



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1304811
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1304811

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	SKOLAUT-MAULER UNIT 1-14
Doc ID	1304811

All Electric Logs Run

COMPENSATED DENSITY/NEUTRON LOG
DUAL INDUCTION LOG
MICRO LOG
SONIC LOG

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	SKOLAUT-MAULER UNIT 1-14
Doc ID	1304811

Tops

Name	Top	Datum
ANHYDRITE	858	+1056
BASE ANHYDRITE	878	+1036
TOPEKA	2849	-935
HEEBNER	3086	-1172
BROWN LIME	3160	-1246
LANSING	3167	-1255
BASE KANSAS CITY	3366	-1452
ARBUCKLE	3408	-1494

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	SKOLAUT-MAULER UNIT 1-14
Doc ID	1304811

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	855	A-CONN BLEND	200	CC, Celloflake
Surface	12.25	8.625	23	855	COMMON	200	CC, Celloflake
Production	7.875	5.5	15.5	3511	AA-2	150	10%Salt,10%Gypsum
Production	7.875	5.5	15.5	3511	60/40 POZMIX	30	RATHOLE



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 11:46
 TIME OFF: 19:25

DRILL-STEM TEST TICKET
 FILE: Skolaut Movler Unit 1-14 Dst 1

Company LD Drilling Inc Lease & Well No. Skolaut Movler Unit 1-14
 Contractor L.D Drilling Inc Charge to L.D Drilling Inc
 Elevation 1914 KB Formation Lans A-F Effective Pay _____ Ft. Ticket No. RR221
 Date 3/20/2016 Sec. 14 Twp. 18 S Range 14 W County Barton State KANSAS
 Test Approved By Kim Shoemaker Diamond Representative Ricky Ray

Formation Test No. 1 Interval Tested from 3175 ft. to 3235 ft. Total Depth 3235 ft.
 Packer Depth 3170 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3175 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3163 ft. Recorder Number 0062 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3213 ft. Recorder Number 8471 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 51 Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight 9 Water Loss 8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 4000 P.P.M. Drill Pipe Length 3147 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number SJ Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? na Reversed Out NA Anchor Length 60A (28P) 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: 3/4" Blow (BOB in 3 1/4 mins) 2 1/2 BB
 2nd Open: 3/4" Blow (BOB in 4 1/4 mins) 3 1/2 BB

Recovered 89 ft. of GIP
 Recovered 5 ft. of O 100% O
 Recovered 186 ft. of SLOWW 1% O 59% W 40% M
 Recovered 930 ft. of SLO w/ WM 1% O 86% W 13% M

Recovered <u>1121</u> ft. of <u>Total Fluid</u>	PH: <u>7</u>	Price Job
Recovered _____ ft. of _____	Chlorides: <u>5,000</u> PPM	Other Charges
Remarks: <u>Tool Sample: Blown Out</u>	RW: <u>1 @ 47</u> Deg	Insurance
		Total

Time Set Packer(s) 1:52 PM A.M. P.M. Time Started Off Bottom 4:52 PM A.M. P.M. Maximum Temperature 109

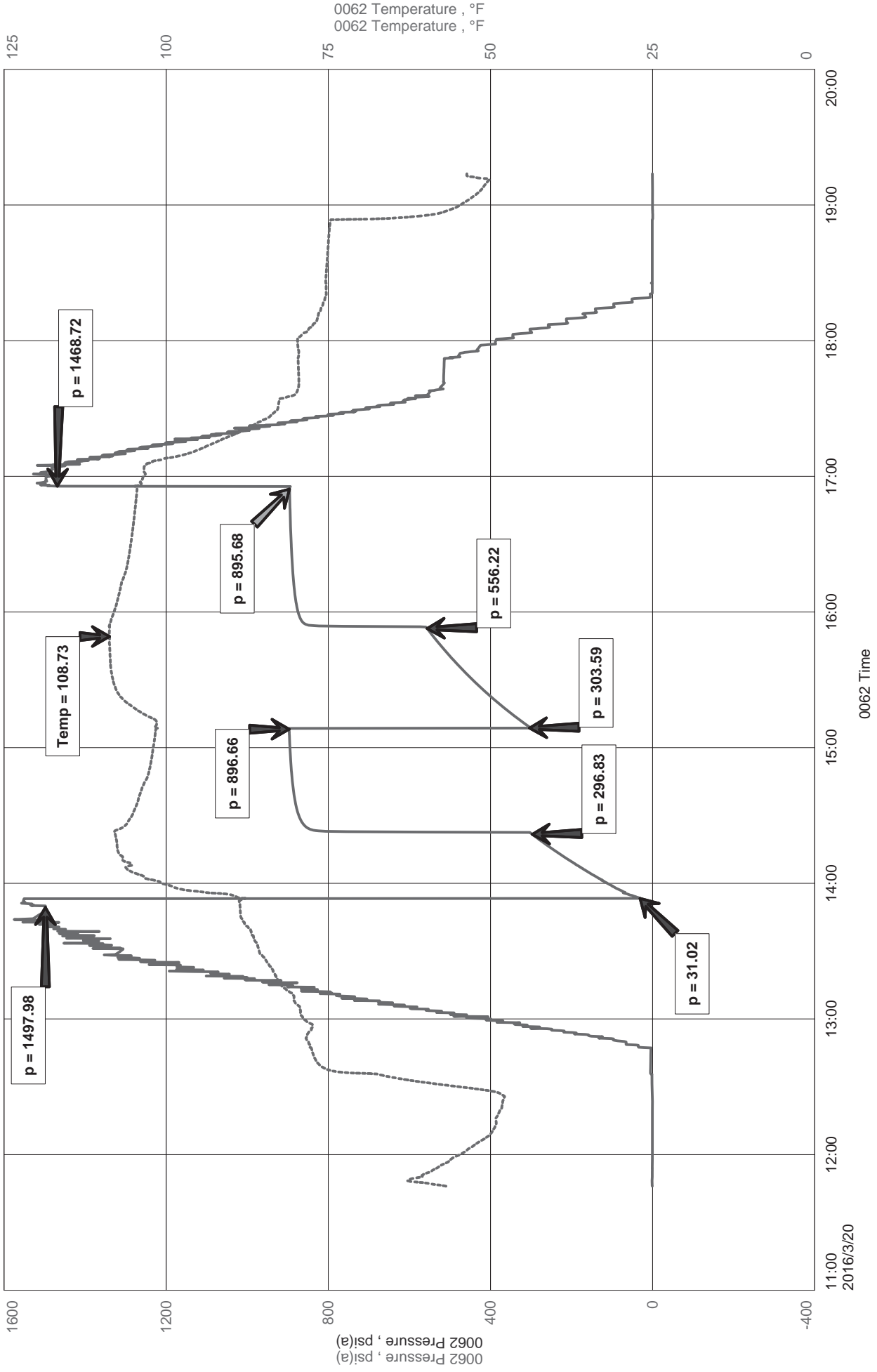
Initial Hydrostatic Pressure..... (A) 1498 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 31 P.S.I. to (C) 297 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 897 P.S.I.
 Final Flow Period..... Minutes 45 (E) 304 P.S.I. to (F) 556 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 897 P.S.I.
 Final Hydrostatic Pressure..... (H) 1469 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.

