



KANSAS CORPORATION COMMISSION 1089377  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 6039  
Name: L. D. Drilling, Inc.  
Address 1: 7 SW 26TH AVE  
Address 2: \_\_\_\_\_  
City: GREAT BEND State: KS Zip: 67530 + 6525  
Contact Person: L. D. DAVIS  
Phone: ( 620 ) 793-3051  
CONTRACTOR: License # 30141  
Name: Summit Drilling Company  
Wellsite Geologist: GEORGE PETERSON  
Purchaser: MV PURCHASING

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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>06/02/2012</u>	<u>06/14/2012</u>	<u>06/20/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-085-20080-00-00  
Spot Description: \_\_\_\_\_  
     NW NW NW Sec. 35 Twp. 6 S. R. 13  East  West  
330 Feet from  North /  South Line of Section  
330 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Jackson  
Lease Name: HENRY TRUST Well #: 1  
Field Name: SOLDIER  
Producing Formation: VIOLA  
Elevation: Ground: 1182 Kelly Bushing: 1197  
Total Depth: 3648 Plug Back Total Depth: 3599  
Amount of Surface Pipe Set and Cemented at: 342 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: 1900 ppm Fluid volume: 560 bbls  
Dewatering method used: Hauled to Disposal  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: MINNER OIL FIELD SERVICE  
Lease Name: MINNER PROPERTY License #: 32658  
Quarter NE Sec. 12 Twp. 6 S. R. 12  East  West  
County: JACKSON Permit #: NA

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

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Gerrard Date: 08/07/2012



1089377

Operator Name: L. D. Drilling, Inc. Lease Name: HENRY TRUST Well #: 1  
 Sec. 35 Twp. 6 S. R. 13  East  West County: Jackson

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Attached</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" 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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
— Perforate				
— Protect Casing				
— Plug Back TD				
— Plug Off Zone				

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
4	3395 - 3399'		

TUBING RECORD: Size: <u>2.875</u> Set At: <u>3583</u> Packer At: <u> </u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>06/27/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" 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 checked="" 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	HENRY TRUST 1
Doc ID	1089377

All Electric Logs Run

BOREHOLE COMPENSATED SONIC LOG
DUAL COMPENSATED POROSITY LOG
DUAL INDUCTION LOG
MICRORESISTIVITY LOG

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	HENRY TRUST 1
Doc ID	1089377

Tops

HEEBNER	1082	+115
LANSING	1298	-101
BASE KANSAS CITY	1638	-441
CHEROKEE	1845	-648
MISSISSIPPI	2504	-1307
KINDERHOOK	2620	-1420
HUNTON	2836	-1639
MAQUOKETA	3320	-2123
VIOLA	3392	-2195
SP GP	3506	-2301
SP SD	3550	-2353
ARBUCKLE	3622	-2433

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	HENRY TRUST 1
Doc ID	1089377

Casing

CONDUCTER	17.5	13.375	54.5	56	CLASS A	150	3%CC,2% Gel
SURFACE	12.25	8.625	24	342	CLASS A	190	3%CC,2% Gel
PRODUCTION	5.5	7.875	14	3643	COMMON	150	18%Salt,5 #Gilsonite
PRODUCTION	5.5	7.875	14	3643	60/40 POZMIX	65	



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET  
1718 06337 A

35-65-13E

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 6-15-12	DISTRICT Pratt, Kansas	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, Inc.	LEASE Henry Trust	WELL NO. 1							
ADDRESS	COUNTY Jackson	STATE Kansas							
CITY	STATE	SERVICE CREW C. Messick, M. Mattal, S. Young							
AUTHORIZED BY	JOB TYPE: C.N.W. Logging								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
37,216	1						6-14-12	AM	1:00
						ARRIVED AT JOB	6-14-12	AM	10:00
19,903-19,905	1					START OPERATION	6-15-12	AM	2:45
						FINISH OPERATION	6-15-12	AM	3:45
19,959-19,860	1					RELEASED	6-15-12	AM	4:00
						MILES FROM STATION TO WELL	175		

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: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP100C	Common Cement	sh	150		
CP103	60/40 Poz Cement	sh	65		
CC111	Salt	Lb	1,268		
CC113	Gypsum	Lb	705		
CC129	FLA 322	Lb	141		
CC201	Gilsonite	Lb	750		
CF103	Top Rubber Plug, 5 1/2"	ea	1		
CF251	Regular Guide Shoe, 5 1/2"	ea	1		
CF1451	Insert Float Valve, 5 1/2"	ea	1		
CF1651	Turbolizer, 5 1/2"	ea	6		
E100	Pickup Mileage	mi	175		
E101	Heavy Equipment Mileage	mi	350		
E113	Bulk Delivery	tm	1,724		
CE204	Cement Pump: 3 col feet to 4,000 feet	hrs	4		
CE240	Blending and Mixing Service	sh	215		
CE504	Plug Container	Sub	1		
5003	Service Supervisor	hrs	8		

SUB TOTAL  
\$ 12,137.58

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: \_\_\_\_\_ THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: \_\_\_\_\_  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. \_\_\_\_\_

# BASIC

energy services, L.P.

