



**DIAMOND TESTING**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: KZSK5DST2

TIME ON: 1350  
 TIME OFF: 2005

Company LOGAN, LESLIE DBA L. B. Oil Lease & Well No. KOZISEK #5  
 Contractor NINNESCAH DRILLING, LLC RIG 101 Charge to LOGAN, LESLIE DBA L. B. Oil  
 Elevation 1884 GL Formation LANSING D-F Effective Pay \_\_\_\_\_ Ft. Ticket No. M780  
 Date 7/18/2015 Sec. 18 Twp. \_\_\_\_\_ 16 S Range \_\_\_\_\_ 10 W County ELLSWORTH State KANSAS  
 Test Approved By STEVEN PETERMANN Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3097 ft. to 3132 ft. Total Depth 3132 ft.  
 Packer Depth 3092 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
 Packer Depth 3097 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3087 ft. Recorder Number 5448 Cap. 5,000 P.S.I.  
 Bottom Recorder Depth (Outside) 3099 ft. Recorder Number 0063 Cap. 5,000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEM Viscosity 59 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
 Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 4,000 P.P.M. Drill Pipe Length 3072 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 35 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: SSB, BOB 45 SEC. (NO BB)  
 2nd Open: SSB, BOB RIGHT AWAY, GTS 35 MIN, GAS BURNED NICELY (INVISIBLE ORANGE, HOT) (2" BB)

Recovered 37 ft. of SOSGWM 8% GAS, 2% OIL, 37% WTR, 53% MUD  
 Recovered 63 ft. of OSGWM 25% GAS, 10% OIL, 12% WTR, 53% MUD  
 Recovered 63 ft. of OSGMW 16% GAS, 8% OIL, 63% WTR, 13% MUD  
 Recovered 163 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of <u>CHLOR: 24,000 PPM</u>	Other Charges
Remarks: <u>RW: .36 @ 95 DEG</u>	Insurance
<u>PH: 7.0</u>	
TOOL SAMPLE: <u>100% GAS</u>	Total

Time Set Packer(s) 3:30 P.M. A.M. P.M. Time Started Off Bottom 6:00 P.M. A.M. P.M. Maximum Temperature 106°F

Initial Hydrostatic Pressure..... (A) 1466 P.S.I.  
 Initial Flow Period..... Minutes 15 (B) 43 P.S.I. to (C) 45 P.S.I.  
 Initial Closed In Period..... Minutes 30 (D) 375 P.S.I.  
 Final Flow Period..... Minutes 45 (E) 47 P.S.I. to (F) 80 P.S.I.  
 Final Closed In Period..... Minutes 60 (G) 370 P.S.I.  
 Final Hydrostatic Pressure..... (H) 1432 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.

# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	LOGAN, LESLIE DBA L. B. OIL	Job Number	M780
Well Name	KOZISEK #5	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3097-3132 LANSING D-F	Well Operator	LOGAN, LESLIE DBA L. B. OIL
Surface Location	SEC.18-16S-10W ELLSWORTH CO.KS.	Report Date	2015/07/18
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	STEVEN PETERMANN
		Test Unit	NO. 3

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 3097-3132 LANSING D-F		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/07/18	Start Test Time	13:50:00
Final Test Date	2015/07/18	Final Test Time	20:05:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

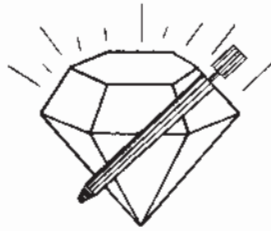
### Test Results

Remarks RECOVERED:

37' SOSGWM 8% GAS, 2% OIL, 37% WTR, 53% MUD  
63' OSGWM 25% GAS, 10% OIL, 12% WTR, 53% MUD  
63' OSGMW 16% GAS, 8% OIL, 63% WTR, 13% MUD  
163' TOTAL FLUID

CHLOR: 24,000 PPM  
PH:7.0  
RW: .36 @ 95 DEG

TOOL SAMPLE: 100% GAS



**DIAMOND TESTING**  
 P. O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (316) 653-7550  
**GAS VOLUME REPORT**

Company LOGAN, LESLIE DBA L. B. Oil Lease & Well No. KOZISEK #5  
 Date 7/18/2015 Sec. 18 Twp. 16S Rge. 12W Location \_\_\_\_\_ County ELLSWORTH State KS  
 Drilling Contractor NINNESCAH DRILLING, LLC RIG 101 Formation LANSING D-F DST No. 2  
 Remarks: GTS 35 MIN 2ND OPEN, GAS BURNED NICELY (INVISIBLE ORANGE, HOT)

**INITIAL FLOW**

Time O'Clock	Orifice Size	Gauge	CF/D
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	

**FINAL FLOW PSI**

Time O'Clock	Orifice Size	Gauge	CF/D
	.125 in.	in.	MCF/DAY
40 MIN	in.	8 PSI in.	8.30
45 MIN.	in.	10 PSI in.	9.45
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	

SAMPLE TAKEN YES

FINAL FLOW 9.45 MCF/D

LOGAN, LESLIE DBA L. B. OIL  
DST#2 3097-3132 LANSING D-F  
Start Test Date: 2015/07/18  
Final Test Date: 2015/07/18

KOZISEK #5  
Formation: DST#2 3097-3132 LANSING D-F  
Pool: WILDCAT  
Job Number: M780

# KOZISEK #5