L.D Drilling Inc
Dst 1 Lans A"F (3175-3235)
Start Test Date: 2016/03/20
Final Test Date: 2016/03/20

Skolaut Movler Unit 1-14
Formation: Dst 1
Lans A"F (3175-3235)
Pool: Infield
Job Number: RR221

Skolaut Movler Unit 1-14





Diamond Testing LLC

P.O. Box 157

HoisingtonKS 67544

Ricky Ray - Tester

(620) 617-7261

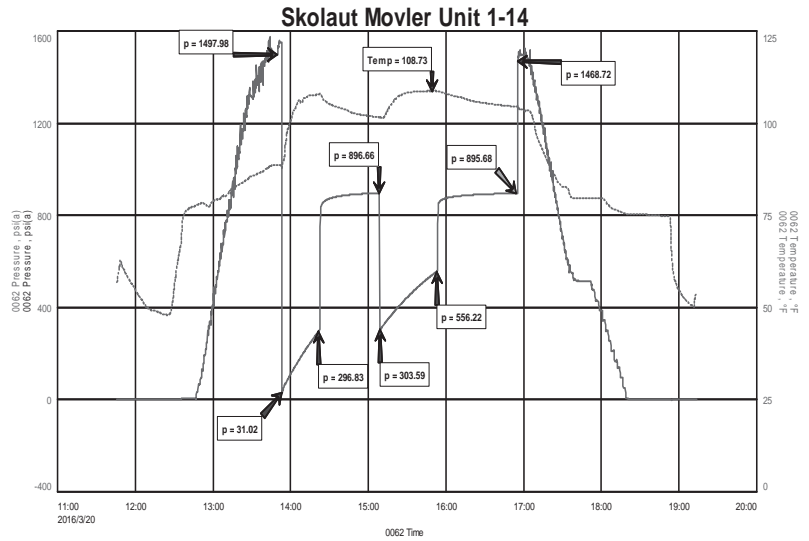
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling Inc
Well Name	Skolaut Movler Unit 1-14
Surface Location	Sec: 14-18s-14w (Barton County)
Field	Laud
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kim Shoemaker
Gauge Name	0062

Test Information

Job Number	RR221
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 1 Lans A"F (3175-3235)
Start Test Date	2016/03/20 YYYY/MM/DD
Start Test Time	11:46:00 HH:mm:ss
Final Test Date	2016/03/20 YYYY/MM/DD
Final Test Time	19:25:00 HH:mm:ss



Test Results

Recovery:

89'	GIP			
5'	O	100% O		
186'	SLOWW	1% O	59% W	40% M
930'	SLO w/ MW	1% O	86% W	13% M
1121'	Total Fluid			

Tool Sample: Blown Out

PH: 7
 RW: 1 @ 47 Deg
 Chlorides: 5,000 PPM



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 07:16
 TIME OFF: 14:07

DRILL-STEM TEST TICKET
 FILE: Skolaut Movler Unit 1-14 Dst 2

Company LD Drilling Inc Lease & Well No. Skolaut Movler Unit 1-14
 Contractor L.D Drilling Inc Charge to L.D Drilling Inc
 Elevation 1914 KB Formation Lans H-K Effective Pay _____ Ft. Ticket No. RR222
 Date 3/21/2016 Sec. 14 Twp. 18 S Range 14 W County Barton State KANSAS
 Test Approved By Kim Shoemaker Diamond Representative Ricky Ray

Formation Test No. 2 Interval Tested from 3295 ft. to 3365 ft. Total Depth 3365 ft.
 Packer Depth 3290 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3295 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3283 ft. Recorder Number 0062 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3333 ft. Recorder Number 8471 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 49 Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 7000 P.P.M. Drill Pipe Length 3263 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 12 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? na Reversed Out NA Anchor Length 70A(38P) 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: 1/2" Blow (BOB in 13 1/4 mins) NOBB
2nd Open: 8" Blow (BOB in 3 1/4 mins) WBB

Recovered 426 ft. of GIP
 Recovered 44 ft. of SLGOM 5% G 10% O 85% M
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool Sample: 10% G 15% O 5% W 70% M</u>	Insurance
	Total

Time Set Packer(s) 9:19 AM A.M. P.M. Time Started Off Bottom 12:19 PM A.M. P.M. Maximum Temperature 99