## TREATMENT REPORT

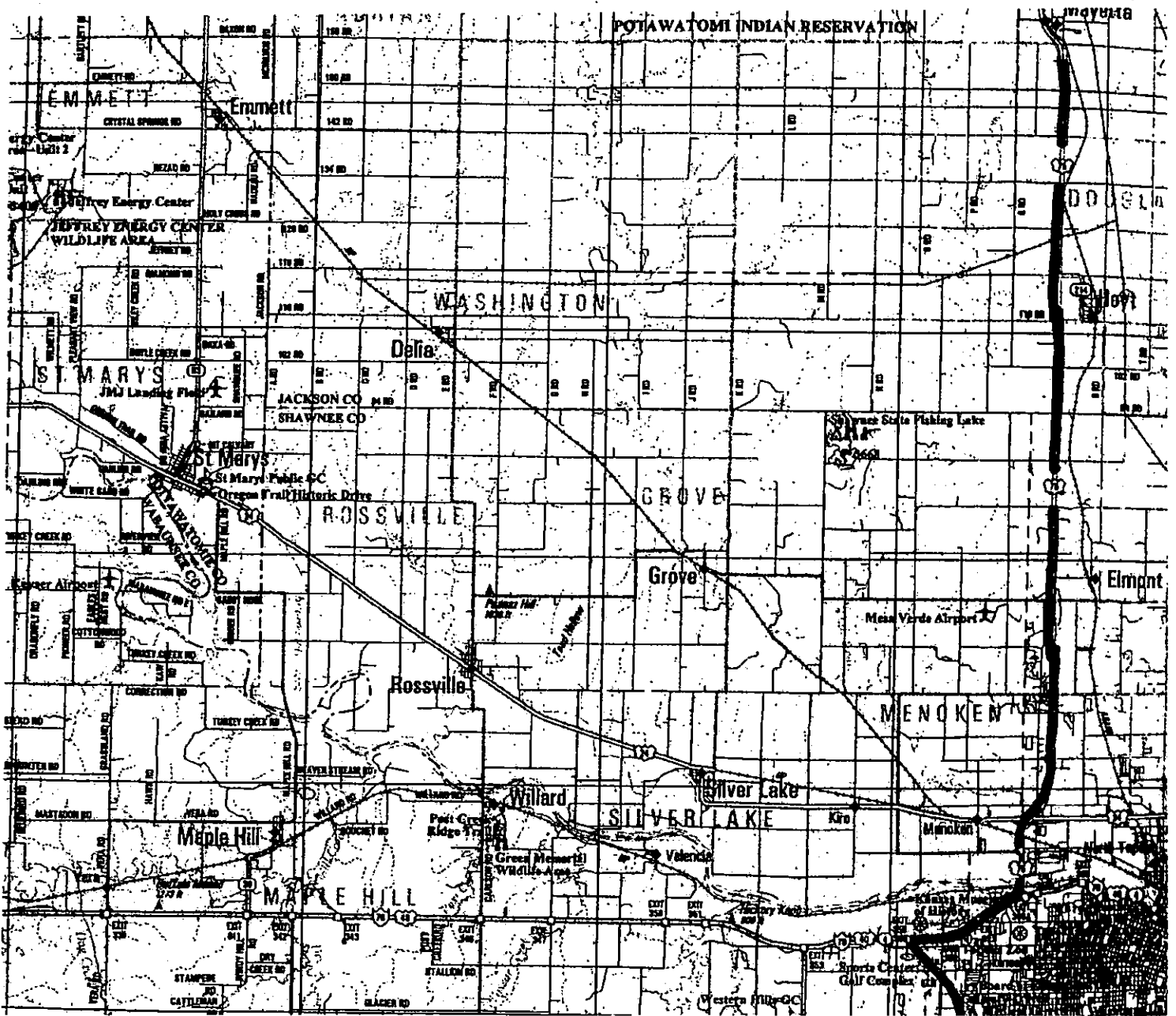
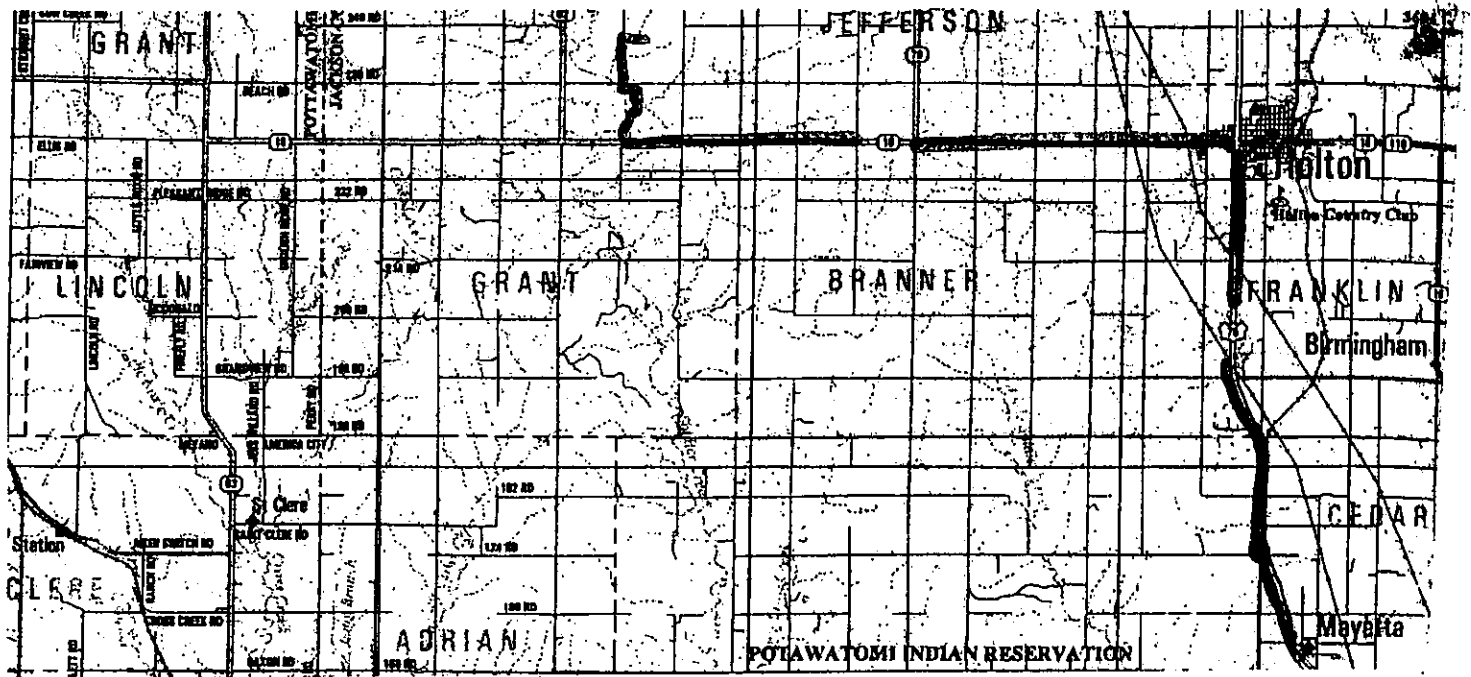
Customer E.D. Drilling, Incorporated	Lease No.	Date 6-15-12
Lease Henry Trust	Well # 1	
Field Order # 6337	Station Pratt, Kansas	Casing" 5 1/2
		Depth 3,643 Feet
Type Job C.N.W. - Longstring	Formation	County Jackson
		State Kansas
		Legal Description 35-65-13E

