



KANSAS CORPORATION COMMISSION 1091938
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 # 33323
Name: Petromark Drilling, LLC
Wellsite Geologist: KIM SHOEMAKER
Purchaser: MV PURCHASING

API No. 15 - 15-009-25711-00-00
Spot Description:
W2 NW NE NE Sec. 32 Twp. 18 S. R. 14 East West
330 Feet from North / South Line of Section
1102 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: HABERMAN Well #: 2-32
Field Name: ERNA SOUTHEAST
Producing Formation: KANSAS CITY
Elevation: Ground: 1912 Kelly Bushing: 1914
Total Depth: 3630 Plug Back Total Depth: 3604
Amount of Surface Pipe Set and Cemented at: 896 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.

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 #: _____

07/02/2012	07/08/2012	07/13/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 7600 ppm Fluid volume: 400 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: L. D. DRILLING, INC.
Lease Name: DON License #: 6039
Quarter NE Sec. 12 Twp. 18 S. R. 14 East West
County: BARTON Permit #: D28411

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: NAOMI JAMES Date: 08/28/2012



1091938

Operator Name: L. D. Drilling, Inc. Lease Name: HABERMAN Well #: 2-32
 Sec. 32 Twp. 18 S. R. 14 East West County: Barton

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 type="checkbox"/> Yes <input checked="" 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: DUAL COMPENSATED POROSITY LOG DUAL INDUCTION LOG MICRORESISTIVITY LOG	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>ANHYDRITE</td> <td>890</td> <td>+1024</td> </tr> <tr> <td>TOPEKA</td> <td>2904</td> <td>-990</td> </tr> <tr> <td>HEEBNER</td> <td>3143</td> <td>-1229</td> </tr> <tr> <td>BROWN LIME</td> <td>3222</td> <td>-1308</td> </tr> <tr> <td>LANSING</td> <td>3230</td> <td>-1316</td> </tr> <tr> <td>BASE KANSAS CITY</td> <td>3444</td> <td>-1530</td> </tr> <tr> <td>ARBUCKLE</td> <td>3520</td> <td>-1606</td> </tr> </tbody> </table>	Name	Top	Datum	ANHYDRITE	890	+1024	TOPEKA	2904	-990	HEEBNER	3143	-1229	BROWN LIME	3222	-1308	LANSING	3230	-1316	BASE KANSAS CITY	3444	-1530	ARBUCKLE	3520	-1606
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LANSING	3230	-1316																							
BASE KANSAS CITY	3444	-1530																							
ARBUCKLE	3520	-1606																							

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	3370 - 3376		

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>3698</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First. Resumed Production, SWD or ENHR. <u>07/13/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	HABERMAN 2-32
Doc ID	1091938

Casing

Well Name	Size Hole Drilled	Size Casing (OD)	Weight	Setting Depth	Type of Cement	Number of Sacks Used	Types and Percent Additives
SURFACE	12.25	8.625	24	896	A-CON	175	
SURFACE	12.25	8.625	24	896	COMMON	175	2%CC
PRODUC TION	7.875	5.5	14	3625	COMMON	150	Salt, Friction reducer
PRODUC TION	7.875	5.5	14	3625	60/40 POZMIX	65	

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>L.D. Drilling</i>	Lease No.	Date <i>7-3-12</i>
Lease <i>HABERMIN</i>	Well # <i>2-32</i>	
Field Order # <i>0509</i>	Station <i>PRATT #5</i>	Casing <i>8 7/8</i>
		Depth <i>806</i>
Type Job <i>CNW 8 7/8 Surface</i>	Formation	County <i>BARTON</i>
		State <i>KS</i>
		Legal Description <i>32-18-14</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 7/8</i>				Pre Pad	Max		5 Min.	
Depth <i>806</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>50</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>300</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>PC</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>806</i>	Packer Depth	From	To					

Customer Representative _____ Station Manager *DAVE SCOTT* Treater *Robert Johnson*

Service Units	<i>37900</i>	<i>19903</i>	<i>19905</i>	<i>19959</i>	<i>19860</i>				
Driver Names	<i>Sullivan</i>	<i>metals</i>	<i>Phyc</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>9:50 AM</i>					<i>run big safety monkey</i>
					<i>Run 27 575 8 7/8 24 150</i>
<i>2:00</i>					<i>check out bottom</i>
<i>2:10</i>					<i>Work big circ.</i>
<i>2:20</i>			<i>3</i>	<i>4</i>	<i>At surface</i>
	<i>150</i>		<i>77</i>	<i>5</i>	<i>mix cost 175 sk A-con cont @ 12 ppf</i>
			<i>37</i>		<i>mix found out 175 sk con 24 sec 1/2 sk</i>
					<i>shut down cont on 1/2</i>
					<i>Release Plug</i>
<i>3:00</i>	<i>200</i>		<i>57</i>	<i>49</i>	<i>At Plug</i>
					<i>plug down</i>
					<i>circ 15 min to pit</i>
					<i>5013 complete</i>
					<i>Thompson</i>



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET

1718 06704 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>7-9-12</u> 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 <u>L.D. Drilling</u>		LEASE <u>Haberman</u>		WELL NO. <u>232</u>						
ADDRESS _____		COUNTY <u>Barton</u>		STATE <u>KS</u>						
CITY _____ STATE _____		SERVICE CREW <u>Dillard, Melson, Young, Scott</u>								
AUTHORIZED BY _____		JOB TYPE: <u>CNW-5 1/2 L.S.</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <u>7-9-12</u>	DATE	AM	PM	TIME
<u>27283</u>	<u>1</u>					ARRIVED AT JOB				<u>7:30</u>
<u>33702-20920</u>	<u>1</u>					START OPERATION				<u>9:15</u>
<u>19959-19860</u>	<u>1</u>					FINISH OPERATION				<u>10:30</u>
						RELEASED				<u>11:00</u>
						MILES FROM STATION TO WELL				<u>65</u>