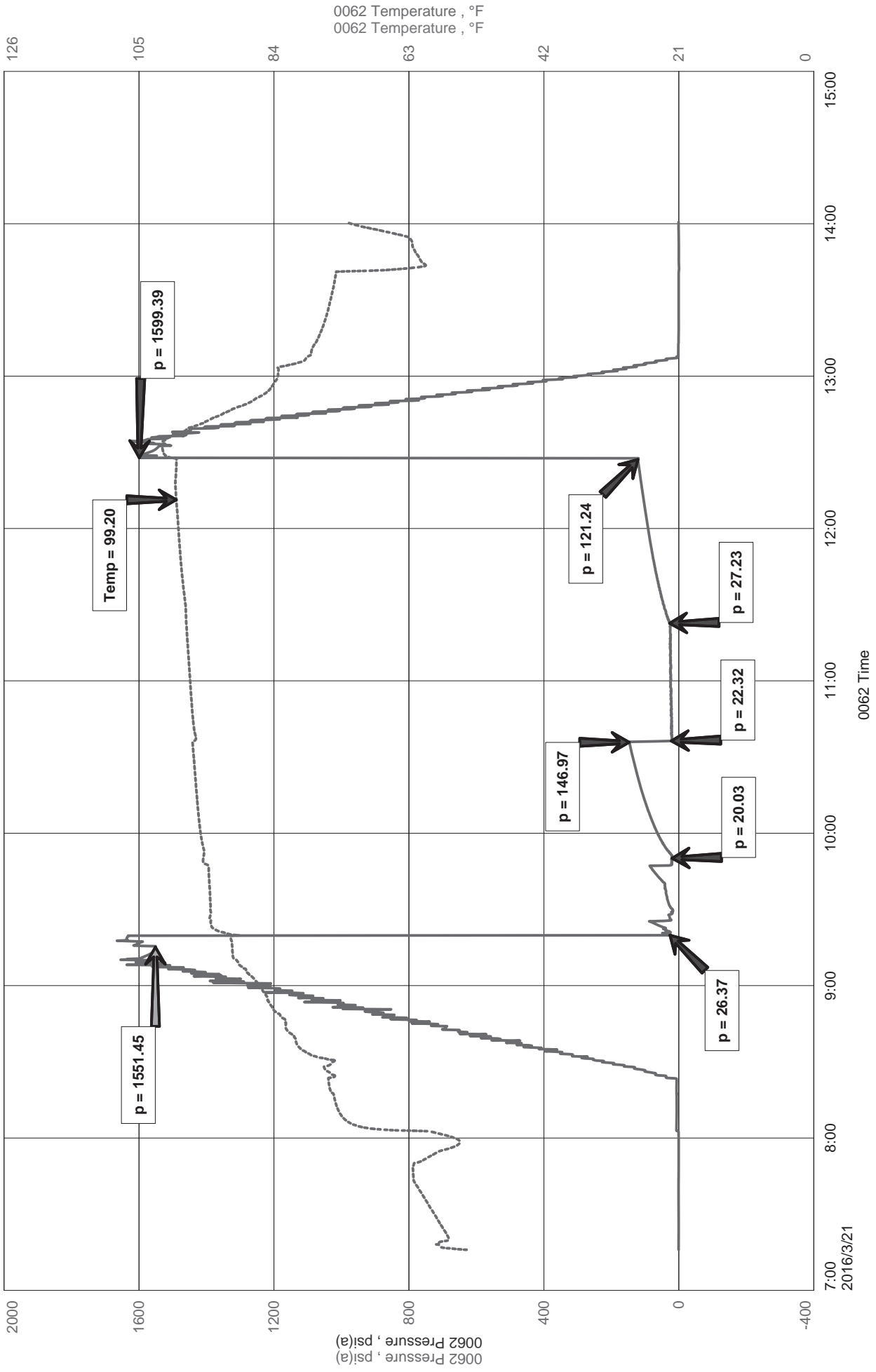
Initial Hydrostatic Pressure..... (A) 1551 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 26 P.S.I. to (C) 20 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 147 P.S.I.
 Final Flow Period..... Minutes 45 (E) 22 P.S.I. to (F) 27 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 121 P.S.I.
 Final Hydrostatic Pressure..... (H) 1599 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 LLC
Dst 2 Lan H-K (3295-3365)
Start Test Date: 2016/03/21
Final Test Date: 2016/03/21

Skolaut Movler Unit 1-14
Formation: Dst 2 Lan H-K (3295-3365)
Pool: Infield
Job Number: RR222

Skolaut Movler Unit 1-14





Diamond Testing LLC
 P.O. Box 157
 Hoisington KS 67544

Ricky Ray - Tester
(620) 617-7261

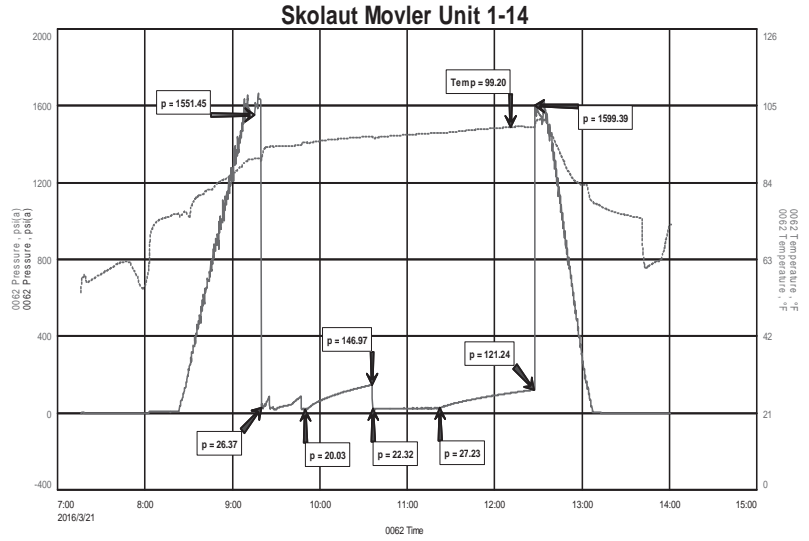
Wellsite Report

General Information

Company Name	Diamond Testing LLC
Contact	L.D Davis
Well Operator	L.D Davis
Well Name	Skolaut Movler Unit 1-14
Surface Location	Sec: 14-18s-14w (Barton County)
Field	Laud
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	
Gauge Name	0062

Test Information

Job Number	RR222
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 2 Lan H-K (3295-3365)
Start Test Date	2016/03/21 YYYY/MM/DD
Start Test Time	07:16:00 HH:mm:ss
Final Test Date	2016/03/21 YYYY/MM/DD
Final Test Time	14:07:00 HH:mm:ss