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size 5 1/2 14 1/2 in.	Tubing Size 7 in.	Shots/Ft	150 sacks	Commence	ment	RATE	PRESS	ISIP
Depth 3,643 Feet	Depth	From	To	18 FLA	322, 188 Salt, 5	Max Lb./stk.	Gilsonite	5 Min.
Volume 40 Bbl.	Volume	From	To	15.3 Lb./Gal.	Min	5.63 Gal./stk.	1.39	10 Min.
Max Press 1,000 P.S.I.	Max Press	From	To		Avg			15 Min.
Well Connection Plug Cont	Annulus Vol. liner	From	To		HHP Used			Annulus Pressure
Plug Depth 3,632 Feet	Packer Depth	From	To	Flush	88.6 Bbl. Free	Gas Volume		Total Load

Customer Representative L. D. Davis	Station Manager David Scott	Treater Clarence R. Messich
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Service Units	37,216	19,903	19,905	19,959	19,860				
Driver Names	Messich	Mattal	Young						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					Summit Drilling start to run Regular Guide Shoe, Shoe Joint with Auto Fill Insert screwed into collar and a total of 7 Joints now 14 1/2 in casing. A Turbolizer was installed on collars # 1, 3, 5, 7, 9, 11.
2:00					Casing in well. Circulate for 4 minutes.
2:40		2500			Shut in well. Pressure Test. Open Well.
2:45	300			5	Start mixing 55 sacks scavenger cement.
	300		8	5	Start mixing 150 sacks common cement.
	-0-		45		Stop pumping. Shut in well. Wash pump and lines. Release Top Rubber Plug Open Well.
3:00	100			6.5	Start Fresh Water Displacement.
				5	Start to lift cement.
3:20	600		88.6		Plug down.
	1000				Pressure up.
					Release pressure. In well held.
	0		7	3	Plug Ret Hole.
					Wash up pump truck.
4:00					Job complete.
					Thank You
					Clarence. Nitro, Steve





