



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1241678
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: _____



1241678

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	JENNIFER 1-9
Doc ID	1241678

Tops

Name	Top	Datum
ANHYDRITE	1472	+785
BASE ANHYDRITE	1502	+755
HEEBNER	3768	-1511
TORONTO	3785	-1528
LANSING	3811	-1554
BASE KANSAS CITY	4129	-1872
MARMATON	4170	-1913
FORT SCOTT	4315	-2058
CHEROKEE SHALE	4336	-2079
MISSISSIPPIAN OSAGE	4394	-2137



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: JENNY1-9DST1

TIME ON: 2005 (12/8)
TIME OFF: 0420 (12/9)

Company L.D. DRILLING, INC. Lease & Well No. JENNIFER #1-9
Contractor L.D.DRILLING,INC.RIG 1 Charge to L.D. DRILLING, INC.
Elevation 2252 GL EST Formation MISSISSIPPI Effective Pay _____ Ft. Ticket No. M736
Date 12/6/2014 Sec. 9 Twp. 20 S Range 21 W County NESS State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4355 ft. to 4404 ft. Total Depth 4404 ft.
Packer Depth 4350 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4355 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4344 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4357 ft. Recorder Number E1150 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 45 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 7.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,800 P.P.M. Drill Pipe Length 4330 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 49 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (32" DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: VWSB INCREASING TO 3" (NO BB)
2nd Open: VWSB INCREASING TO 2" (NO BB)

Recovered 25 ft. of GOCM 2% GAS, 10% OIL, 88% MUD
Recovered 25 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>4% GAS, 20% OIL, 76% MUD</u>	Total

Time Set Packer(s) 11:30 P.M. ^{A.M.} P.M. Time Started Off Bottom 2:30 A.M. ^{A.M.} P.M. Maximum Temperature 111°F

Initial Hydrostatic Pressure..... (A) 2117 P.S.I.
Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 18 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1061 P.S.I.
Final Flow Period..... Minutes 45 (E) 20 P.S.I. to (F) 24 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1087 P.S.I.
Final Hydrostatic Pressure..... (H) 2102 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	L.D. DRILLING, INC.	Job Number	M736
Well Name	JENNIFER #1-9	Representative	MIKE COCHRAN
Unique Well ID	DST#1 4355-4404 MISSISSIPPI	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.9-20S-21W NESS CO.KS.	Report Date	2014/12/09
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JIM MUSGROVE
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 4355-4404 MISSISSIPPI		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/12/08	Start Test Time	20:05:00
Final Test Date	2014/12/09	Final Test Time	04:20:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

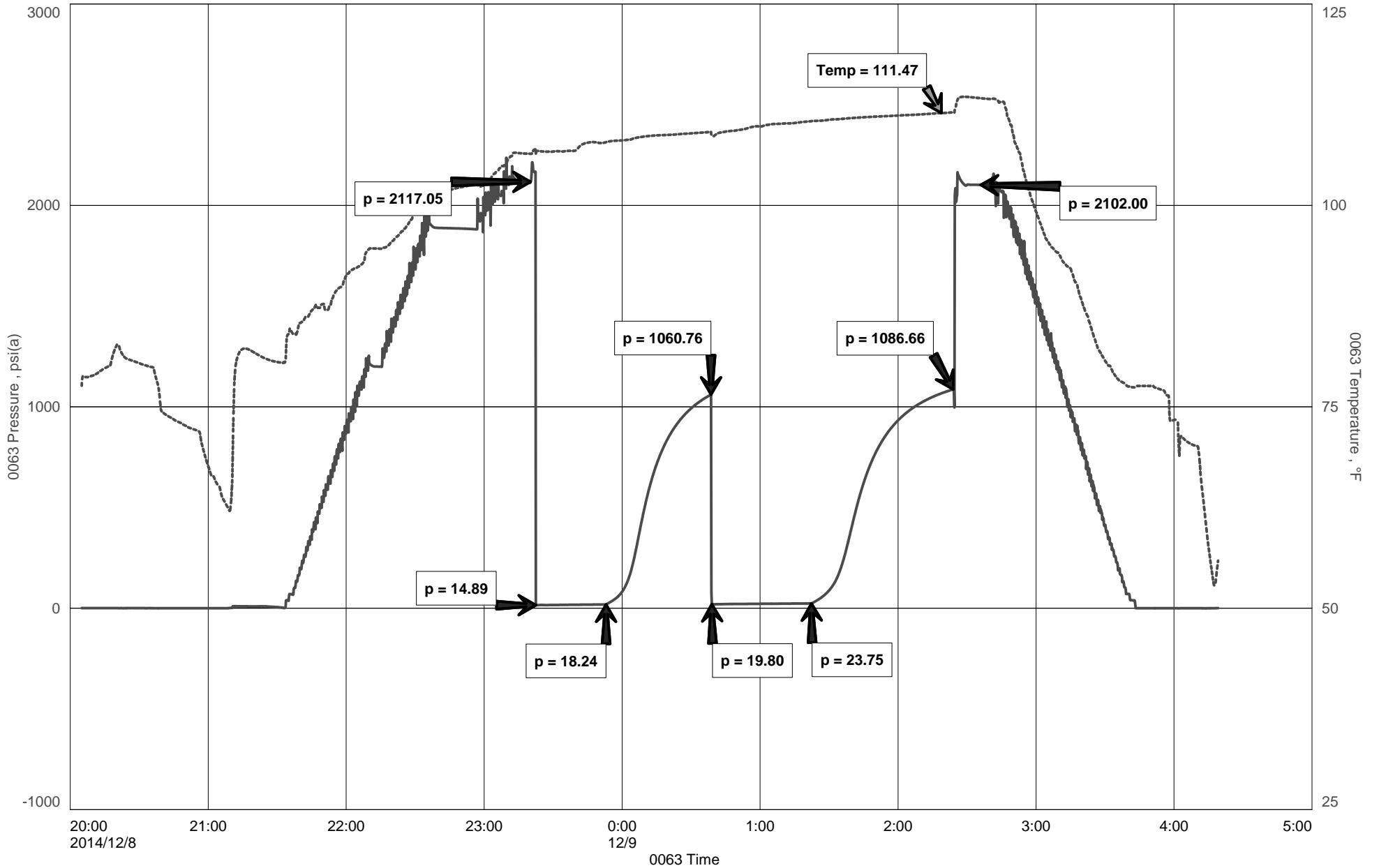
Remarks RECOVERED:
25' GOCM 2% GAS, 10% OIL, 88% MUD
25' TOTAL FLUID