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	sq	150		2400.00
CP103	60/40 P02	sq	1.5		780.00
CC105	S-4IP	Lb	36		144.00
CC112	Salt	Lb	1262		631.00
CC110	Friction Reducer	Lb	106		636.00
CC113	Gypsum	Lb	205		522.75
CC201	Wilsonite	Lb	250		507.50
CS-103	Top Rubber Plug 5/8"	ea	1		105.00
CS-251	Wide Stone 5/8"	ea	1		250.00
CS-1451	Flapper Type Insert Stem Valve 5/8"	ea	1		215.00
CS-1651	Turboliner 5/8"	ea	1		660.00
EV00	Pickup mileage	mi	65		276.25
EV01	Heavy Equipment mileage	mi	130		910.00
EV103	Bulk Delivery	hr	640		1024.00
CE204	Depth Charge	ea	1		2160.00
CE200	Independent Mixing	sq	2.15		301.00
CE504	Plus Charge	ea	1		250.00
SP03	Service Supervisor	ea	1		175.00
SUB TOTAL					8963.55

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE <u>Steve O...</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Scott P...</u>
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer: <u>H.D. Drilling</u>	Lease No.:	Date: <u>7-9-12</u>
Lease: <u>Haberman</u>	Well #: <u>2-32</u>	
Field Order #: <u>6709</u>	Station: <u>Pratt</u>	Casing: <u>5 7/8 14"</u>
Type Job: <u>C.N.W. - 5 1/2 L.S.</u>	Depth: <u>3612</u>	County: <u>Barton</u>
	Formation:	State: <u>KS</u>
		Legal Description: <u>32-18-14</u>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	Common	RATE	PRESS	ISIP
<u>5 7/8</u>								
Depth	Depth	From	To	Pre Pad	<u>1.30 yield</u>	Max		5 Min.
<u>3625</u>				Pad	<u>60/40 POZ</u>	Min		10 Min.
Volume	Volume	From	To	Frac	<u>1.26 yield</u>	Avg		15 Min.
<u>88.4</u>						HHP Used		Annulus Pressure
Max Press	Max Press	From	To	Flush	<u>88.1</u>	Gas Volume		Total Load
<u>1500</u>								
Well Connection	Annulus Vol.	From	To					
<u>P.C.</u>								
Plug Depth	Packer Depth	From	To					
<u>3612</u>								

Customer Representative: <u>J.M.</u>	Station Manager: <u>Dave Scott</u>	Treater: <u>Steve Orlando</u>
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Service Units	<u>27283</u>	<u>33708</u>	<u>20920</u>	<u>19959</u>	<u>19860</u>
Driver Names	<u>Orlando</u>	<u>Melson</u>	<u>Young</u>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					On location - Safety Meeting
					Run 85 JTS 5 1/2 Casing
					Centralizers 1-3-5-7-9
					Casing on Bottom
					Break Circ w/ Rig
9:55	300		8	5	Mix 35 sacks 60/40 Scumger @ 15 th
9:57	300		36.3	5	Mix 150 sacks cement @ 15.5 th /gal
					Shut Down Clear Pump Line
					Release Plug
10:08	0		0	5	Start H ₂ O Displacement
10:19	300		55	4	lift pressure
10:25	500		78	2	Slow Rate
10:30	1500		88.1	2	Plug Down - Held
			6		Mix 30 sacks 60/40 RH
					Job Complete
					Thanks, Steve

DIAMOND TESTING

General Information Report

General Information

Company Name L.D. DRILLING, INC.
Contact L.D. DAVIS
Well Name HABERMAN #2-32
Unique Well ID DST #1, LANSING "A-D", 3238-3280
Surface Location SEC 32-18S-14W, BARTON CO. KS.
Field ERNA SOUTHEAST
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #1, LANSING "A-D", 3238-3280
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator L.D. DRILLING, INC.
Report Date 2012/07/06
Prepared By TIM VENTERS
Qualified By KIM SHOEMAKER

Start Test Date 2012/07/06
Final Test Date 2012/07/06

Start Test Time 01:44:00
Final Test Time 09:05:00

Test Recovery:

RECOVERED: 50' MCW W/TR. OIL, TRACE OIL, 75% WATER, 25% MUD
250' SMCW, 89% WATER, 11% MUD
60' HMCW, 57% WATER, 43% MUD
360' TOTAL FLUID