CHARGE TO

LEASE Henery Trust

WELL NO. 1

DESCRIPTION

5/8 Csg 14#

	1		2		3		4		5		6		
	FEET	INCH	FEET	INCH	FEET	INCH	FEET	INCH	FEET	INCH	FEET	INCH	
1	43	18	43	16	43	17	43	10	43	17			
2	43	16	43	16	43	22	43	17	43	21			
3	43	18	42	06	43	15	43	14	43	05			
4	43	14	41	95	43	22	43	15	43	17			
5	43	18	43	13	43	12	43	09	41	86			
6	43	10	43	11	43	11	43	18	41	45			
7	37	78	37	44	43	08	41	88	43	16	out		
8	43	20	40	86	40	86	43	20	41	78	out		
9	43	14	35	43	40	30	42	39	43	18	out		
10	43	10	40	24	43	12	43	02	11	15	ST #7		
11	43	08	41	02	38	09	43	17	15	12	out		
12	42	02	42	—	43	21	43	12					
13	43	12	38	14	43	07	43	16			3779	35	
14	42	22	43	14	40	17	43	11			15	12 out	
15	42	—	42	04	43	12	38	05			3764	23	
16	43	13	42	90	42	33	40	16			43	18 out	
17	43	13	43	18	40	35	38	05			3721	05	
18	43	11	41	93	38	10	43	21			41	78 out	
19	43	17	43	12	43	12	38	05			3679	27	
20	43	18	43	16	43	19	43	06			43	16 out	
1	854	32	831	17	841	10	842	46	410	30	3636	11	
2	1685	49	THE ABOVE 91 JOINTS RECEIVED IN GOOD ORDER.									+ 7. - L.J	
3	2526	59										Set @ 3643.23	
4	3369	05	By Daylights → A. Donaldson & Crew										
5	3779	35											
6													

ORIGINAL TO REMAIN IN BOOK  
DUPLICATE TO CUSTOMER



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 34711  
LOCATION Euclid  
FOREMAN Rick Ledford

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**

**CEMENT** API# 15-085-20080

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-3-12	4979	Henry Trust #1	35	6	13E	Jackson
CUSTOMER L.O. Drilling Inc.			Summit Orig			
MAILING ADDRESS 7 SW 26 <sup>th</sup> Ave			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Great Bend			445	Dave		
STATE KS			611	Chris M.		
ZIP CODE 67530						

JOB TYPE Conductor 2 HOLE SIZE 17 1/2" HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT 13 3/8" 54.5"  
CASING DEPTH 56' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT 15" SLURRY VOL \_\_\_\_\_ WATER gal/bk 6.5 CEMENT LEFT in CASING 10'  
DISPLACEMENT 7.5 BV DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up to 13 3/8" casing. Pump 10 Bbl water ahead. Mixed 130 sacks class A cement w/ 37% cocoz, 22% gal + 1" phenoxy/1% @ 15" gal. Displace w/ 7.5 Bbl water. Shut casing in. No circulation during cement procedure. Wait 2 hours. Mixed 20 sacks cement from the top. Well stopped full. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54013	1	PUMP CHARGE	925.00	925.00
5406	100	MILEAGE	4.00	400.00
11045	150 sacks	class A cement	14.95	2242.50
1102	425"	37% cocoz	.74	314.50
1108B	280"	22% gal	.21	58.80
1102A	150"	1" phenoxy/1%	1.29	193.50
5407A	7.05	for mileage bulk tax	1.34	949.70
4310	1	13 3/8" cement basket	625.00	625.00
			Subtotal	5654.00
			7.7% SALES TAX	268.80
			ESTIMATED TOTAL	5922.80

Revin 3797

250406

AUTHORIZATION Dave Co TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



ENTERED

TICKET NUMBER 34704  
 LOCATION Eureka, KS  
 FOREMAN Shannon Feck

PO Box 884, Chanute, KS 66720  
 620-431-9210 or 800-467-8678

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-085-20080

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-4-12	4919	Henry Trust #1	35	65	13E	Jackson
CUSTOMER L.D. Drilling Inc			SUMMIT DRILL			
MAILING ADDRESS 75w 26th Ave						
CITY Great Bend	STATE KS	ZIP CODE 67530				
TRUCK # DRIVER TRUCK # DRIVER						
			445	Dave G		
			667	Chris B		

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 342' CASING SIZE & WEIGHT 8 3/8"  
 CASING DEPTH 342 K.B DRILL PIPE --- TUBING --- OTHER ---  
 SLURRY WEIGHT 14.5-15# SLURRY VOL 47 Bbl WATER gal/sk 6.40 CEMENT LEFT IN CASING 20'  
 DISPLACEMENT 20.4 DISPLACEMENT PSI 150 MIX PSI 50 RATE 5 Bpm

REMARKS: Safety Meeting, Rig up to 8 3/8" casing with plug container, Break circulation with 10 Bbl water. Mixed 190 SKS Class A cement with 3% calcium, 2% gel & 1/4# Floccle/sk @ 14.5-15#/gal. Drilled with 20.4 bbl water & shut well in. Good circulation @ all times. 12-15 Bbl slurry to pit. Job complete

Thanks Shannon & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	825.00	825.00
5406	100	MILEAGE	4.00	400.00
11045	190 SKS	Class "A" cement	14.95	2840.50
1102	536 #	Calcium @ 3%	.74	396.64
1118B	358 #	gel @ 2%	.21	75.18
1107	48 #	Floccle @ 1/4#/sk	2.35	112.80
5407A	8.93 Tons	Ton mileage bulk Truck	1.34/mile	1196.62
4432	1	8 3/8" wooden plug	80.00	80.00
			Sub Total	5926.74
			SALES TAX 7.7%	269.90
			ESTIMATED TOTAL	6196.64