TOOL SAMPLE: 4% GAS, 20% OIL, 76% MUD

L.D. DRILLING, INC.
DST#1 4355-4404 MISSISSIPPI
Start Test Date: 2014/12/08
Final Test Date: 2014/12/09

JENNIFER #1-9
Formation: DST#1 4355-4404 MISSISSIPPI
Pool: WILDCAT
Job Number: M736

JENNIFER #1-9





DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: JENNY1-9DST2

TIME ON: 1135
 TIME OFF: 2130

Company L.D. DRILLING, INC. Lease & Well No. JENNIFER #1-9
 Contractor L.D.DRILLING,INC.RIG 1 Charge to L.D. DRILLING, INC.
 Elevation 2252 GL EST Formation MISSISSIPPI Effective Pay _____ Ft. Ticket No. M737
 Date 12/9/2014 Sec. 9 Twp. 20 S Range 21 W County NESS State KANSAS
 Test Approved By JIM MUSGROVE Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4355 ft. to 4410 ft. Total Depth 4410 ft.
 Packer Depth 4350 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
 Packer Depth 4355 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4344 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 4357 ft. Recorder Number E1150 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 6,200 P.P.M. Drill Pipe Length 4330 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 55 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (32" DP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: SSB, BOB 2 MIN (WEAK BB)
 2nd Open: SSB, BOB 2 MIN (NO BB)

Recovered 270 ft. of GIP
 Recovered 318 ft. of GOCMW 8% GAS, 15% OIL, 48% WTR, 29% MUD
 Recovered 1257 ft. of GMOW 2% GAS, 9% OIL, 85% WTR, 4% MUD
 Recovered 825 ft. of GW 2% GAS, 98% WTR

Recovered <u>2400</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>PH: 7.0</u> <u>RW: .33 @ 82 DEG</u>	Insurance
<u>CHLOR: 21,000 PPM</u>	
<u>TOOL SAMPLE: 1% GAS, 20% OIL, 75% WTR, 4% MUD</u>	Total

Time Set Packer(s) 2:00 P.M. ^{A.M.} P.M. Time Started Off Bottom 4:30 P.M. ^{A.M.} P.M. Maximum Temperature 128°F

Initial Hydrostatic Pressure..... (A) 2103 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 88 P.S.I. to (C) 603 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 1216 P.S.I.
 Final Flow Period..... Minutes 45 (E) 594 P.S.I. to (F) 1063 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 1214 P.S.I.
 Final Hydrostatic Pressure..... (H) 2097 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	L.D. DRILLING, INC.	Job Number	M737
Well Name	JENNIFER #1-9	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4355-4410 MISSISSIPPI	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.9-20S-21W NESS CO.KS.	Report Date	2014/12/09
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JIM MUSGROVE
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 4355-4410 MISSISSIPPI		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/12/09	Start Test Time	11:35:00
Final Test Date	2014/12/09	Final Test Time	21:30:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

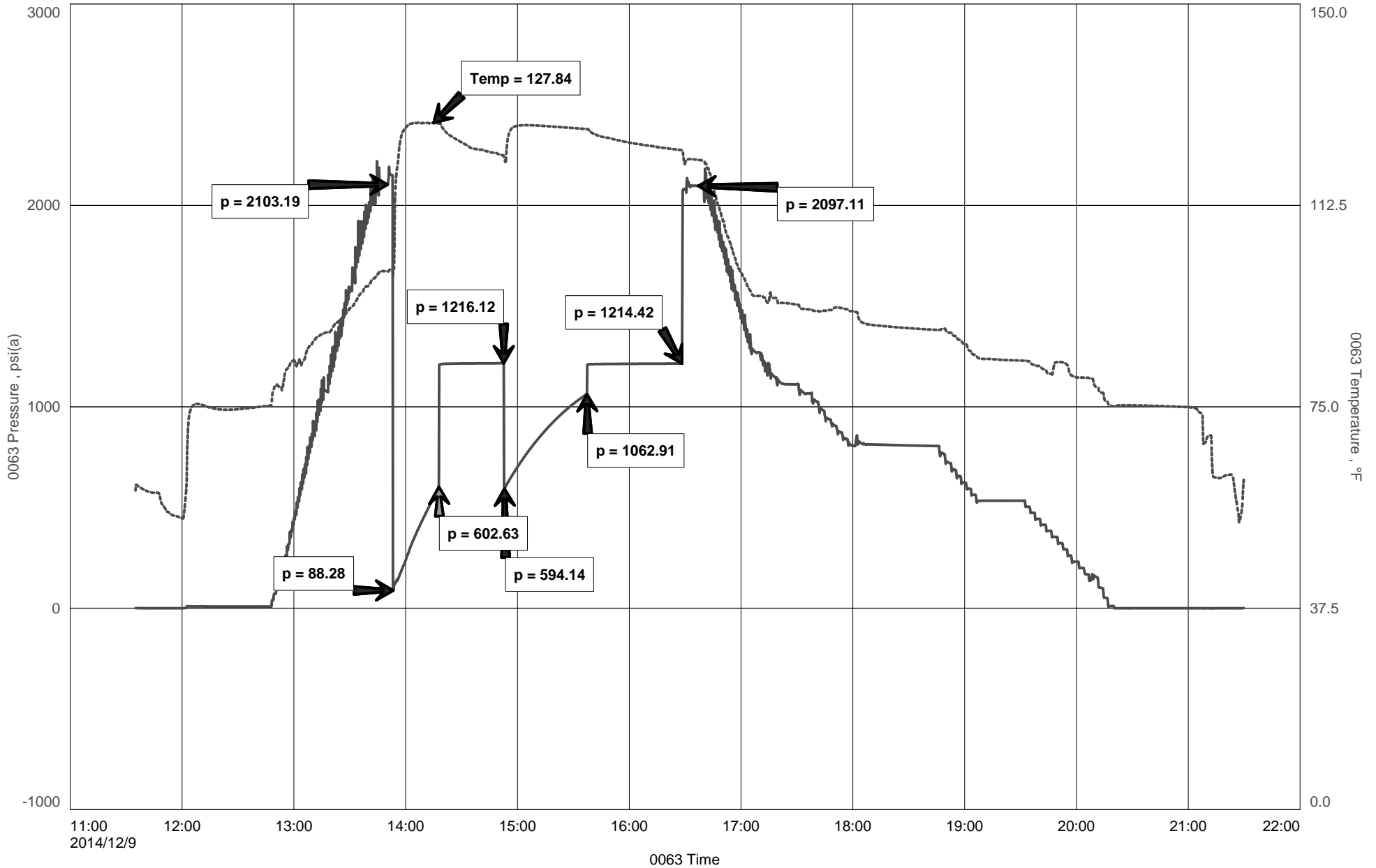
Remarks RECOVERED:

270' GIP
318' GOCMW 8% GAS, 15% OIL, 48% WTR, 29% MUD
1257' GMOW 2% GAS, 9% OIL, 85% WTR, 4% MUD
825' GW 2% GAS, 98% WTR
2400' TOTAL FLUID

CHLOR: 21,000 PPM
PH: 7.0
RW: .33 @ 82 DEG

TOOL SAMPLE: 1% GAS, 20% OIL, 75% WTR, 4% MUD

JENNIFER #1-9





James C. Musgrove
Petroleum Geologist

Office (620) 588-4250 212 Main St. • P.O. Box 215 • Claflin, KS 67525 Home (620) 587-3444

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY LD Drilling Inc.
 LEASE Jennifer #1-9
 FIELD Betz
 LOCATION 1500' FSH - 330' FEL
 SEC 9 TWP 20^S RGE 21^W
 COUNTY Ness STATE Kansas
 CONTRACTOR LD Drilling Inc. (rig #1)
 SPUD 12/1/2014 COMP 12/10/2014
 RTD 4510 LTD 4508
 MUD UP 3600+ TYPE MUD chemical displaced

ELEVATIONS
 KB 2257
 DF _____
 GL 2252
 Measurements Are All From -KB-
 CASING SURFACE 8 5/8" 724'
 PRODUCT ION 5 1/2" 4509
 ELECTRICAL SURVEYS
By Nabors

SAMPLES SAVED FROM 3600 TO _____
 DRILLING TIME KEPT FROM 3600 TO _____
 SAMPLES EXAMINED FROM 3700 TO _____
 GEOLOGICAL SUPERVISION FROM _____ TO _____
 GEOLOGIST ON WELL Jim Musgrove

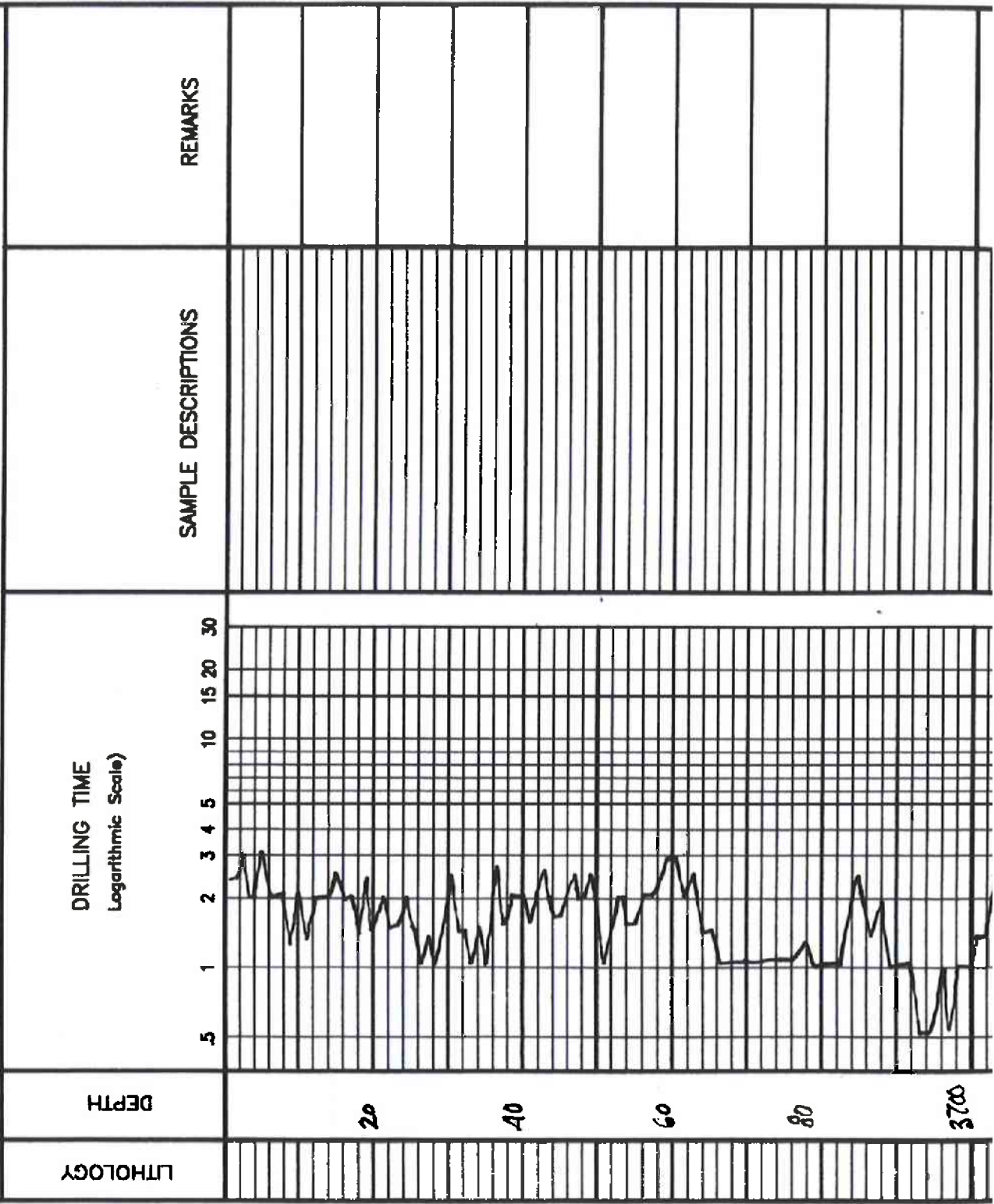
FORMATION TOPS	LOG	SAMPLES
anhydrite	1472 - 785	
Base anhydrite	1502 - 755	
Heebner	3768 - 1511	
Toronto	3785 - 1528	
Wansing	3811 - 1554	
Base Kansas City	4129 - 1872	
Marmaton	4170 - 1913	
Farr Scott	4315 - 2058	
Cherokee Shale	4336 - 2079	
Mississippian Osage	4394 - 2137	
RTD	4510 - 2253	
LTD	4508 - 2251	