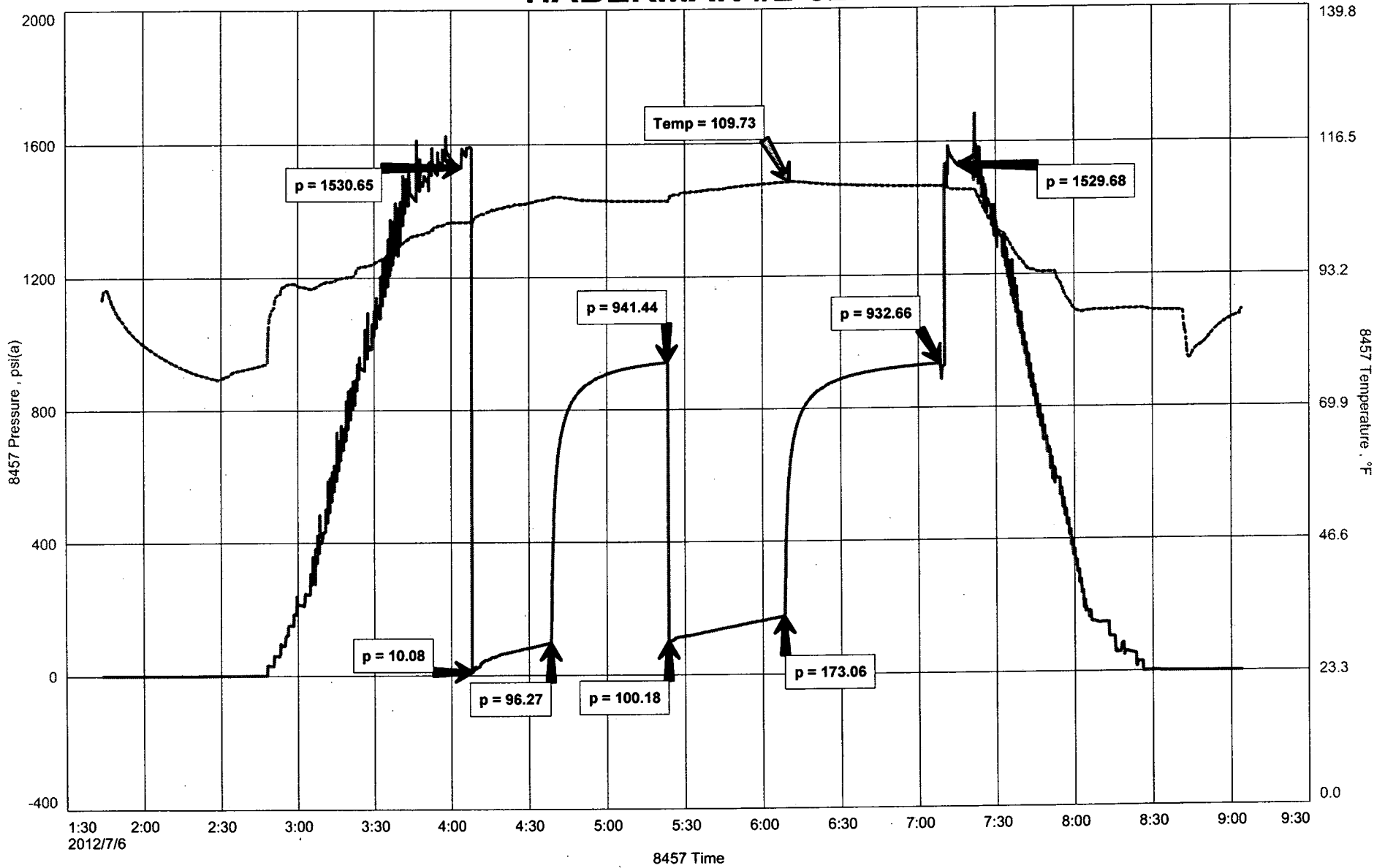
TOOL SAMPLE: TRACE OIL, 93% WATER, 7% MUD

CHLORIDES: 65,000ppm
PH: 7.0
RW: .1 @ 83 deg.

L.D. DRILLING, INC.
DST #1, LANSING "A-D", 3238-3280
Start Test Date: 2012/07/06
Final Test Date: 2012/07/06

HABERMAN #2-32
Formation: DST #1, LANSING "A-D", 3238-3280
Pool: ERNA SOUTHEAST
Job Number: T072

HABERMAN #2-32





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: HABERMAN2-32DST1

TIME ON: 01:44
TIME OFF: 09:05

Company L.D. DRILLING, INC. Lease & Well No. HABERMAN #2-32
Contractor PETROMARK DRILLING, LLC RIG #2 Charge to L.D. DRILLING, INC.
Elevation 1914 KB Formation LANSING "A-D" Effective Pay _____ Ft. Ticket No. T072
Date 7-6-12 Sec. 32 Twp. 18 S Range 14 W County BARTON State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 3238 ft. to 3280 ft. Total Depth 3280 ft.
Packer Depth 3233 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3238 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3224 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 3277 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 66 Drill Collar Length 121 ft. I.D. 2 1/4 in.
Weight 8.6 Water Loss 8.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,600 P.P.M. Drill Pipe Length 3089 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length 28 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 42 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 23 1/2 MIN. (NOBB)
2nd Open: WEAK SURFACE BLOW, BUILDING, REACHING BOB 28 MIN. (NOBB)

Recovered 50 ft. of MCW W/TR. OIL, TRACE OIL, 75% WATER, 25% MUD
Recovered 250 ft. of SMCW, 89% WATER, 11% MUD
Recovered 60 ft. of HMCW, 57% WATER, 43% MUD
Recovered 360 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	Total

TOOL SAMPLE: TRACE OIL, 93% WATER, 7% MUD

Time Set Packer(s) 4:07 AM A.M. P.M. Time Started Off Bottom 7:07 AM A.M. P.M. Maximum Temperature 110 deg.
Initial Hydrostatic Pressure..... (A) 1531 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 96 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 941 P.S.I.
Final Flow Period..... Minutes 45 (E) 100 P.S.I. to (F) 173 P.S.I.
Final Closed In Period..... Minutes 60 (G) 933 P.S.I.
Final Hydrostatic Pressure..... (H) 1530 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	HABERMAN #2-32	Report Date	2012/07/06
Unique Well ID	DST #2, LANSING "F", 3284-3293	Prepared By	TIM VENTERS
Surface Location	SEC 32-18S-14W	Qualified By	KIM SHOEMAKER
Field	ERNA SOUTHEAST		
Well Type	Vertical		
Test Type	CONVENTIONAL		
Formation	DST #2, LANSING "F", 3284-3293		
Well Fluid Type	01 Oil		
Start Test Date	2012/07/06	Start Test Time	14:04:00
Final Test Date	2012/07/06	Final Test Time	21:04:00

Test Recovery:

RECOVERED: 55' GAS IN PIPE
10' G,W,SMCO, 2% GAS, 67% OIL, 28% WATER, 3% MUD
185' SMCW W/TR. OIL, TRACE OIL, 89% WATER, 11% MUD
195' TOTAL FLUID