Form 3737

AUTHORIZATION Duffy TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

# DIAMOND TESTING

## General Information Report

### General Information

Company Name L.D. DRILLING, INC.  
Contact L.D. DAVIS  
Well Name HENRY TRUST #1  
Unique Well ID DST #1, HUNTON, 2832-2855  
Surface Location SEC 35-6S-13W  
Field SOLDIER  
Well Type Vertical  
Test Type CONVENTIONAL  
Formation DST #1, HUNTON, 2832-2855  
Well Fluid Type 01 Oil

Representative TIM VENTERS  
Well Operator L.D. DRILLING, INC.  
Report Date 2012/06/09  
Prepared By TIM VENTERS  
Qualified By GEORGE PETERSON

Start Test Date 2012/06/09  
Final Test Date 2012/06/09

Start Test Time 10:00:00  
Final Test Time 19:17:00

### Test Recovery:

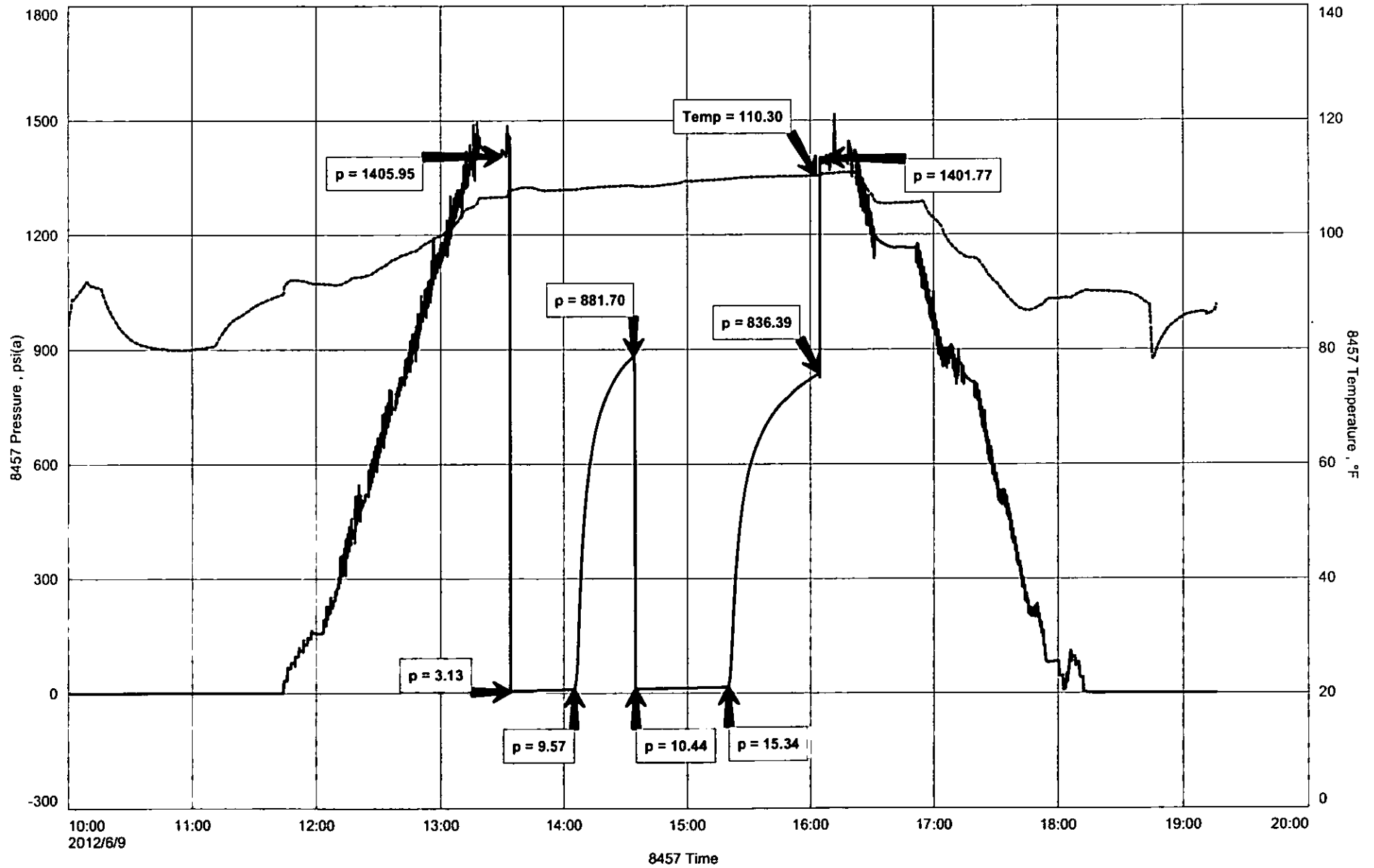
RECOVERED: 15' MW/TR. OIL, TRACE OIL, 100% MUD

TOOL SAMPLE: 2% OIL, 98% OIL

L.D. DRILLING, INC.  
DST #1, HUNTON, 2832-2855  
Start Test Date: 2012/06/09  
Final Test Date: 2012/06/09

HENRY TRUST #1  
Formation: DST #1, HUNTON, 2832-2855  
Pool: SOLDIER  
Job Number: T067