REMARKS
 5 1/2" production casing was set & cemented on LD Drilling Inc, Jennifer #1-9.
 Respective logs submitted;
 James C. Musgrove
 Petroleum Geologist



LEGEND

- Anhydrite
- Soft Sandstone
- Sandstone
- Shale
- Carb sh
- Limestone
- Ool. Lime
- Chert
- Dolomite



ENC/

LVS / 1/27

LS; wh/gry; f-x-h; fess,
shaly
+ Jr. gym A

~ BIG CARB. sh

~ gm/gmish green sh

LS; wh/gry; f-x-h; fess
in part 3022-3
+ Jr. wh A

~ gm/gmish blue/green
sh
3022-5h

LS; wh/gry; f-x-h; fess,
shaly

33

LS; wh/gry; f-x-h; fess,
f. wh; (part)

2257 KB

32

LS; wh/gry; fess,
shaly; 1/4 wh

~ BIG CARB. sh

32

LS; wh/gry; f-x-h; fess, shaly

32

clastic arg. f. wh A

LS; wh/gry; f-x-h; fess, shaly
good con. of m. f.

32

LS; wh/gry; f-x-h; fess

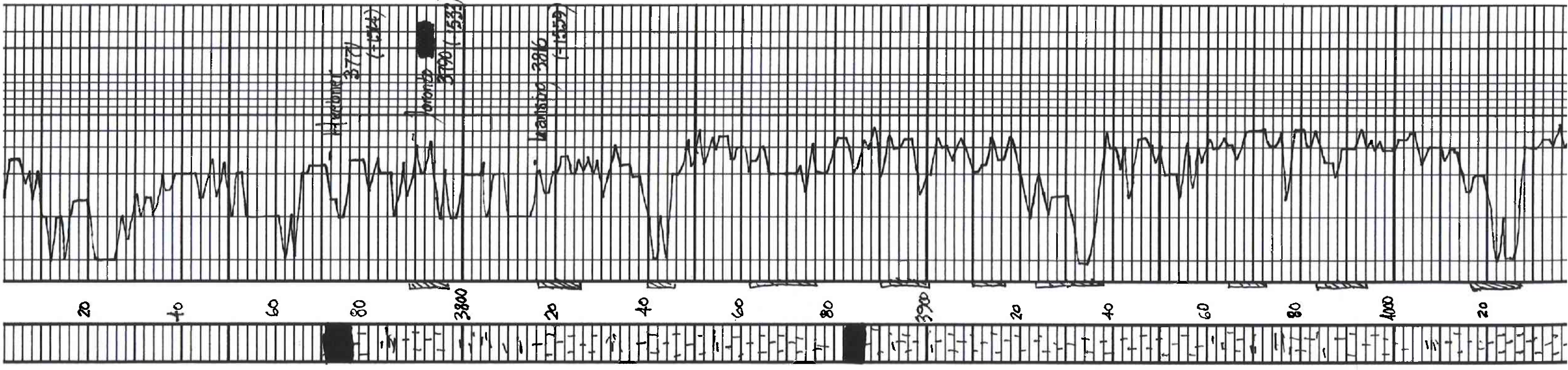
32

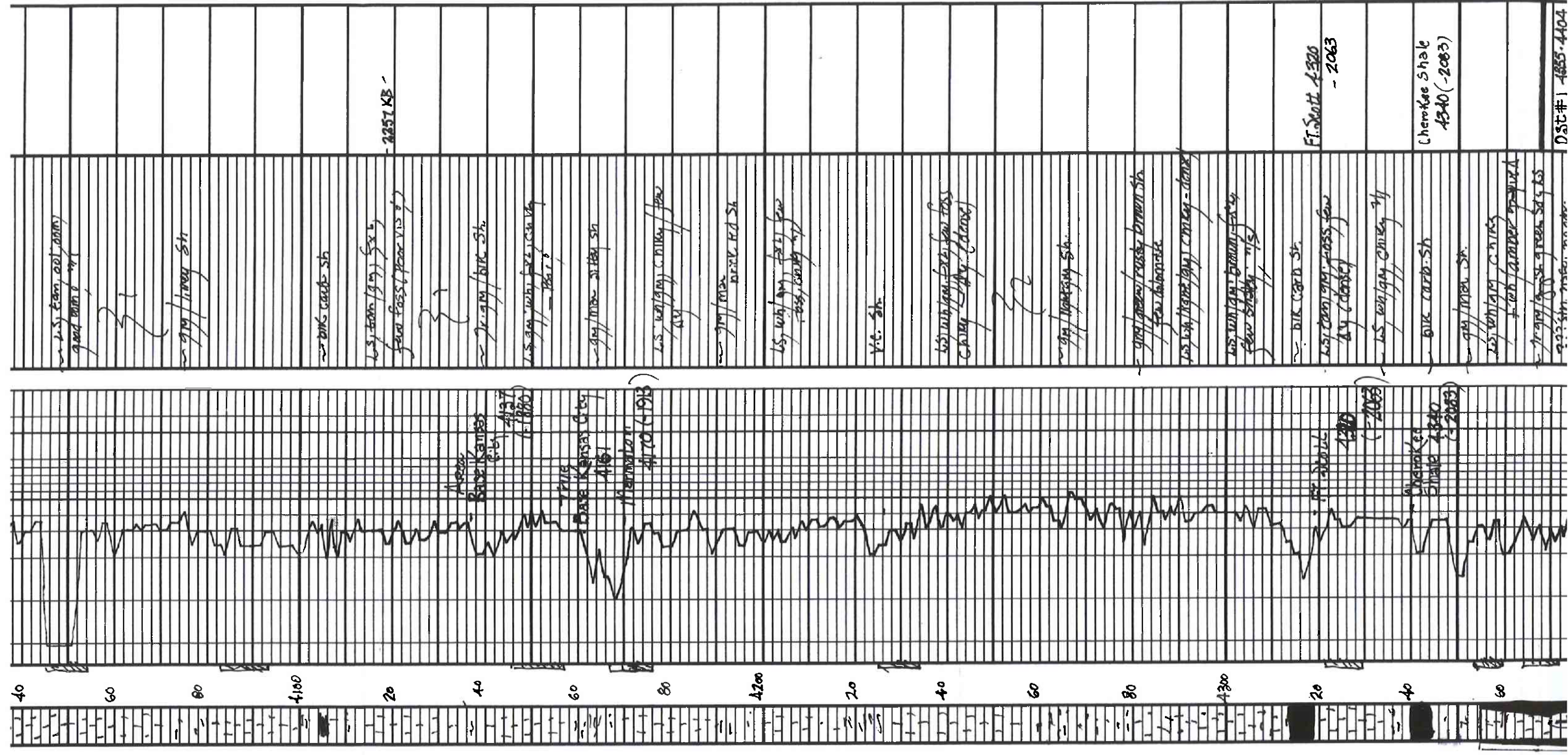