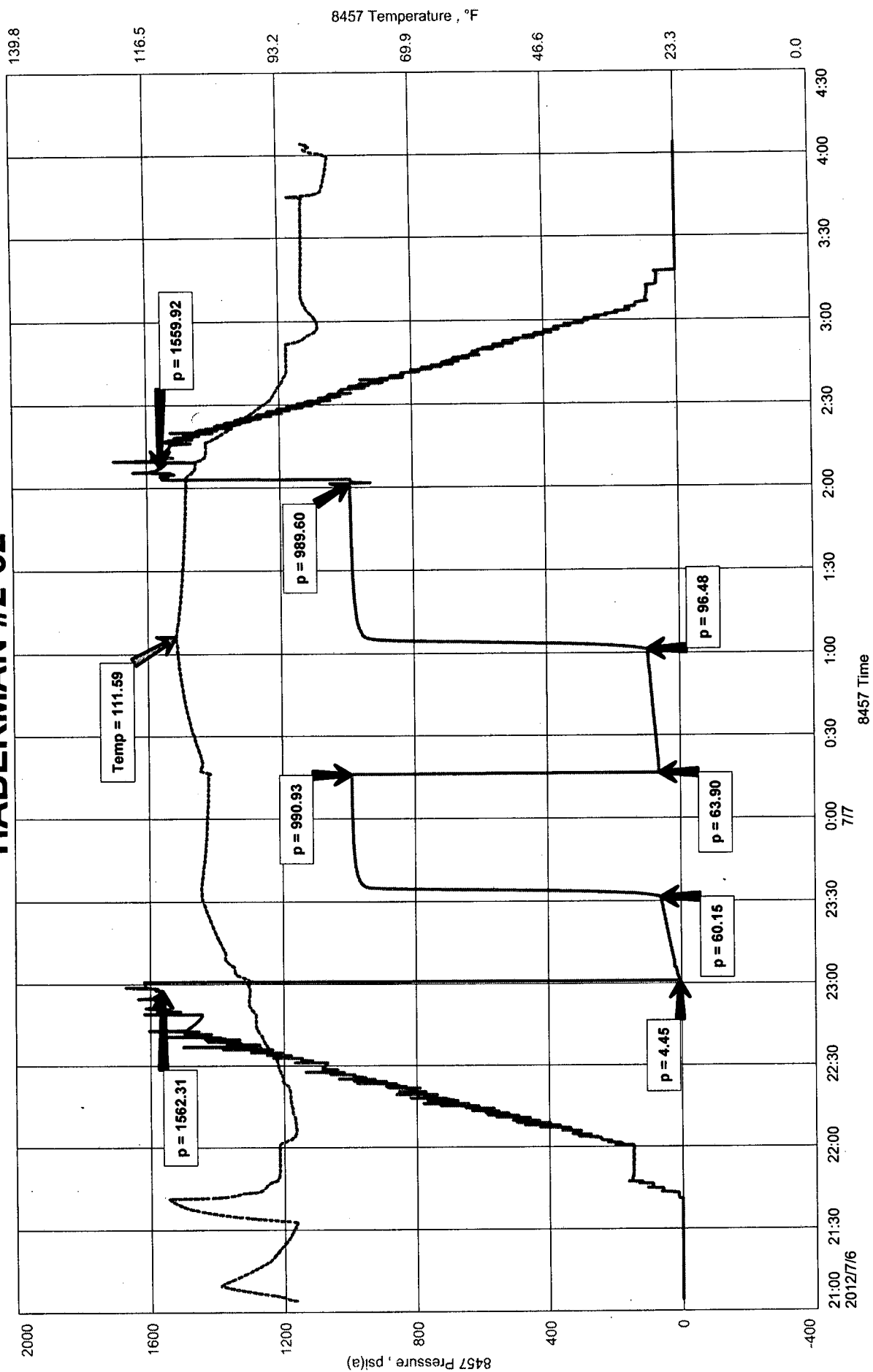
TOOL SAMPLE: 3% OIL, 97% WATER

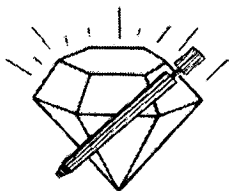
CHLORIDES: 75,000 ppm
PH: 7.0
RW: .09 @ 86 deg.

HABERMAN #2-32
 Formation: DST #2, LANSING "F", 3284-3293
 Pool: ERNA SOUTHEAST
 Job Number: T073

L.D. DRILLING, INC.
 DST #2, LANSING "F", 3284-3293
 Start Test Date: 2012/07/06
 Final Test Date: 2012/07/06

HABERMAN #2-32





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: HABERMAN2-32DST2

TIME ON: 14:04
TIME OFF: 21:04

Company L.D. DRILLING, INC. Lease & Well No. HABERMAN #2-32
Contractor PETROMARK DRILLING, LLC RIG #2 Charge to L.D. DRILLING, INC.
Elevation 1914 KB Formation LANSING "F" Effective Pay _____ Ft. Ticket No. T073
Date 7-6-12 Sec. 32 Twp. _____ 18 S Range _____ 14 W County BARTON State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 3284 ft. to 3293 ft. Total Depth 3293 ft.
Packer Depth 3279 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3284 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3270 ft. Recorder Number _____ 8457 Cap. _____ 10,000 P.S.I.
Bottom Recorder Depth (Outside) _____ 3290 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 54 Drill Collar Length 121 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 3135 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number _____ Test Tool Length 28 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 9 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 7 1/2 INCHES (NOBB)

2nd Open: WEAK SURFACE BLOW, BUILDING TO 11 INCHES. (NOBB)

