered 40 ft. of G+MCO (20%GAS 25%MUD 55%OIL)
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: TOTAL FLUID REC: 40' IN DRILL COLLAR
TOOL SAMPLE GRINDOUT: 10%MUD 20%GAS 70%OIL)

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 1:30 P.M ^{A.M.}/_{P.M.} Time Started Off Bottom 4:30 P.M ^{A.M.}/_{P.M.} Maximum Temperature 101

Initial Hydrostatic Pressure..... (A) 1591 P.S.I.
Initial Flow Period..... Minutes 30 (B) 35 P.S.I. to (C) 37 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 180 P.S.I.
Final Flow Period..... Minutes 60 (E) 27 P.S.I. to (F) 37 P.S.I.
Final Closed In Period..... Minutes 60 (G) 480 P.S.I.
Final Hydrostatic Pressure..... (H) 1570 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