~ gm/msh - BIG sh

LS; wh/gry; f-x-h; fess,
poor con. of m. f.

32

LS; wh/gry; f-x-h; fess, shaly





ls. tan, ool. zone
good outcrop

sh. gray
ls. gray sh.

limb carb. sh.

ls. tan (gm) sh.
few foss. (near vis. of)

sh. gray / blk. sh.

ls. gray, white, fine, calc. sh.
blk. sh.

sh. gray / blk. sh.

ls. tan / blk. sh.
few

sh. gray / blk. sh.

ls. tan / blk. sh.
few

blk. sh.

ls. tan / blk. sh.
few
Chazy Sh. (dense)

sh. gray / blk. sh.

sh. gray / blk. sh.
few

ls. tan / blk. sh.
few
blk. sh.

ls. tan / blk. sh.
few

blk. carb. sh.

ls. tan / blk. sh.
few
blk. sh.

ls. tan / blk. sh.
few

blk. carb. sh.

sh. gray / blk. sh.

ls. tan / blk. sh.
few
blk. sh.

sh. gray / blk. sh.
few

- 2257 KB -

Fl. Scott 4320
- 2063

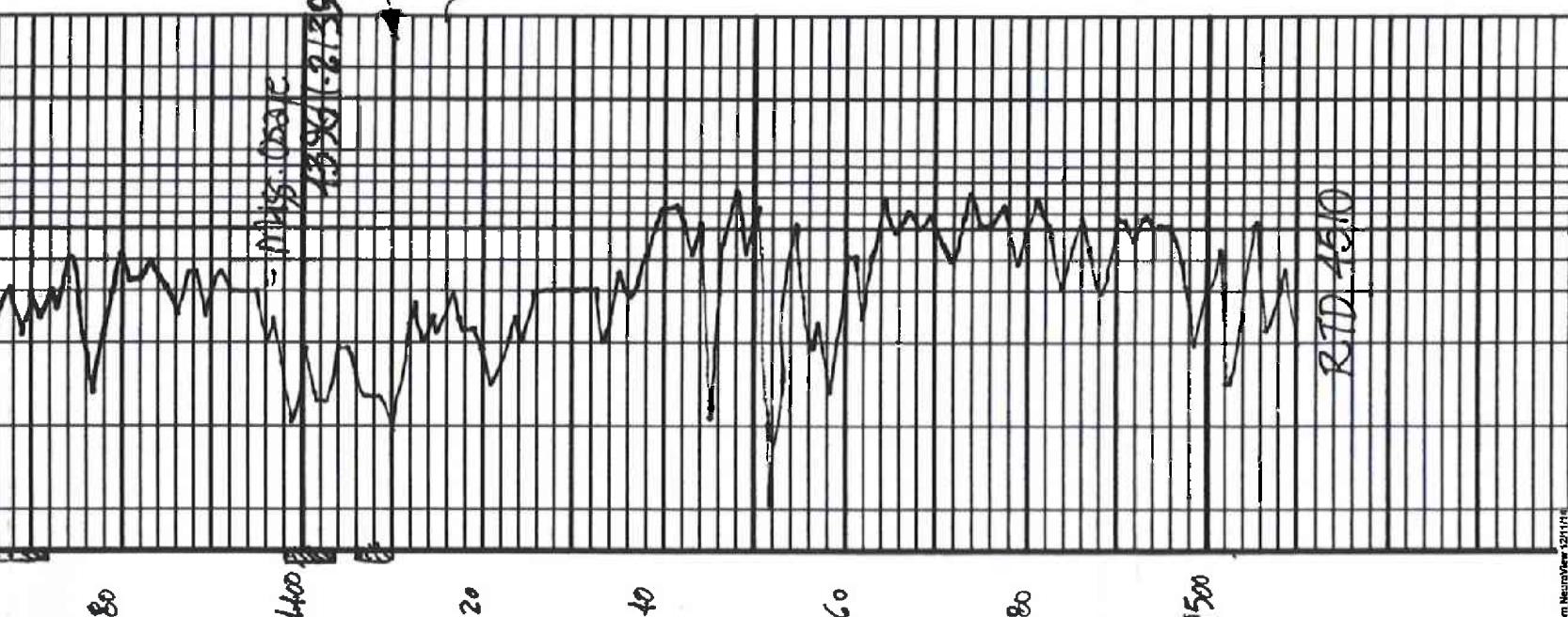
(Hemlock shale
4340 (-2063))