Recovered 55 ft. of GAS IN PIPE
Recovered 10 ft. of G,W,SMCO, 2% GAS, 67% OIL, 28% WATER, 3% MUD
Recovered 185 ft. of SMCW W/TR. OIL, TRACE OIL, 89% WATER, 11% MUD
Recovered 195 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	Total

TOOL SAMPLE: 3% OIL, 97% WATER

Time Set Packer(s) 4:00 PM A.M. P.M. Time Started Off Bottom 7:00 PM A.M. P.M. Maximum Temperature 112 deg.
Initial Hydrostatic Pressure _____ (A) _____ 1562 P.S.I.
Initial Flow Period _____ Minutes 30 (B) _____ 4 P.S.I. to (C) _____ 60 P.S.I.
Initial Closed In Period _____ Minutes 45 (D) _____ 971 P.S.I.
Final Flow Period _____ Minutes 45 (E) _____ 64 P.S.I. to (F) _____ 96 P.S.I.
Final Closed In Period _____ Minutes 60 (G) _____ 990 P.S.I.
Final Hydrostatic Pressure _____ (H) _____ 1560 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.
Contact L. D. DAVIS
Well Name HABERMAN #2-32
Unique Well ID DST #3, LANSING "H", 3369-3397
Surface Location SEC 32-18S-14W, BARTON CO. KS.
Field ERNA SOUTHEAST
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #3, LANSING "H", 3369-3397
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator L.D. DRILLING, INC.
Report Date 2012/07/07
Prepared By TIM VENTERS
Qualified By KIM SHOEMAKER

Start Test Date 2012/07/07
Final Test Date 2012/07/07

Start Test Time 06:24:00
Final Test Time 14:49:00

Test Recovery:

RECOVERED: 760' GAS IN PIPE
2335' GO, 23% GAS, 77% OIL
245' G,W&MCO, 25% GAS, 40% OIL, 10% WATER, 25% MUD
2580' TOTAL FLUID

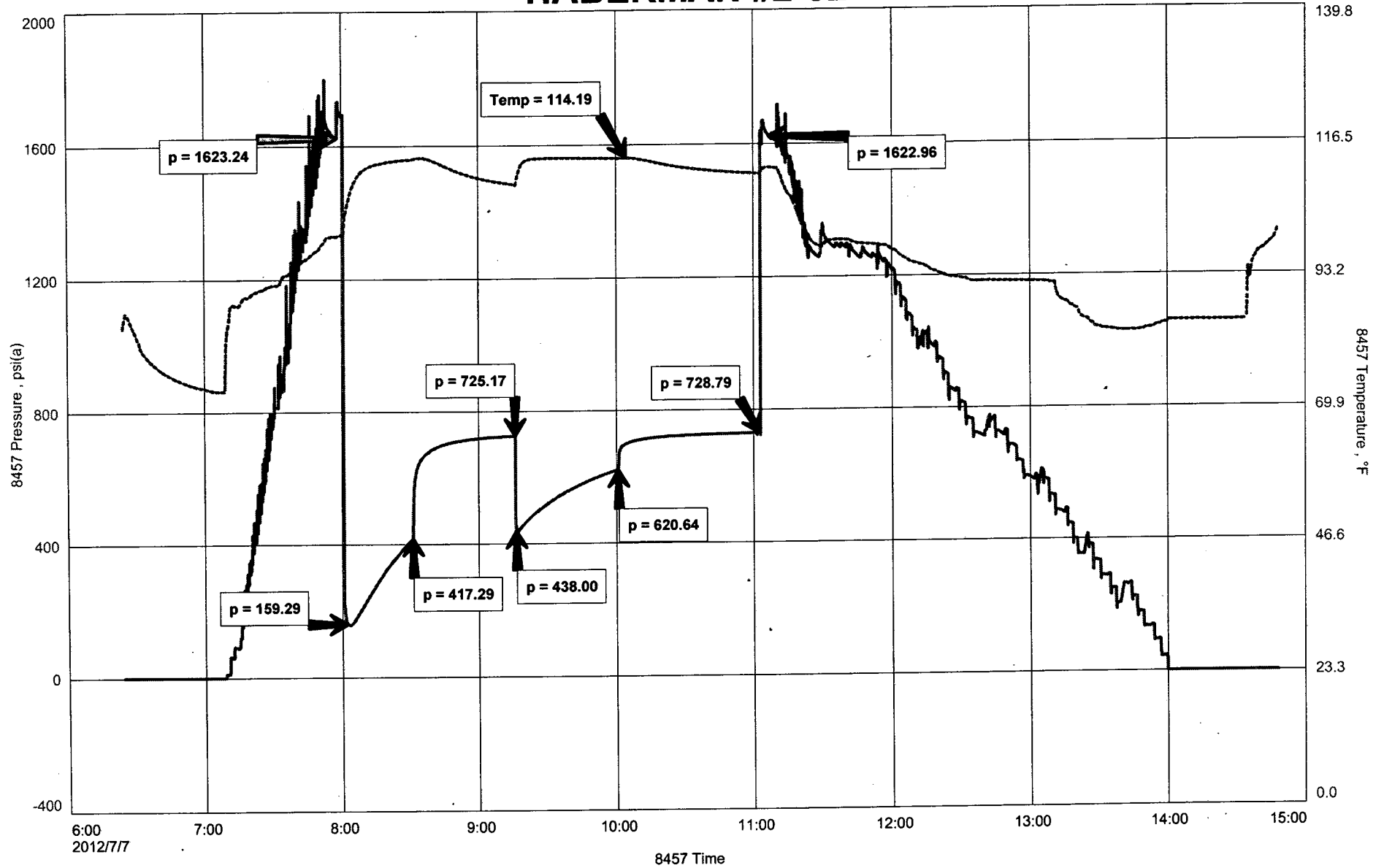
TOOL SAMPLE: 8% GAS , 92% OIL

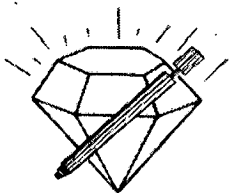
CHLORIDES: 32,000 ppm
PH: 7.0
RW: .39 @ 82 deg.