# HENRY TRUST #1





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: HENRYTRUST1DST1

TIME ON: 10:00

TIME OFF: 19:17

Company L.D. DRILLING, INC. Lease & Well No. HENRY TRUST #1  
Contractor SUMMIT DRILLING COMPANY RIG #1 Charge to L.D. DRILLING, INC.  
Elevation 1197 KB Formation HUNTON Effective Pay \_\_\_\_\_ Ft. Ticket No. T067  
Date 6-9-12 Sec. 35 Twp. 6 S Range 13 W County JACKSON State KANSAS  
Test Approved By GEORGE PETERSON Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 2832 ft. to 2855 ft. Total Depth 2855 ft.  
Packer Depth 2827 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 2832 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 2813 ft. Recorder Number 8457 Cap. 10,000 P.S.I.  
Bottom Recorder Depth (Outside) 2829 ft. Recorder Number 11029 Cap. 5,025 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Mud Type CHEMICAL Viscosity 45 Drill Collar Length 314 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 1,400 P.P.M. Drill Pipe Length 2485 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 23 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: WEAK SURFACE BLOW, BUILDING TO 1/4 INCH. (NOBB)  
2nd Open: WEAK SURFACE BLOW THROUGHOUT PERIOD. (NOBB)

Recovered 15 ft. of MW/TR. OIL, TRACE OIL, 100% MUD  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Remarks: \_\_\_\_\_  
TOOL SAMPLE: 2% OIL, 98% MUD

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 1:33 PM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 4:03 PM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 110 deg.  
Initial Hydrostatic Pressure..... (A) 1406 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 3 P.S.I. to (C) 10 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 882 P.S.I.  
Final Flow Period..... Minutes 45 (E) 10 P.S.I. to (F) 15 P.S.I.  
Final Closed In Period..... Minutes 45 (G) 836 P.S.I.  
Final Hydrostatic Pressure..... (H) 1402 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

## General Information Report

### General Information

Company Name	L.D. DRILLING, INC.	Representative	TIM VENTERS
Contact	L.D. DAVIS	Well Operator	L.D. DRILLING, INC.
Well Name	HENRY TRUST #1	Report Date	2012/06/12
Unique Well ID	DST #2, VIOLA, 3379-3402	Prepared By	TIM VENTERS
Surface Location	SEC 35-6S-13W, JACKSON, CO. KS.	Qualified By	GEORGE PETERSON
Field	SOLDIER		
Well Type	Vertical		
Test Type	CONVENTIONAL		
Formation	DST #2, VIOLA, 3379-3402		
Well Fluid Type	01 Oil		
Start Test Date	2012/06/12	Start Test Time	08:51:00
Final Test Date	2012/06/12	Final Test Time	22:07:00

### Test Recovery:

RECOVERED: 320' SW&MCW, 80% OIL, 10% WATER, 10% MUD, OIL GRAVITY: 24  
155' HO&MCW, 31% OIL, 43% WATER, 26% MUD  
125' SO&MCW, 9% OIL, 73% WATER, 18% MUD  
1100' TOTAL FLUID

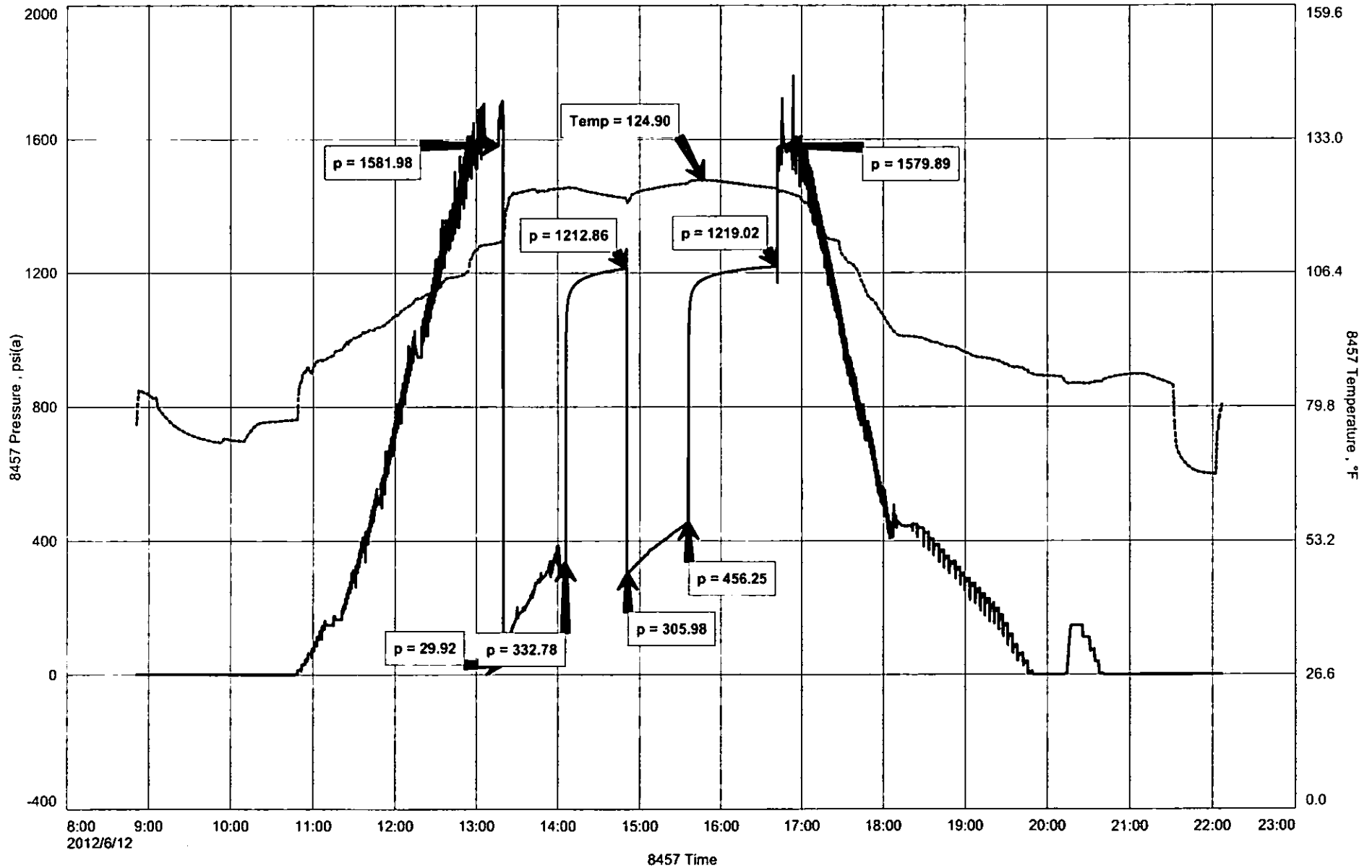
TOOL SAMPLE: 57% OIL, 15% WATER, 28% MUD