Test Results

Recovery:

426'	GIP			
44'	SLGOM	5% G	10% O	85% M

Tool Sample:	10% G	15% O	5% W	70% M
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DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 23:24 March 21
 TIME OFF: 06:45 March 22

DRILL-STEM TEST TICKET
 FILE: Skolaut Mauler Unit 1-14 Dst 3

Company LD Drilling Inc Lease & Well No. Skolaut Mauler Unit 1-14
 Contractor L.D Drilling Inc Charge to L.D Drilling Inc
 Elevation 1914 KB Formation _____ Arbuckle Effective Pay _____ Ft. Ticket No. RR223
 Date 3/22/2016 Sec. 14 Twp. _____ 18 S Range _____ 14 W County _____ Barton State KANSAS
 Test Approved By Kim Shoemaker Diamond Representative _____ Ricky Ray

Formation Test No. 3 Interval Tested from 3363 ft. to 3414 ft. Total Depth 3414 ft.
 Packer Depth 3358 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3363 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3351 ft. Recorder Number 0062 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3401 ft. Recorder Number 8471 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 49 Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 7000 P.P.M. Drill Pipe Length 3336 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number SJ Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? na Reversed Out NA Anchor Length 51A (19P) 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: 1/2" Blow (Built to 8 inches) NOBB
2nd Open: 1/4" Blow (Built to 5 1/4 inches) NOBB

Recovered 15 ft. of O 100% O 31 Gravity @ 60 Deg
 Recovered 62 ft. of SLWG w/ HOM 10% G 40% O 5% w 45% M
 Recovered 77 ft. of Total Fluid

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>Tool Sample: 50% O 5% W 45% M</u>	Total

Time Set Packer(s) 1:29 AM March 22 ^{A.M.}/_{P.M.} Time Started Off Bottom 4:29 AM March 22 ^{A.M.}/_{P.M.} Maximum Temperature 100

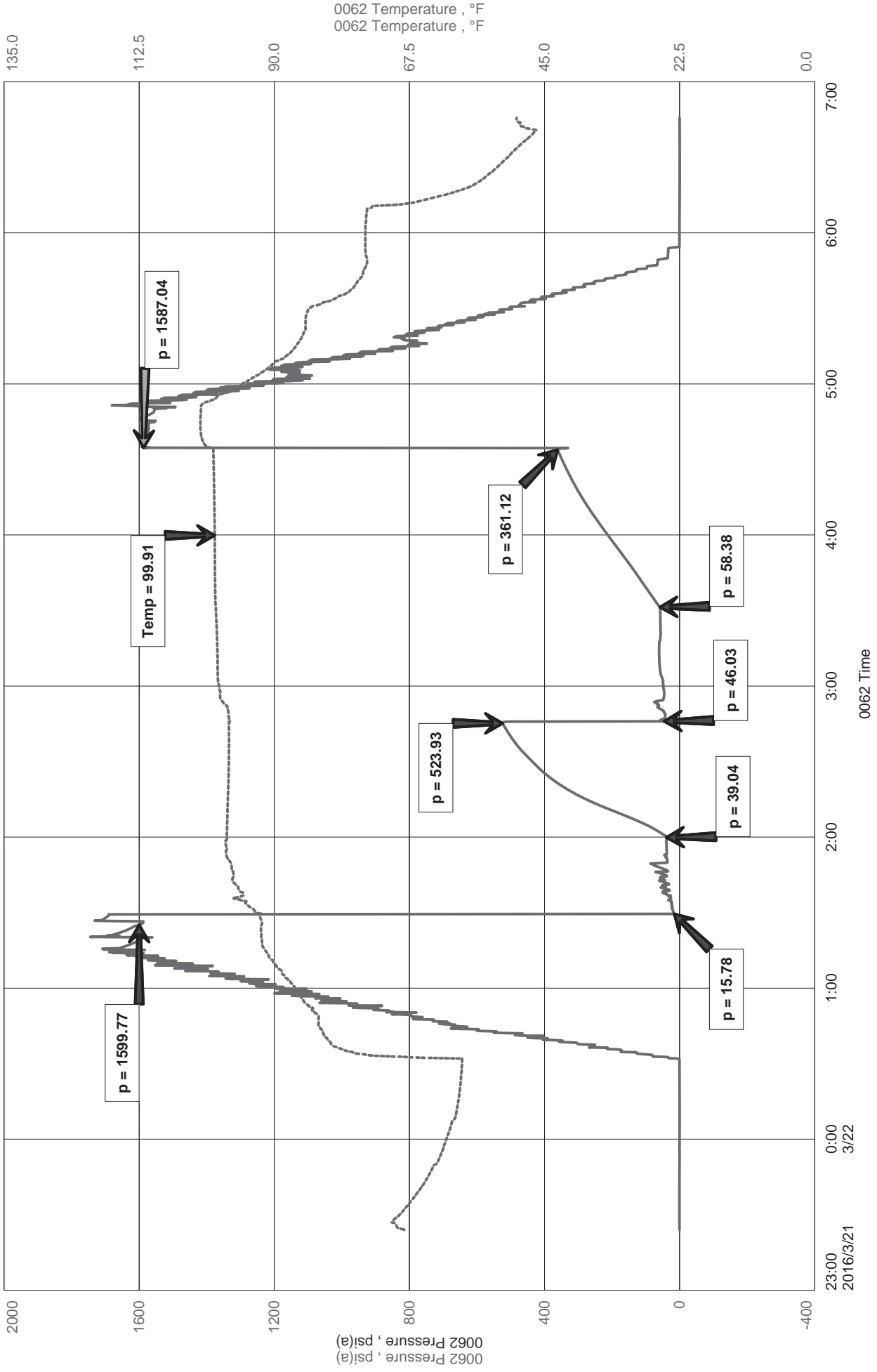
Initial Hydrostatic Pressure..... (A) 1600 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 16 P.S.I. to (C) 39 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 524 P.S.I.
 Final Flow Period..... Minutes 45 (E) 46 P.S.I. to (F) 58 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 361 P.S.I.
 Final Hydrostatic Pressure..... (H) 1587 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.