L.D. DRILLING, INC.
DST #3, LANSING "H", 3369-3397
Start Test Date: 2012/07/07
Final Test Date: 2012/07/07

HABERMAN #2-32
Formation: DST #3, LANSING "H", 3369-3397
Pool: ERNA SOUTHEAST
Job Number: T073

HABERMAN #2-32





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: HABERMAN2-32DST3

TIME ON: 06:24

TIME OFF: 14:49

Company L.D. DRILLING, INC. Lease & Well No. HABERMAN #2-32
Contractor PETROMARK DRILLING, LLC RIG #2 Charge to L.D. DRILLING, INC.
Elevation 1914 KB Formation LANSING "H" Effective Pay _____ Ft. Ticket No. T074
Date 7-7-12 Sec. 32 Twp. 18 S Range 14 W County BARTON State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 3 Interval Tested from 3369 ft. to 3397 ft. Total Depth 3397 ft.

Packer Depth 3364 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 3369 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3355 ft. Recorder Number 8457 Cap. 10,000 P.S.I.

Bottom Recorder Depth (Outside) 3394 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 54 Drill Collar Length 121 ft. I.D. 2 1/4 in.

Weight 9.4 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 7,600 P.P.M. Drill Pipe Length 3220 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number _____ Test Tool Length 28 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 28 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: VERY STRONG BLOW, HITTING BOB INSTANTANEOUSLY. (BOBBB)

2nd Open: VERY STRONG BLOW, HITTING BOB INSTANTANEOUSLY. (BOBBB)

Recovered 760 ft. of GAS IN PIPE

Recovered 2335 ft. of GO, 23% GAS, 77% OIL, GRAVITY: 39

Recovered 245 ft. of G,W&MCO, 25% GAS, 40% OIL, 10% WATER, 25% MUD

Recovered 2580 ft. of TOTAL FLUID

Recovered _____ ft. of _____ Price Job _____

Recovered _____ ft. of CHLORIDES: 32, 000 ppm Other Charges _____

Remarks: PH: 7.0 Insurance _____

RW: .39 @ 82 deg.

TOOL SAMPLE: 8% OIL, 92% WATER Total _____

Time Set Packer(s) 8:00 AM A.M. P.M. Time Started Off Bottom 11:00 AM A.M. P.M. Maximum Temperature 114 deg.

Initial Hydrostatic Pressure..... (A) 1623 P.S.I.

Initial Flow Period..... Minutes 30 (B) 159 P.S.I. to (C) 417 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 725 P.S.I.

Final Flow Period..... Minutes 45 (E) 438 P.S.I. to (F) 621 P.S.I.

Final Closed In Period..... Minutes 60 (G) 729 P.S.I.

Final Hydrostatic Pressure..... (H) 1623 P.S.I.

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DIAMOND TESTING

General Information Report

General Information

Company Name L.D. DRILLING, INC.
Contact L.D. DAVIS
Well Name HABERMAN #2-32
Unique Well ID DST #4, LKC "I,J,K", 3394-3465
Surface Location SEC 32-18S-14W, BARTON CO. K.
Field ERNA SOUTHEAST
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #4, LKC "I,J,K", 3394-3465
Well Fluid Type 01 Oil

Start Test Date 2012/07/08
Final Test Date 2012/07/08

Representative TIM VENTERS
Well Operator L.D. DRILLING, INC.
Report Date 2012/07/08
Prepared By TIM VENTERS

Qualified By KIM SHOEMAKER

Start Test Time 00:22:00
Final Test Time 07:53:00

Test Recovery:

RECOVERED: 910' GAS IN PIPE
10' CO, 100% OIL, GRAVITY: 30
25' O&MCW, 10% OIL, 68% WATER, 22% MUD
250' SMCW, 95% WATER, 5% MUD
60' WCM, 33% WATER, 76% MUD
345' TOTAL FLUID