CHLORIDES: 10,000 ppm  
PH: 7.5  
RW: .68 @ 79 deg.

L.D. DRILLING, INC.  
DST #2, VIOLA, 3379-3402  
Start Test Date: 2012/06/12  
Final Test Date: 2012/06/12

HENRY TRUST #1  
Formation: DST #2, VIOLA, 3379-3402  
Pool: SOLDIER  
Job Number: T068

# HENRY TRUST #1







**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: HENRYTRUST1DST2

TIME ON: 08:51

TIME OFF: 22:07

Company L.D. DRILLING, INC. Lease & Well No. HENRY TRUST #1

Contractor SUMMIT DRILLING COMPANY RIG #1 Charge to L.D. DRILLING, INC.

Elevation 1197 KB Formation VIOLA Effective Pay \_\_\_\_\_ Ft. Ticket No. T068

Date 6-12-12 Sec. 35 Twp. \_\_\_\_\_ 6 S Range \_\_\_\_\_ 13 W County JACKSON State KANSAS

Test Approved By GEORGE PETERSON Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 3379 ft. to 3402 ft. Total Depth 3402 ft.

Packer Depth 3374 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3379 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3360 ft. Recorder Number 8457 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 3399 ft. Recorder Number 11029 Cap. 5,025 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 40 Drill Collar Length 314 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 1,900 P.P.M. Drill Pipe Length 3032 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 23 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: WEAK 1/2 INCH BLOW, BUILDING, REACHING BOB 6 MIN. (NOBB)

2nd Open: WEAK SURFACE BLOW, BUILDING, REACHING BOB 10 1/2 MIN. (NOBB)

Recovered 320 ft. of SW&MCO, 80% OIL, 10% WATER, 10% MUD, OIL GRAVITY: 24

Recovered 155 ft. of HO&MCW, 31% OIL, 43% WATER, 26% MUD

Recovered 125 ft. of SO&MCW, 9% OIL, 73% WATER, 18% MUD

Recovered 1100 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_ CHLORIDES: 10,000 ppm Price Job

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_ PH: 7.5 Other Charges

Remarks: \_\_\_\_\_ RW: .68 @ 79 deg. Insurance

TOOL SAMPLE: 57% OIL, 15% WATER, 28% MUD Total

Time Set Packer(s) 1:20 PM A.M. P.M. Time Started Off Bottom 4:35 PM A.M. P.M. Maximum Temperature 125 deg.

Initial Hydrostatic Pressure..... (A) 1582 P.S.I.

Initial Flow Period..... Minutes 45 (B) 30 P.S.I. to (C) 333 P.S.I.

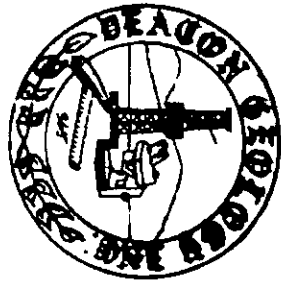
Initial Closed In Period..... Minutes 45 (D) 1213 P.S.I.

Final Flow Period..... Minutes 45 (E) 306 P.S.I. to (F) 456 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1219 P.S.I.

Final Hydrostatic Pressure..... (H) 1580 P.S.I.