L.D Drilling Inc
Dst 3 Arbuckle (3363-3414)
Start Test Date: 2016/03/21
Final Test Date: 2016/03/22

Skolaut Mauler Unit 1-14
Formation: Dst 3 Arbuckle (3363-3414)
Pool: Field
Job Number: RR223

Skolaut Mauler Unit 1-14





Diamond Testing LLC

P.O. Box 157

Hoisington KS 67544

Ricky Ray - Tester

(620) 617-7261

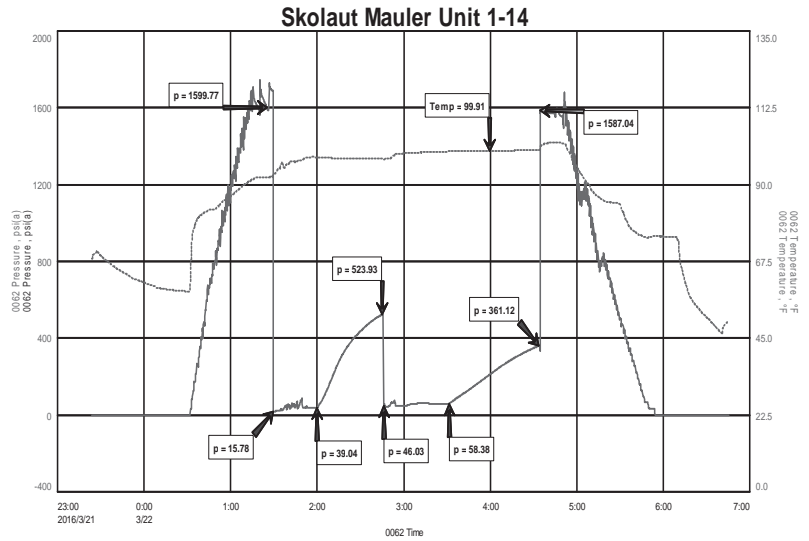
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling Inc
Well Name	Skolaut Mauler Unit 1-14
Surface Location	Sec: 14-18s-14w (Barton County)
Field	Laud
Well Type	Vertical
Pool	Field
Test Purpose (AEUB)	Initial Test
Qualified By	
Gauge Name	0062

Test Information

Job Number	RR223
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 3 Arbuckle (3363-3414)
Start Test Date	2016/03/21 YYYY/MM/DD
Start Test Time	23:24:00 HH:mm:ss
Final Test Date	2016/03/22 YYYY/MM/DD
Final Test Time	06:45:00 HH:mm:ss



Test Results

Recovery:

15'	O	100% O	31 Gravity @ 60 Deg		
62'	SLWG w/ HOM	10% G	40% O	5% W	45% M
77'	Total Fluid				

Tool Sample: 50% O 5% W 45% M



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 11:49
 TIME OFF: 19:04

DRILL-STEM TEST TICKET
 FILE: Skolaut Mauler Unit 1-14 Dst 4

Company LD Drilling Inc Lease & Well No. Skolaut Mauler Unit 1-14
 Contractor L.D Drilling Inc Charge to L.D Drilling Inc
 Elevation 1914 KB Formation _____ Arbuckle Effective Pay _____ Ft. Ticket No. RR224
 Date 3/22/2016 Sec. 14 Twp. _____ 18 S Range _____ 14 W County _____ Barton State KANSAS
 Test Approved By Kim Shoemaker Diamond Representative _____ Ricky Ray

Formation Test No. 4 Interval Tested from 3362 ft. to 3419 ft. Total Depth 3419 ft.
 Packer Depth 3357 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3362 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3350 ft. Recorder Number 0062 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3395 ft. Recorder Number 8471 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 49 Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 7000 P.P.M. Drill Pipe Length 3335 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number SJ Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? na Reversed Out NA Anchor Length 57A (25P) 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: 1/2" Blow (BOB in 6 mins) 5" BB
2nd Open: 1/4" Blow (BOB in 8 1/2 mins) 1" BB

Recovered 196 ft. of GIP
 Recovered 486 ft. of O 100% O 32 Gravity @ 60 Deg
 Recovered 186 ft. of WM w/ HGO 30% G 40% O 5% W 25% M
 Recovered 672 ft. of Total Fluid

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool Sample: 100% O</u>	Insurance
	Total

Time Set Packer(s) 1:21 PM A.M. P.M. Time Started Off Bottom 4:21 PM A.M. P.M. Maximum Temperature 104