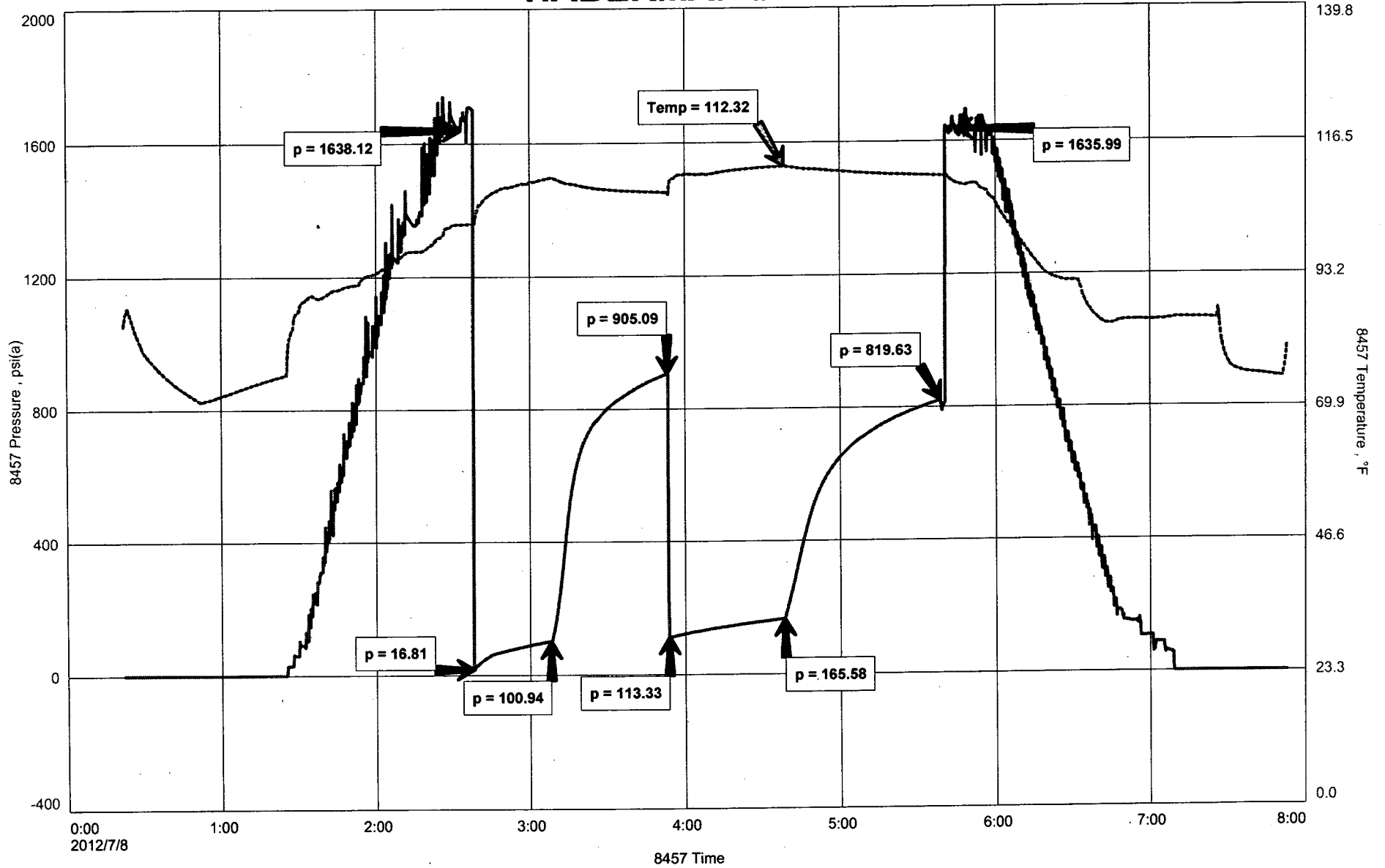
TOOL SAMPLE: 8% OIL, 91% WATER, 1% MUD

CHLORIDES: 69,000 ppm
PH: 6.5
RW: .11 @ 75 deg.

L.D. DRILLING, INC.
DST #4, LKC "I,J,K", 3394-3465
Start Test Date: 2012/07/08
Final Test Date: 2012/07/08

HABERMAN #2-32
Formation: DST #4, LKC "I,J,K", 3394-3465
Pool: ERNA SOUTHEAST
Job Number: T075

HABERMAN #2-32





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: HABERMAN2-32DST4

TIME ON: 00:22
TIME OFF: 07:53

Company L.D. DRILLING, INC. Lease & Well No. HABERMAN #2-32
Contractor PETROMARK DRILLING, LLC RIG #2 Charge to L.D. DRILLING, INC.
Elevation 1914 KB Formation LKC "I,J,K" Effective Pay _____ Ft. Ticket No. T075
Date 7-8-12 Sec. 32 Twp. _____ 18 S Range _____ 14 W County BARTON State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 4 Interval Tested from 3394 ft. to 3465 ft. Total Depth 3465 ft.
Packer Depth 3389 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3394 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

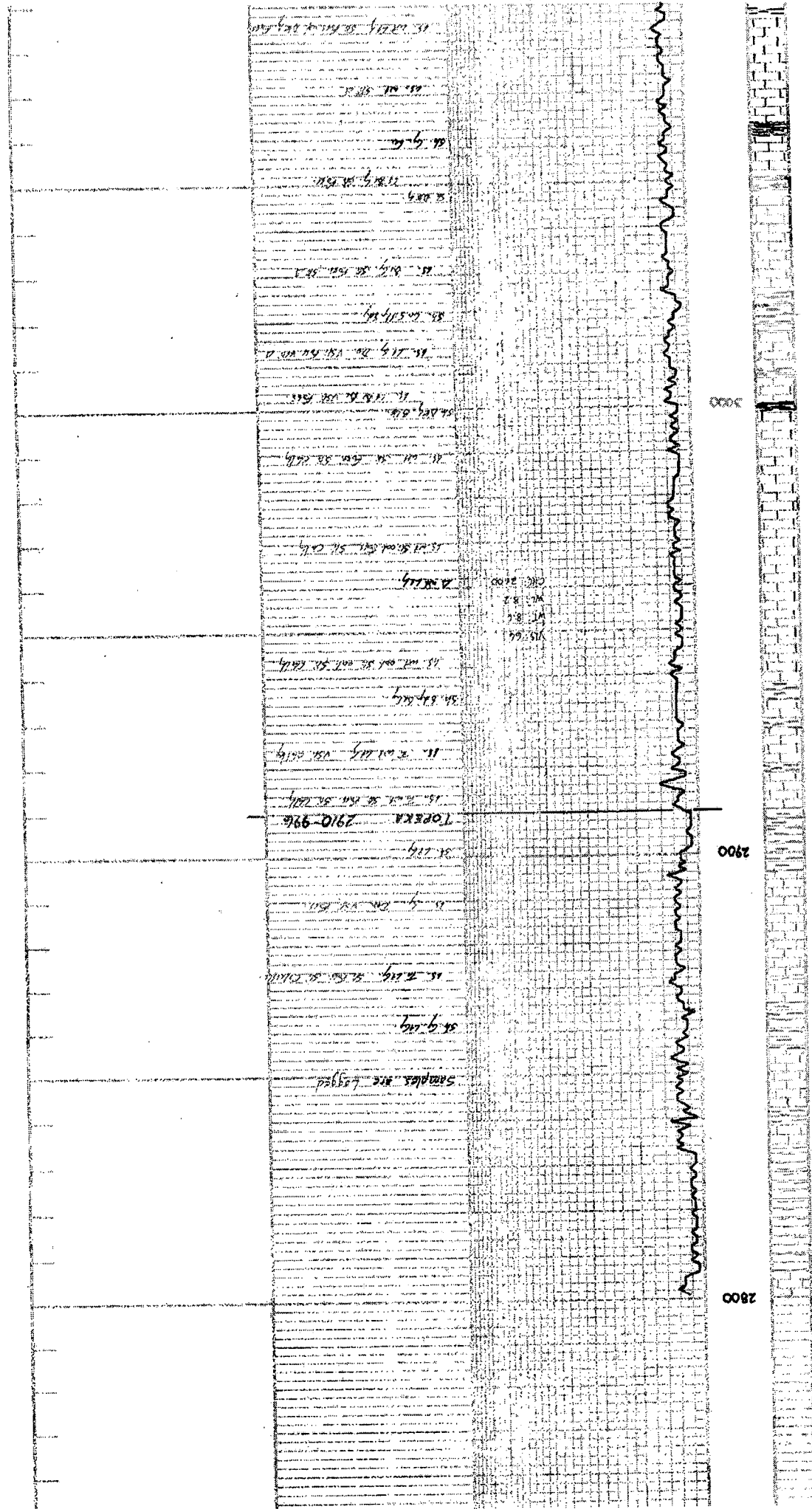
Top Recorder Depth (Inside) 3380 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 3462 ft. Recorder Number 11029 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 54 Drill Collar Length 121 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 7,600 P.P.M. Drill Pipe Length 3245 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length 28 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 40 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{31' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1 INCH BLOW, BUILDING, REACHING BOB 15 1/2 MIN. (NOBB)
2nd Open: WEAK 1 INCH BLOW, BUILDING, REACHIN BOB 24 1/2 MIN. (NOBB)