DIST #1 - 4885-4404

Dst # 1 4355-4404
 30-45-45-60
 Blow weak (3")
 2nd opening weak (2")
 Rec: 25' oil gas
 (2% gas, 10% oil, 88% mud)
 Pressures, slip 1064 ps
 fsp 1087
 ffp 1518
 HSH 434
 2117-2102

Dst # 2 4355-4410
 30-46-45-60
 Blow string (Bob 2 min)
 2nd opening (Bob 2 min)
 Rec: 270 Gas in pipe
 538' oil, Gas Cut
 muddy water
 (87% gas, 15% oil, 4% water; 20% mud)
 1257' oil gas cut
 muddy water
 (27% gas, 9% oil, 85% water; 4% mud)
 825' gassy water
 Pressures, slip 1216 ps
 fsp 1214
 ffp 88-603
 HSH 534-1003
 2103-2097

1-10 gm / green sh. & gas
 2-10 gm / n/a, no odor
 3-10 gm / green / yellow sh.
 4-10 gm / blue green sandy sh.
 5-10 gm / yellow / tan sh.
 6-10 gm / brown / tan sh.
 7-10 gm / brown sh. / f.s. odor
 8-10 gm / brown sh. / f.s. odor
 9-10 gm / brown sh. / f.s. odor
 10-10 gm / brown sh. / f.s. odor
 11-10 gm / brown sh. / f.s. odor
 12-10 gm / brown sh. / f.s. odor
 13-10 gm / brown sh. / f.s. odor
 14-10 gm / brown sh. / f.s. odor
 15-10 gm / brown sh. / f.s. odor
 16-10 gm / brown sh. / f.s. odor
 17-10 gm / brown sh. / f.s. odor
 18-10 gm / brown sh. / f.s. odor
 19-10 gm / brown sh. / f.s. odor
 20-10 gm / brown sh. / f.s. odor
 21-10 gm / brown sh. / f.s. odor
 22-10 gm / brown sh. / f.s. odor
 23-10 gm / brown sh. / f.s. odor
 24-10 gm / brown sh. / f.s. odor
 25-10 gm / brown sh. / f.s. odor
 26-10 gm / brown sh. / f.s. odor
 27-10 gm / brown sh. / f.s. odor
 28-10 gm / brown sh. / f.s. odor
 29-10 gm / brown sh. / f.s. odor
 30-10 gm / brown sh. / f.s. odor
 31-10 gm / brown sh. / f.s. odor
 32-10 gm / brown sh. / f.s. odor
 33-10 gm / brown sh. / f.s. odor
 34-10 gm / brown sh. / f.s. odor
 35-10 gm / brown sh. / f.s. odor
 36-10 gm / brown sh. / f.s. odor
 37-10 gm / brown sh. / f.s. odor
 38-10 gm / brown sh. / f.s. odor
 39-10 gm / brown sh. / f.s. odor
 40-10 gm / brown sh. / f.s. odor
 41-10 gm / brown sh. / f.s. odor
 42-10 gm / brown sh. / f.s. odor
 43-10 gm / brown sh. / f.s. odor
 44-10 gm / brown sh. / f.s. odor
 45-10 gm / brown sh. / f.s. odor
 46-10 gm / brown sh. / f.s. odor
 47-10 gm / brown sh. / f.s. odor
 48-10 gm / brown sh. / f.s. odor
 49-10 gm / brown sh. / f.s. odor
 50-10 gm / brown sh. / f.s. odor
 51-10 gm / brown sh. / f.s. odor
 52-10 gm / brown sh. / f.s. odor
 53-10 gm / brown sh. / f.s. odor
 54-10 gm / brown sh. / f.s. odor
 55-10 gm / brown sh. / f.s. odor
 56-10 gm / brown sh. / f.s. odor
 57-10 gm / brown sh. / f.s. odor
 58-10 gm / brown sh. / f.s. odor
 59-10 gm / brown sh. / f.s. odor
 60-10 gm / brown sh. / f.s. odor
 61-10 gm / brown sh. / f.s. odor
 62-10 gm / brown sh. / f.s. odor
 63-10 gm / brown sh. / f.s. odor
 64-10 gm / brown sh. / f.s. odor
 65-10 gm / brown sh. / f.s. odor
 66-10 gm / brown sh. / f.s. odor
 67-10 gm / brown sh. / f.s. odor
 68-10 gm / brown sh. / f.s. odor
 69-10 gm / brown sh. / f.s. odor
 70-10 gm / brown sh. / f.s. odor
 71-10 gm / brown sh. / f.s. odor
 72-10 gm / brown sh. / f.s. odor
 73-10 gm / brown sh. / f.s. odor
 74-10 gm / brown sh. / f.s. odor
 75-10 gm / brown sh. / f.s. odor
 76-10 gm / brown sh. / f.s. odor
 77-10 gm / brown sh. / f.s. odor
 78-10 gm / brown sh. / f.s. odor
 79-10 gm / brown sh. / f.s. odor
 80-10 gm / brown sh. / f.s. odor
 81-10 gm / brown sh. / f.s. odor
 82-10 gm / brown sh. / f.s. odor
 83-10 gm / brown sh. / f.s. odor
 84-10 gm / brown sh. / f.s. odor
 85-10 gm / brown sh. / f.s. odor
 86-10 gm / brown sh. / f.s. odor
 87-10 gm / brown sh. / f.s. odor
 88-10 gm / brown sh. / f.s. odor
 89-10 gm / brown sh. / f.s. odor
 90-10 gm / brown sh. / f.s. odor
 91-10 gm / brown sh. / f.s. odor
 92-10 gm / brown sh. / f.s. odor
 93-10 gm / brown sh. / f.s. odor
 94-10 gm / brown sh. / f.s. odor
 95-10 gm / brown sh. / f.s. odor
 96-10 gm / brown sh. / f.s. odor
 97-10 gm / brown sh. / f.s. odor
 98-10 gm / brown sh. / f.s. odor
 99-10 gm / brown sh. / f.s. odor
 100-10 gm / brown sh. / f.s. odor