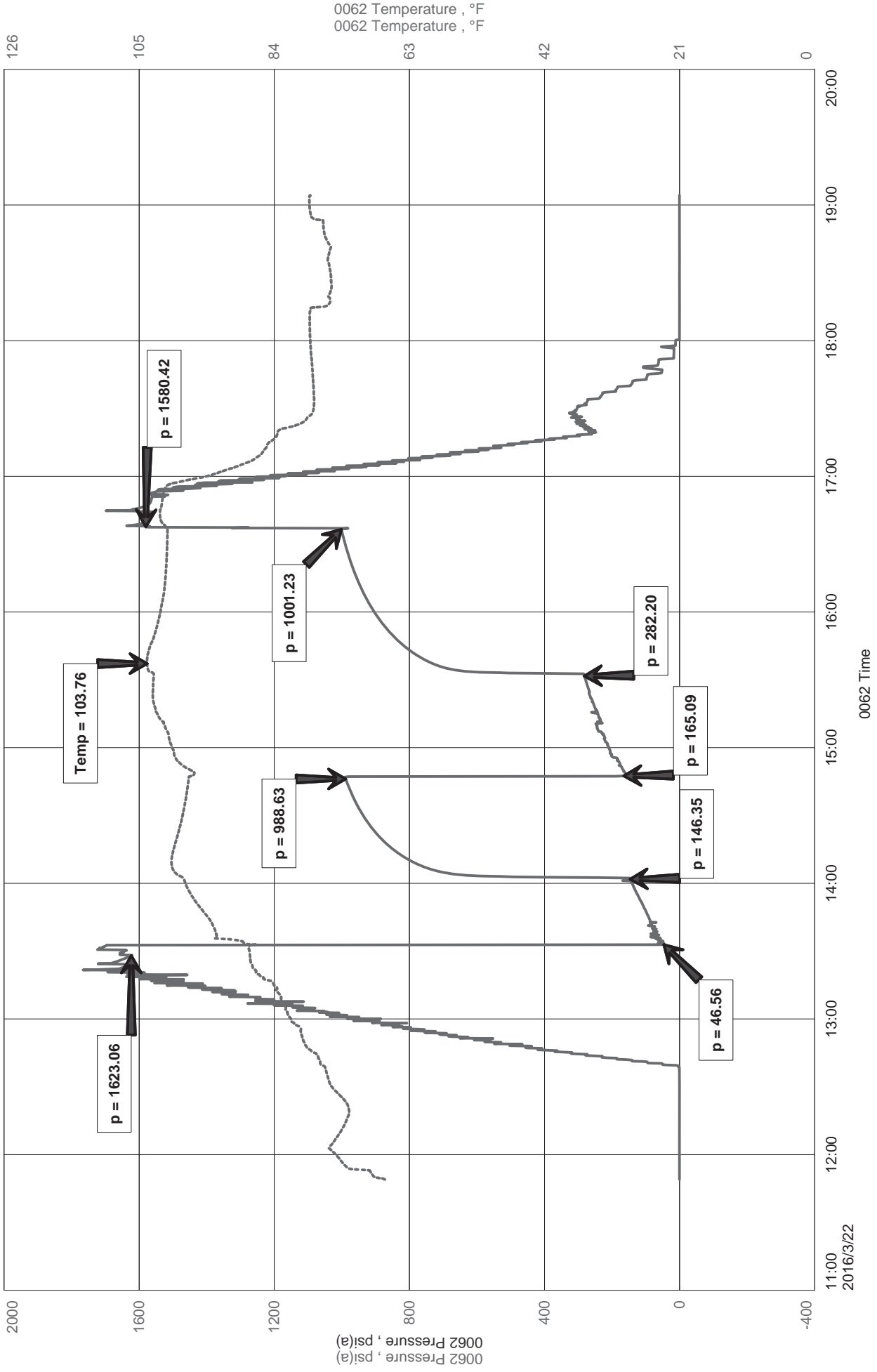
Initial Hydrostatic Pressure..... (A) 1623 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 47 P.S.I. to (C) 146 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 989 P.S.I.
 Final Flow Period..... Minutes 45 (E) 165 P.S.I. to (F) 282 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 1001 P.S.I.
 Final Hydrostatic Pressure..... (H) 1580 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.

L.D Drilling Inc
Dst 4 Arbuckle (3362-3419)
Start Test Date: 2016/03/22
Final Test Date: 2016/03/22

Skolaut Mauler Unit 1-14
Formation: Dst 4 Arbuckle (3362-3419)
Pool: Infield
Job Number: RR224

Skolaut Mauler Unit 1-14





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

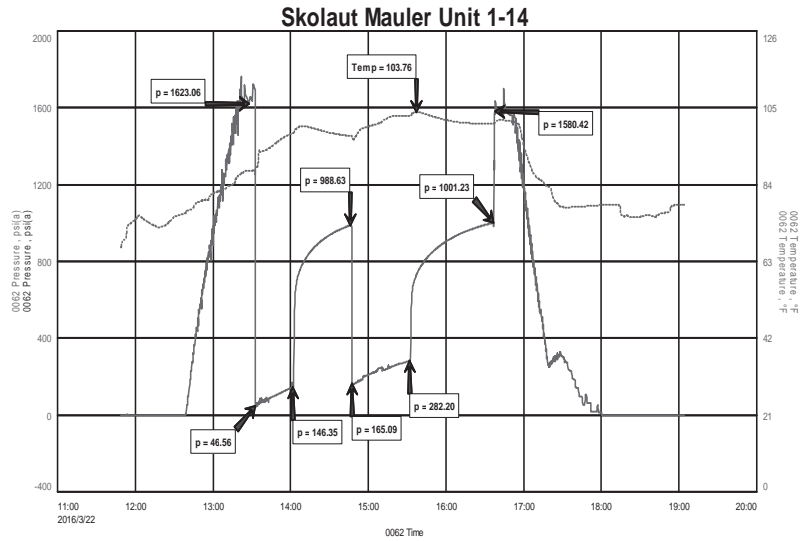
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling Inc
Well Name	Skolaut Mauler Unit 1-14
Surface Location	Sec: 14-18s-14w (Barton County)
Field	Laud
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	
Gauge Name	0062

Test Information

Job Number	RR224
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 4 Arbuckle (3362-3419)
Start Test Date	2016/03/22 YYYY/MM/DD
Start Test Time	11:49:00 HH:mm:ss
Final Test Date	2016/03/22 YYYY/MM/DD
Final Test Time	19:04:00 HH:mm:ss



Test Results

Recovery:

196'	GIP					
486'	O	100%	O	32 Gravity @ 60 Deg		
186'	WM w/ HGO	30% G	40% O	5% W	25% M	
672'	Total Fluid					

Tool Sample: 100% O

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-884-9709 * WICHITA, KS

GEOLOGIST'S REPORT

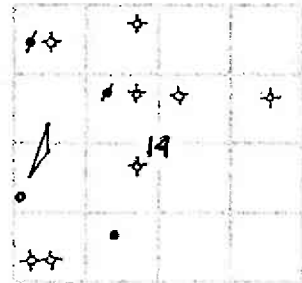
DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.
 LEASE # 1-14 SKOLAUT-MAULER
 FIELD LAUD
 LOCATION 1585' FSL & 130' FWL
 SEC 14 TWP 18s RGE 14w
 COUNTY BARTON STATE KANSAS
 CONTRACTOR L. D. DRILLING, INC.
 SPUD 3-15-16 COMP 3-23-16
 RTD 3520 LTD 3520
 MUD UP 2706 TYPE MUD CHEMICAL

