



Diamond Testing General Report

John Riedl
TESTER
CELL: 620-793-0550

General Information

Company Name	L D DRILLING INC	Job Number	J3312
Contact	L D DAVIS	Representative	JOHN RIEDL
Well Name	KORIEL UNIT 1-22	Well Operator	L D DRILLING INC
Unique Well ID		Report Date	2014/10/23
Surface Location	S22/18S/14W	Prepared By	JOHN RIEDL
Field		Qualified By	JIM MUSGROVE

Test Information

Test Type	DST #4 CONVENTIONAL
Formation	ARBUCKLE
Well Fluid Type	
Test Purpose	

Start Test Date	2014/10/23	Start Test Time	00:30:00
Final Test Date	2014/10/23	Final Test Time	07:30:00

Test Recovery

RECOVERY; 140' MUD+GAS CUT OIL



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Korielunit1-22dst4

TIME ON: 00:30:00 10/23/2014
TIME OFF: 07:30: 10/23/2014

Company L D DRILLING INC Lease & Well No. KORIEL UNIT 1-22
Contractor PETROMARK DRILLING RIG 2 Charge to L D DRILLING INC.
Elevation _____ Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. J3312
Date 10/22/14 Sec. 22 Twp. _____ 18 S Range _____ 14 W County BARTON State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative JOHN RIEDL

Formation Test No. 4 Interval Tested from 3385 ft. to 3427 ft. Total Depth 3437 ft.
Packer Depth 3380 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3385 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3388 ft. Recorder Number 13498 Cap. 6000 P.S.I.
Bottom Recorder Depth (Outside) 3434 ft. Recorder Number 13498 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 58 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 10 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 7,000 P.P.M. Drill Pipe Length 3245 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 52 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 31' DRILL PIPE Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: FAIR (3") **NO BB**
2nd Open: WEAK (2") **NO BB**

Recovered 140 ft. of GMO (15%GAS 25%MUD 60%OIL)
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID REC:140 (20'DRILL PIPE 120' DRILL COLLARS)</u>	Insurance
<u>TOOL SAMPLE GRINDOUT: 15%GAS 85%OIL)</u>	
	Total

Time Set Packer(s) 2:15 A.M. P.M. Time Started Off Bottom 5:30 A.M. P.M. Maximum Temperature 106

Initial Hydrostatic Pressure..... (A) 1631 P.S.I.
Initial Flow Period..... Minutes 30 (B) 21 P.S.I. to (C) 58 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 572 P.S.I.
Final Flow Period..... Minutes 60 (E) 67 P.S.I. to (F) 76 P.S.I.
Final Closed In Period..... Minutes 60 (G) 519 P.S.I.
Final Hydrostatic Pressure..... (H) 1611 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.

KORIEL UNIT 1-22