Recovered <u>910</u> ft. of <u>GAS IN PIPE</u>	
Recovered <u>10</u> ft. of <u>CO, 100% OIL, GRAVITY: 30</u>	
Recovered <u>25</u> ft. of <u>O&MCW, 10% OIL, 68% WATER, 22% MUD</u>	
Recovered <u>250</u> ft. of <u>SMCW, 95% WATER, 5% MUD</u>	
Recovered <u>60</u> ft. of <u>WCM, 33% WATER, 67% MUD</u>	Price Job
Recovered <u>345</u> ft. of <u>TOTAL FLUID</u> CHLORIDES: <u>69,000</u> ppm	Other Charges
Remarks: _____ PH: <u>6.5</u>	Insurance
_____ RW: <u>.11 @ 75 deg.</u>	
TOOL SAMPLE: <u>8% OIL, 91% WATER, 1% MUD</u>	Total

Time Set Packer(s) 2:37 AM A.M. P.M. Time Started Off Bottom 5:37 AM A.M. P.M. Maximum Temperature 112 deg.
Initial Hydrostatic Pressure..... (A) 1638 P.S.I.
Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 101 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 905 P.S.I.
Final Flow Period..... Minutes 45 (E) 113 P.S.I. to (F) 166 P.S.I.
Final Closed In Period..... Minutes 60 (G) 820 P.S.I.
Final Hydrostatic Pressure..... (H) 1636 P.S.I.

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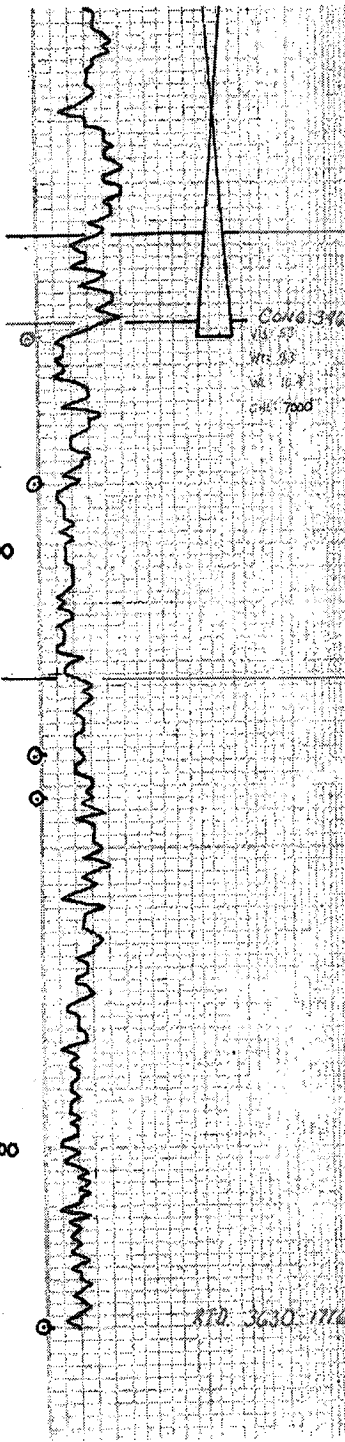
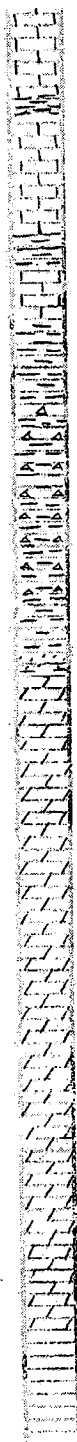
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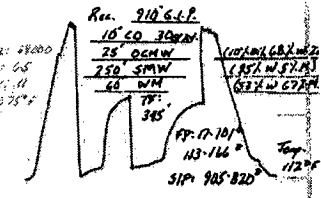
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