ELEVATIONS
 KB 1914
 DE
 CL 1909
 Measurements Are All
 From 1914 KB
 CASING
 SURFACE 8 5/8" @ 855'
 PRODUCTION 5 1/2" @
 ELECTRICAL SURVEYS
 DUAL IND., DENS-N. MICRO,
 SONIC

SAMPLES SAVED FROM 2800 TO 3520
 DRILLING TIME KEPT FROM 2700 TO 3520
 SAMPLES EXAMINED FROM 2800 TO 3520
 GEOLOGICAL SUPERVISION FROM 3100 TO 3520
 GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	858 + 1056	852 + 1062
B/ANH.	878 + 1036	874 + 1040
TOPEKA	2849 - 935	2847 - 933
HEEBNER	3086 - 1172	3084 - 1170
BROWN LIME	3160 - 1246	3158 - 1244
LANSING	3167 - 1255	3166 - 1254
B/KC	3366 - 1452	3372 - 1458
ARBUCKLE	3408 - 1494	3405 - 1491



API: 15-009-26141

3-15-16 SPUD
 3-16 @ 759'
 3-17 @ 856'
 3-18 @ 2084'
 3-19 @ 2911'
 3-20 @ 3235'
 3-21 @ 3365'
 3-22 @ 3414'
 3-23 @ 3520'

LEGEND

- Anhydrite
- Soil
- Sandstone
- Shale
- Carb sh
- Unsatstone
- Col. Lime
- Chert
- Dolomite



SAMPLE DESCRIPTIONS

ANHYDRITE 852+1062

B/ANH. 874+1040

LITHOLOGY

2700

2800

2900

3000

Samples are bagged

Sh. 41g. Silty

45. 7-41. Bl. Sh. Foss. Silty

45. 41g. Silty Foss. Silty

Sh. 41g.

TOPEKA 2897-933

45. 41g. Silty Foss. Silty

45. 7-41g. Silty Foss

45. 41g. Silty Foss. Silty

45. 41g. Silty Foss

45. 41g. Silty

Sh. 41g. Silty

45. 41g. Silty Foss

Sh. 41g. Silty

45. 7-41g. Silty Foss

Sh. 41g. Silty

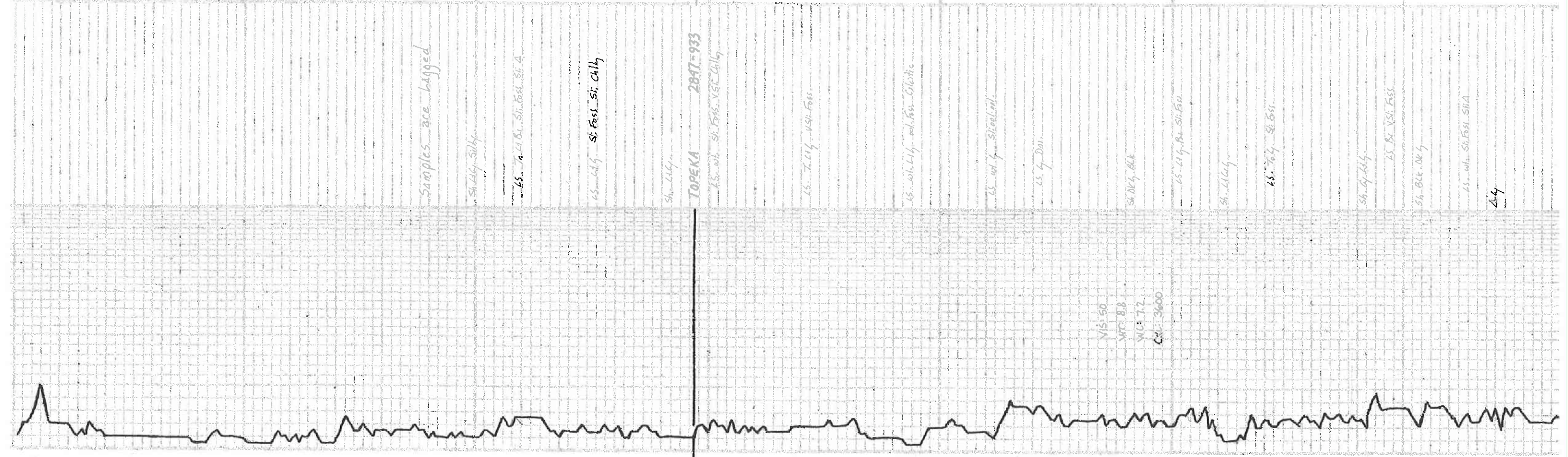
45. 41g. Silty Foss

45. 41g. Silty

45. 41g. Silty Foss

44

Vis: 50
WTC: 88
WLA: 7.2
Cali: 3600





BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 12183 A

DATE _____ TICKET NO. _____

DATE OF JOB 3-23-16 DISTRICT		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:				
CUSTOMER LD DRILLING, INC		LEASE SKOLAVIT-MADLER WELL NO. H14				
ADDRESS		COUNTY BARTON STATE Ks.				
CITY STATE		SERVICE CREW KC, Bohann, Adams				
AUTHORIZED BY		JOB TYPE: CNW-LOW C STRONG				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 3-23 DATE TIME AM PM 1200
20920	1/2					ARRIVED AT JOB AM PM 1600
19918	1/2					START OPERATION AM PM 1900
						FINISH OPERATION AM PM 1930
						RELEASED AM PM 2000
						MILES FROM STATION TO WELL 65