80
 4400
 20
 40
 60
 80
 4500
 RTD-4410



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

FIELD SERVICE TICKET

1718 11696 A

9-205-21W

DATE _____ TICKET NO. _____

DATE OF JOB 12-11-14 DISTRICT Pratt		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 Jennison WELL NO. 1-9							
ADDRESS		COUNTY Moss STATE KS							
CITY STATE		SERVICE CREW Mattal, Mcgrew, Cobb							
AUTHORIZED BY		JOB TYPE: CW 5 1/2 long Spring							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
37586	1						12-10-14	PM	5:30
						ARRIVED AT JOB		AM	11:30
27463	1					START OPERATION	12-11-14	AM	4:20
						FINISH OPERATION		AM	5:15
19903/21010	1					RELEASED		AM	6:15
						MILES FROM STATION TO WELL			100

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: X L D Davis By D Scott
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA-2 CRT	SK	175		2,975 00
CP 103	60/40 POZ	SW	30		360 00
CC 102	Cellulose	lb	44		162 80
CC 111	SAIT	lb	954		477 00
CC 113	Gypsum	lb	825		618 75
CC 129	FA-322	lb	132		990 00
CC 201	Silsonite	lb	1050		703 50
CF 607	Water Down Plug + Barrier 5 1/2	EA	1		400 00
CF 1251	Auto Kill Plug 5 1/2	EA	1		360 00
CF 1651	Tribolite 5 1/2	EA	6		660 00
CC 151	Mud Flush	SAI	500		750 00
E 100	P. H. Miles	Mi	100		450 00
E 101	Heavy eq. Miles	Mi	200		1,500 00
E 113	Prod + Bulk Del.	TM	955		2,387 50
CC 205	Depth Change 4000-5000'	44'	1		2,520 00
CC 240	Blend + Mix	SK	205		287 00
CC 504	Plug container	TOB	1		250 00
S 003	Supervisor	EA	1		175 00

SUB TOTAL 16,026 55

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		11,218 59

SERVICE REPRESENTATIVE <u>Mike Mattal</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>X L D Davis By D Scott</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

Customer LD Drilling inc	Lease No.	Date 12-11-14
Lease Jennifer	Well # 1-9	
Field Order # 11696	Station Pratt	Casing 5 1/2
		Depth 4506
Type Job COW 5 1/2 long string	Formation	County Ness
		State KS
		Legal Description 9-205-21W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 175 SK	AA-2	RATE LO	PRESS B1-11
Depth 3506	Depth	From	To	Pre Pad 30 SK	Max 60/40	POZ	ISIP 5 Min.
Volume 110	Volume	From	To	Pad	Min		10 Min.
Max Press 1500	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 4491	Packer Depth	From	To	Flush 109.5	Gas Volume		Total Load

Customer Representative Rick	Station Manager Kevin Gaudin	Treater Mike Marral
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Service Units 37586	27463	19903	21010
Driver Names MATHI	MEYER	COB	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:30 PM					ON location, safety meeting
1:10					Run 5 1/2 csng, cent. on 1, 3, 5, 7, 9, 11
3:05					CSNG ON BOTTOM
3:15					HOOK TO CSNG
4:20	300		5	6	PUMP 5 BBLS WATER
4:21	350		12	6	PUMP 12 BBLS MUD FLUSH
4:23	350		5	6	PUMP 5 BBLS WATER
4:24	400		48	6	MIX 175 SKS AA-2, SAVE 1/2 TUB CAP
4:33			4	3	WASH PUMP + LINE / release plug
4:36	200			0.7	START DISPLACEMENT
4:49	250		80	6.5	LIFT PRESSURE
4:52	400		90	3	SLOW RATE
4:54	1200		109.5		PLUG DOWN, RELEASED + LID
					PLUG RAT HOLD
					CIRCULATION THRU JOB
					JOB COMPLETE
					THANK YOU!
					MIKE MARRAL
					MIKE + COL-



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P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 11664 A

9-205-210

DATE _____ TICKET NO. _____

DATE OF JOB 12-27-14		DISTRICT Prst+1, KS		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 L.D. Drilling				LEASE Jennifer				WELL NO. 1-9							
ADDRESS				COUNTY Ness				STATE KS							
CITY				STATE				SERVICE CREW Devin, Ed, Boshey							
AUTHORIZED BY				JOB TYPE: C/NW SQUEEZE POPS											
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME						
27283	2 1/2						12-27	AM	11:00						
84981	2 1/2						12-27	AM	2:30						
19843	2 1/2						12-27	AM	3:00						
19959	2 1/2						12-27	AM	5:30						
73786	2 1/2						12-27	AM	6:30						
						MILES FROM STATION TO WELL	112								

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: *Ed Boshey* NAWA 001100
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP100C	Common Cemen-	SK	25		400.00
CP100C	Common Cemen-	SK	25		400.00
CC105	C-41P	Lb	6		24.00
CC129	FLA-322	Lb	24		180.00
AK327	20% HCl Acid	Gal	150		400.50
C204	CIA-1EP, high temp. Acid Inhibitor	Gal	1		75.00
E100	Unit mileage charge - pickups, small wear & tear	Mi	100		450.00
E101	Heavy Equipment + mileage	Mi	200		1500.00
E113	Picups + 522 Bulk Delivery Charges, per tonnage	Tons	240		600.00
CF205	Depth Charge 4001-5000'	4hrs	1		2520.00
CF240	Blender & mixing Service charge	SK	50		70.00
CF500	Cemen + Squeeze Man/hrs	ES	1		500.00
5003	Service Supervisor, 1 hr + 8 hrs on loc.	ES	1		175.00
SUB TOTAL					7294.50

