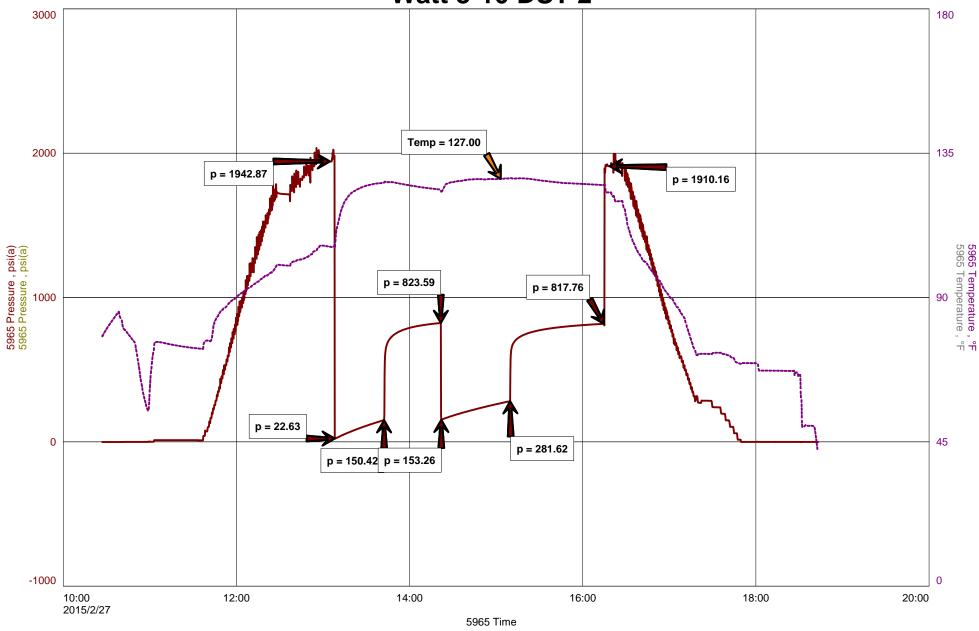
LD Drilling DST 2 Lan K 4073-4100 Start Test Date: 2015/02/27 Final Test Date: 2015/02/27

Watt 3-10 Formation: Lan K Job Number: W170

Watt 3-10 DST 2





Diamond Testing General Report

Wilbur Steinbeck TESTER CELL: 620-282-1573

General Information

Company Name LD Drilling

Contact Kim Shoemaker Job Number W170
Well Name Watt 3-10 Representative
Unique Well ID DST 2 Lan K 4073-4100 Well Operator
Surface Location To-16s-30w Lane/Kans Report Date Wildcat Prepared By Qualified By Wilbur Steinbeck Kim Shoemaker

Test Information

Test Type Conventional Formation Lan K Well Fluid Type 01 Oil Test Purpose (AEUB) Initial Test

 Start Test Date
 2015/02/27 Start Test Time
 10:27:00

 Final Test Date
 2015/02/27 Final Test Time
 18:43:00

Test Recovery

Recovery 1' Gassy Free Oil

580' GMCW 5%G 25%M 70%W

581' Total Fluid

180' GIP

Tool Sample MCW 30%M 70%W

RW=44



DIAMOND TESTING P.O. Box 157 HOISINGTON, KANSAS 67544

(800) 542-7313

DRILL-STEM TEST TICKET

FILE: Watt 3-10 DST 2

TIME ON: 10:27 TIME OFF: 18:43

•	Watt 3-10 DST 2
Company LD Drilling	Lease & Well No. Watt 3-10
Contractor_LD	Charge to_LD Drilling
Elevation 2728 KB Formation	Lan K Effective PayFt. Ticket NoW170
Date <u>2-27-15</u> Sec. 10 Twp. 1	16 S Range30 W County`LaneStateKANSAS
Test Approved By Kim Shoemaker	Diamond Representative Wilbur Steinbeck
Formation Test No. 2 Interval Tested from	4073 ft. to 4100 ft. Total Depth 4100 ft.
Packer Depth 4068 ft. Size 6 3/4 in	n. Packer depthft. Size 6 3/4 in.
Packer Depth 4073 ft. Size6 3/4in	n. Packer depthft. Size6 3/4in.
Depth of Selective Zone Set	
Top Recorder Depth (Inside) 4059	9 ft. Recorder Number 5446 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside)	ft. Recorder Number 5965 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth	_ft. Recorder Number Cap P.S.I.
Mud Type Chem Viscosity 64	Drill Collar Length 0 ft. I.D. 2 1/4 in
Weight	cc. Weight Pipe Length ft. I.D 2 7/8 in
Chlorides 2000 P.P.	.M. Drill Pipe Length ir
Jars: MakeSTERLINGSerial Number07	Test Tool Length 28 ft. Tool Size 3 1/2-IF ir
Did Well Flow? No Reversed Out No	Anchor Length 27 ft. Size 4 1/2-FH i
	in. Surface Choke Size1 in. Bottom Choke Size5/8 in.
Blow: 1st Open: BOB in 7 min Surface blow	
^{2nd Open:} BOB in 9 min Surface blow	
Recovered 1 ft. of Gassy Free Oil	
Recovered 580 ft. of GMCW 5%G 25%M 70%W	
Recovered 581 ft. of Total Fluid	
Recovered 180 ft. of GIP	
Recoveredft. of	Price Job
Recoveredft. of	65 Miles RT Other Charges
Remarks:	Insurance
Tool Sample MCW 30%M 70%W	
RW=44,000ppm 42.40 A.M.	Total A.M.
Time Set Packer(s) 13:10 P.M. Time Started	
Initial Hydrostatic Pressure	
Initial Flow Period	30 (B) 23 P.S.I. to (C) 150 P.S.I.
Initial Closed In PeriodMinutes	45 (D) 824 P.S.I.
Final Flow Period	45 (E) 153 P.S.I. to (F) 282 P.S.I.
Final Closed In PeriodMinutes	60 (G) 818 P.S.I.
Final Hydrostatic Pressure	
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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.