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Paul W. [Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	HAZ CEMENT	SK	150		2,550.00
CP103	60/40 P07	SK	30		360.00
CC102	CELL FLAKE	lb.	38		140.60
CC111	STRT	lb.	816		408.00
CC113	CUT SUM	lb.	705		528.75
CC129	FLA-322	lb.	113		847.50
CC201	WILSONITE	lb.	900		603.00
CF607	5/2 LATCH DOWN PLUG	EA	1		400.00
CF1251	5/2 WFL PLUG SHO	EA	1		360.00
CF1651	5/2 TURBOLETER	EA	6		660.00
CF1901	5/2 PINSLET	EA	1		290.00
CC151	MUD FLUSH	gal	1000		1500.00
E100	FECHUP MILEAGE	mi.	65		292.50
E101	TRUCK MILEAGE	mi.	130		975.00
E113	BULK DELIVERY	TM	543		1356.88
CE204	DEPTH CHARGE 3001'-4600'	EA	1		2160.00
CE246	BLENDING CHARGE	SK	180		252.00
CE504	PLUG CONTAINER	EA	1		250.00
5003	SERVICE SUPERVISOR	EA	1		175.00
SUB TOTAL					14,109.23

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		7,054.61

SERVICE REPRESENTATIVE <i>[Signature]</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Paul W. [Signature]</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO. _____

Customer	L.D. DRILLING INC		Lease No		Date	3-23-16	
Lease	SKOLAUT-MAULEY		Well #	# 1-14			
Field Order #	Station	Casing	Depth	County	State		
1183	PRATT, KS.	5 1/2	3511	BARTON	KS.		
Type Job	CNW - LOW STRENGTH		Formation	TD-3520	Legal Description	14-18-14	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing 5 1/2	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 3511	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 3479	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	LD	Station Manager	KEVIN	Treater	CORDLEY
Service Units	83353	33008-20920	77686-19918		
Driver Names	BC	SHAWN	ADAM S		

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
1600					ON LOCATION
					RUN 85 FT. 5 1/2" CSG = 3507'
					PROD SHO. LATCH BAFFLE IN
					12' SHO. FT.
					CENT-1, 2, 3, 5, 7, 9 BASKET-4
					TAC BOTTOM, DRIP BALLY CIRC.
1900	460		24	6	PUMP 24 bbl (MUD) FLUSH
	400		5	6	PUMP 5 bbl H ₂ O
	460		41	6	MIX 150 SK AA2 CEMENT
					10% SALT 10% GYPSUM .8%
					FLA-322 4" CELLFIBRE, 6" CEMENT
					STOP - WASH LINE - DRIP PUMP
	0		0	6	START DISP.
	300		55	6	LEFT CEMENT
	800		80	3	SLOW RATE
1930	1500		85.4	3	PUMP DOWN - HOLD
					PUMP RAT HOLE - 30 SK 60/40 P2
2000					JOB COMPLETE - KEVIN

L. D. DRILLING, INC.

7 SW 26th Avenue

GREAT BEND, KS 67530

TD- 3520'
LTD- 3523'

Customer _____ Order _____

Lease _____ Date _____

Description of Pipe _____

Amount _____

Jts.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.
1	42	62	39	05	OUT	41	28			
2	41	26	40	90		41	28			
3	42	60	42	70		42	65			
4	41	28	42	58		40	71			
5	42	62	42	58		43	13			
6	38	59	OUT	42	28	42	57			
7	42	73	41	98		42	63			
8	42	65	43	09		42	67			
9	42	62	42	51		41	94			
10	42	53	40	20		41	24			
11	42	59	43	35		42	52			
12	42	52	42	23		41	24			
13	42	17	42	60		42	68			
14	41	30	40	65		40	00			
15	42	31	42	60		40	74			
16	42	75	42	63		41	30			
17	41	24	43	38		41	93			
18	42	76	42	68		40	03			
19	42	54	41	30		43	61			
20	42	66	40	74		39	37	OUT		
21	41	33	42	58		40	74			
22	42	58	40	09		41	24			
23	42	19	40	74		43	18			
24	40	25	41	23		40	75			
25	40	76	42	73		41	28			
26	40	13	41	24		40	37			
27	42	63	41	02		41	25	OUT		
28	43	06	42	51		11	96			
29	43	15	42	33		12	63			
30	42	58	41	27						
Total	1261	55	1255	87		1146	92			

8
3664.34

TOTAL PIECES _____ LENGTH _____ FEET _____ INCHES _____

RECEIVED BY _____ TALLIED BY _____

Customer <i>L.P. Drilling</i>	Lease No.	Date <i>3/16/16</i>	
Lease <i>Skolrud - 5 Mawles</i>	Well # <i>1-14</i>		
Field Order # <i>13299A</i>	Station <i>Pipe 1 ps</i>	Casing <i>8 5/8</i>	Depth <i>855</i>
Type Job <i>8 5/8 Surface pipe</i>	Formation <i>cnw</i>	County <i>Barton</i>	State <i>KS</i>
		Legal Description <i>14 18 14</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>				Pre Pad	Max		5 Min.	
Depth <i>855</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>55</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>500</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>8 5/8</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth	Packer Depth	From	To					

Customer Representative <i>Rick</i>	Station Manager <i>Kevin Gaudley</i>	Treater <i>Scott Graves</i>
--	---	--------------------------------

Service Units	<i>70752</i>	<i>78987</i>	<i>86779</i>	<i>77656</i>	<i>19918</i>				
Driver Names	<i>Scott</i>	<i>Shane</i>	<i>E.J.</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>17:00</i>					<i>On Location Safety Meeting Rigs</i>
<i>3:10</i>					<i>Break Circulation</i>
<i>3:20</i>	<i>200</i>			<i>5</i>	<i>Pump 1:30 Spindle</i>
<i>3:21</i>	<i>250</i>		<i>5</i>	<i>5.5</i>	<i>Mix 200 sls A-Car 12 pp</i>
<i>3:37</i>	<i>200</i>		<i>88</i>	<i>5.5</i>	<i>Mix 200 sls Common 15.6 pp</i>
<i>3:45</i>	<i>50</i>		<i>44.5</i>		<i>Shut down</i>
<i>3:46</i>					<i>Release Plug</i>
<i>3:48</i>	<i>250</i>			<i>5.5</i>	<i>Start displacement</i>
<i>4:00</i>	<i>250</i>		<i>53</i>		<i>Shut down</i>
					<i>Job Complete</i>
					<i>Circulated 70 bbls Cement to Surface</i>