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		5106.15

SERVICE REPRESENTATIVE <i>Devin Evans</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Ed Boshey</i>
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer <i>L.D. Drilling, Inc.</i>	Lease No.	Date <i>12-27-2014</i>
Lease <i>Jennifer</i>	Well # <i>1-9</i>	
Field Order # <i>11664</i>	Station <i>P988115</i>	Casing <i>5 1/2</i>
Type Job <i>CNW Squeeze Packer</i>	Depth	County <i>Ness</i>
	Formation <i>TD-4465</i>	State <i>KS</i>
		Legal Description <i>9-205-21W</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
	<i>4 3/8</i>			<i>20% HCl</i>				
Depth	Depth	From	To	Pre Pad	Max			5 Min.
	<i>4325</i>	<i>4355</i>	<i>4358</i>					
Volume	Volume	From	To	Pad	Min			10 Min.
	<i>25</i>							
Max Press	Max Press	From	To	Frac	Avg			15 Min.
	<i>2,000</i>							
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load
	<i>4325</i>							

Customer Representative <i>Fred</i>	Station Manager <i>Kevin Gurdner</i>	Treater <i>Darin Frantoni</i>
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Service Units	<i>27283</i>	<i>84881</i>	<i>15843</i>	<i>19555</i>	<i>73786</i>				
Driver Names	<i>Darin</i>	<i>Ed</i>	<i>Ed</i>	<i>Bosny</i>	<i>Bosny</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2:30 pm</i>					<i>ON location / Safety meeting</i>
					<i>255K common, 10% FLA-32, 25% Datsun</i>
					<i>255K common</i>
					<i>15.6 PPS, 1.118 v. 2, 5.22 water</i>
<i>7:00 pm</i>		<i>1500</i>	<i>5</i>	<i>1</i>	<i>Test to 1500 psi,</i>
					<i>pull 3 joints</i>
		<i>1300</i>	<i>3</i>	<i>1/4</i>	<i>Injection Rate</i>
		<i>300</i>	<i>4</i>	<i>3</i>	<i>Spot 150 scis acid</i>
		<i>300</i>	<i>25</i>	<i>3</i>	<i>Flush water 25 bbls</i>
	<i>500</i>		<i>1/2</i>	<i>1</i>	<i>LOSE casing</i>
		<i>1600</i>	<i>10</i>	<i>2</i>	<i>Injection Rate</i>
		<i>1200</i>	<i>10</i>	<i>2</i>	<i>mix cement</i>
		<i>1700</i>	<i>16</i>	<i>2</i>	<i>DISPLACE WATER</i>
		<i>2,000</i>	<i>5</i>	<i>1/2</i>	<i>Slow Rate</i>
		<i>2,000</i>	<i>21</i>	<i>0</i>	<i>Pressure up</i>
					<i>Block off - Hold</i>
	<i>800</i>		<i>27</i>	<i>2</i>	<i>Reverse out</i>
					<i>Run 3 joints</i>
		<i>500</i>	<i>50</i>	<i>3</i>	<i>Wash out squeeze</i>
<i>5:30 pm</i>					<i>Job complete / Darin & crew</i>
					<i>Thank you!!</i>



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P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 11692 A

DATE _____ TICKET NO. _____

DATE OF JOB 12-2-14 DISTRICT Pratt		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 Jenni Row WELL NO. 1-9							
ADDRESS		COUNTY Ness STATE KS							
CITY STATE		SERVICE CREW MATTAL, McGraw, Gibson							
AUTHORIZED BY		JOB TYPE: CNW 8 5/8 surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	12-2-14	AM	TIME
37586	.5					ARRIVED AT JOB		AM	5:30
77686/19905	.5					START OPERATION		AM	9:33
19960/19860	.5					FINISH OPERATION		AM	10:00
						RELEASED		AM	11:00
						MILES FROM STATION TO WELL	120		

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-con cmt	SK	175		3,150 00
CP 100C	COMMON CMT	SK	175		2,800 00
CC 102	CELLOFINE	lb	88		325 60
CC 109	Calcium chloride	lb	825		866 25
CP 105	TOP RUBBER Plug 8 5/8	EA	1		225 00
E 100	P.u. miles	Mi	120		540 00
E 101	Heavy eq. miles	Mi	220		1,800 00
E 113	PROP + Bulk Sol.	TM	1980		4,950 00
CE 201	Depth charge 501-1000'	4W	1		1,200 00
CE 240	Blend + Mix Charge	SK	350		490 00
CE 504	Plug container	JOB	1		250 00
8003	Supervisor	EA	1		175 00
				SUB TOTAL	16,771 85

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		12,914 32

SERVICE REPRESENTATIVE Mike Mattal	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
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FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

TREATMENT REPORT

Customer LD Drilling inc	Lease No.	Date
Lease Jennifer	Well # 1-9	12-2-14
Field Order # 11692	Station Pratt	Casing 8 5/8
		Depth 727'
Type Job CNW 8 5/8 SURFACE	Formation	County Ness
		State KS
		Legal Description 9-20S-21W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME			
Casing Size 8 5/8	Tubing Size	Shots/Ft		WT 175 SLS	A-CO1	RATE	PRESS	ISIP	
Depth 727	Depth	From	To	Pre Pad	175 SLS	COMMON	2 1/2 CC	.25 LB	2 SK C.F.
Volume 45.4	Volume	From	To	Pad		Min		10 Min.	
Max Press 500	Max Press	From	To	Frac		Avg		15 Min.	
Well Connection PC	Annulus Vol.	From	To			HHP Used		Annulus Pressure	
Plug Depth 687	Packer Depth	From	To	Flush 42.8		Gas Volume		Total Load	

Customer Representative **Rick** Station Manager **Kevin Cooley** Treater **Mike Mattal**

Service Units	37586	77686	19905	19960	19860
Driver Names	Mattal	McGraw		GIBSON	

Time pm	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:30					ON LOCATION
7:50					Run 8 5/8 28# CSNG
8:36					CSNG. ON BOTTOM
9:20					Hook to CSNG/Break circ w. rig
9:33	200		3	5	PUMP 3 BBL WATER
9:34	250		77	5.5	MIX 175 SLS. A-CO1
9:48	280		37	5.5	MIX 175 SLS COMMON
9:56	—		—	—	release Plug
9:59	300		—	5	START DISP.
10:10	350		42.8	—	Plug down, shut in well 10 BBLs CMT TO PIT

JOB complete
Thank You!
Mike Mattal
Mike + Aaron