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George E. Johnson & Co.  
consulting geologists

3223 McCure Rd  
Topeka, Kansas 66614  
(785) 272-4383  
GEOLOGIST'S LOG 7-12

COMPANY: L D DRILLING, INC.  
WELL NAME: HENRY TRIST #1  
LOCATION: NW 1/4, Sec 12, T4N, R12E  
SEC. 35 T 4 S, R 12 E  
COUNTY: JACKSON, STATE: KANSAS  
ELEVATION: 1876  
API #: 15-085-20080-00-00  
FIELD: Soldier  
CONTRACTOR: SUMMIT DRILLING CO.  
GEOLOGIST: GEORGE E. JOHNSON  
SPUD DATE: 1/12  
SAMPLES SAVED FROM: TO: 72  
SAMPLES EXAMINED FROM: 120 TO: 72  
RTD: 348 LTD:  
CORES: None  
OPEN HOLE LOGS: CML/CDL, MP1, BHC's, DIL  
SURFACE CASING SET: 325' PROD CASING SET:  
GEOLOGICAL SUPERVISION FROM: JMT TO: JTD  
COMMENTS: Good Work 7517


FORMATION	SAMPLE TOP	ELECTR. DATUM	REF WELLS			
			A	B	C	D
Hebert	1082	515	710	411	411	
Leasler	1298	-101	-101	-88	-127	
Blite	1640	1650	491	491	491	
Chandler	1845	1845	-64	638	451	
Muse	2371	2504	-1507	-155	-1918	-1385
Knickerbocker	2672	2650	-1972	-1972	-1292	
Hendon	2824	2856	-1059	-1619	-1657	
Marguerite	3234	3130	-2122	-2122	-2122	
Flora	3528	3322	-2195	-2167	-2192	-2192
Sp. G2	3520	3526	-250	-3201	-2200	
Sp. G4	3572	3520	-2353	-2379	-2384	
A-4	3623	3622	-2022	-2022	-2022	
Gr. 4444				-2073		

REFERENCE WELL FOR STRUCTURE:  
A. Dougan #2  
B. Dougan #1  
C. Johnson #1

NO.	INT.	IFP	DRILL STEM TESTS			RECOVERY
			ISIP	FFP	FSIP	
1	2852-	30	882	45	836	15' and 70'
2	3579	30-35	1215	304-45	1219	80' @ 80.1' 155' @ 25.0' 125' @ 5.8'
	3102					1100' 7-6d Flow

### LEGEND

Sandstone	Shale	Limestone	Chert	Dolomite	Coal			
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SCALE 1" = 100'

DEPTH	LITHOLOGY	OIL SHOWS	SAMPLE DESCRIPTIONS	REMARKS
5" 10" 15"				

INCLINE THIS IN MINUTES PER FOOT  
Use a Horizontal Line

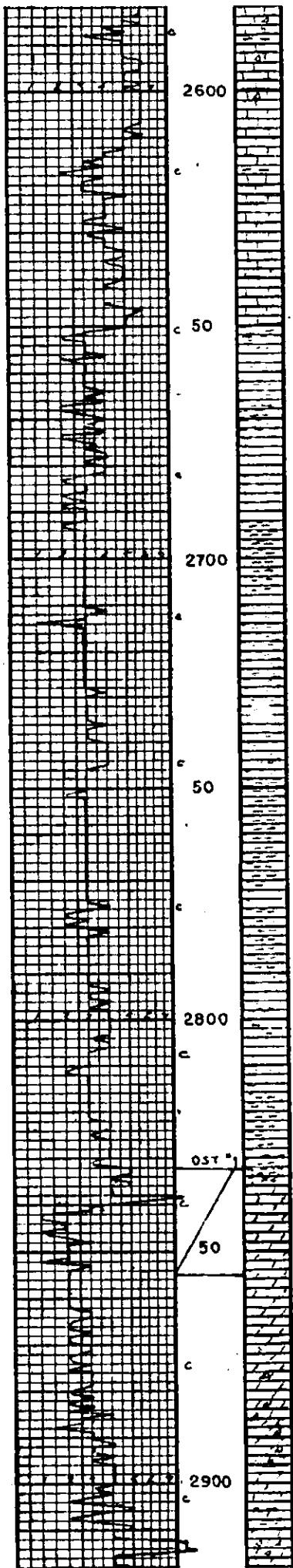
LOG 7713











LS dk brn wbt-bl	
LS mdi brn vcr. m	VIS 42 WT 9.2 LCM 44
LS dk sh gray pyrite	
aa	
aa	
"	
aa	
sh gray dk gray pyrite	Underhook 34
aa	
aa	
aa	
aa	
aa	
aa	VIS 42 WT 9.2 LCM 44
aa	
aa	
aa	
aa	
sh dk gray blk pyrite	
aa	VIS 40 WT 9.3 LCM 44
aa	
aa	
"	
aa	
aa	VIS 47 WT 9.9 LCM 5
aa	
Pyrite com ss 2nd Trace Meisbach Sh Houston Log Exp 2836 (1639)	CPS 15-30 CPS 15 CPS 15 VIS 53 WT 9.3 LCM 5
Dolo Hgr faint cut + Floun rain vis CD	
dolo. an	CPS 15-30 CPS 45
dolo an	
dolo abn wbt Tripcht	Rough Rough 30-45 CPS Table 200
aa	
aa	
Dolo it to vcr. m sh dk gray blk 2nd pyrite	
aa	

