



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

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

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



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

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

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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ 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

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Baird Oil Company LLC
Well Name	Esslinger Ranch, Inc. 3-35
Doc ID	1052883

Tops

Name	Top	Datum
Anhydrite	2025	+322
Base Anhydrite	2054	+292
Topeka	3339	-992
Heebner	3538	-1192
Toronto	3563	-1216
Lansing	3580	-1233
Base Kansas City	3770	-1423
Marmaton	3798	-1451
Precambrian	3826	-1479
Total Depth	3845	-1498

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



phone: 316-337-6200
fax: 316-337-6211
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

March 28, 2011

Jim R. Baird
Baird Oil Company LLC
113 W MAIN
PO BOX 428
LOGAN, KS 67646

Re: ACO1
API 15-137-20549-00-00
Esslinger Ranch, Inc. 3-35
NW/4 Sec.35-03S-22W
Norton County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Jim R. Baird



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC**

PO Box 428
Logan Ks. 67646-0428

ATTN: Richard Bell

35-3s-22w Norton,KS

Esslinger Ranch inc #3-35

Start Date: 2011.03.19 @ 17:02:05

End Date: 2011.03.19 @ 23:24:59

Job Ticket #: 041566 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Baird Oil Co. LLC

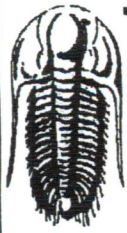
Esslinger Ranch Inc #3-35

35-3s-22w Norton,KS

DST # 1

LKC"A"

2011.03.19



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Co. LLC
 PO Box 428
 Logan Ks. 67646-0428
 ATTN: Richard Bell

Esslinger Ranch inc #3-35
35-3s-22w Norton,KS
 Job Ticket: 041566 DST#: 1
 Test Start: 2011.03.19 @ 17:02:05

GENERAL INFORMATION:

Formation: **LKC"A"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:25:00
 Time Test Ended: 23:24:59
 Interval: **3566.00 ft (KB) To 3590.00 ft (KB) (TVD)**
 Total Depth: **3590.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair

Test Type: Conventional Bottom Hole
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 2347.00 ft (KB)
 2340.00 ft (CF)
 KB to GR/CF: 7.00 ft

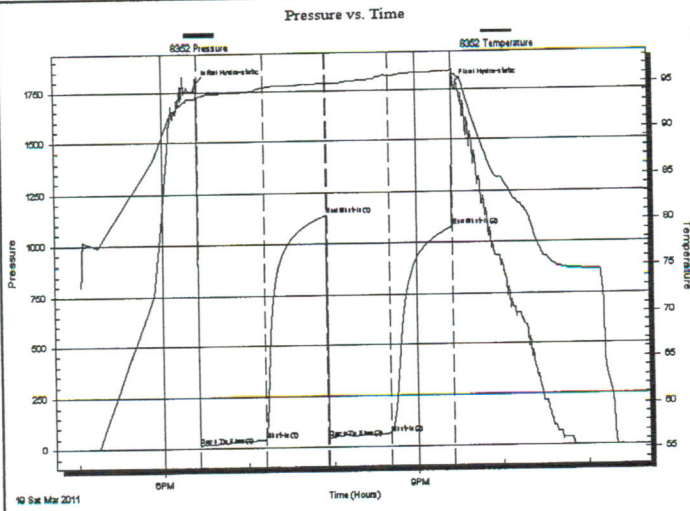
Serial #: 8352

Outside

Press@RunDepth: 65.96 psig @ 3567.00 ft (KB)
 Start Date: 2011.03.19 End Date: 2011.03.19
 Start Time: 17:02:05 End Time: 23:24:59

Capacity: 8000.00 psig
 Last Calib.: 2011.03.19
 Time On Btm: 2011.03.19 @ 18:24:20
 Time Off Btm: 2011.03.19 @ 21:26:20

TEST COMMENT: IF: Fair, 1 inch in 9 min. building to 2 inches
 IS: No Return
 FF: Half inch blow
 FS: No Return



PRESSURE SUMMARY

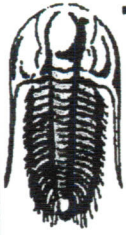
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1790.81	93.77	Initial Hydro-static
1	13.80	93.30	Open To Flow (1)
48	39.73	94.69	Shut-In(1)
92	1137.95	95.11	End Shut-In(1)
92	44.56	94.69	Open To Flow (2)
136	65.96	95.86	Shut-In(2)
181	1074.08	96.31	End Shut-In(2)
182	1775.23	95.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	OSMW m=30% w =70%	0.32
5.00	Oil	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC

Esslinger Ranch inc #3-35

PO Box 428
Logan Ks. 67646-0428

35-3s-22w Norton,KS

Job Ticket: 041566 DST#: 1

ATTN: Richard Bell

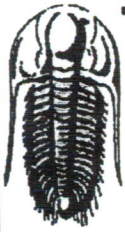
Test Start: 2011.03.19 @ 17:02:05

Tool Information

Drill Pipe:	Length: 3451.00 ft	Diameter: 3.80 inches	Volume: 48.41 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 122.13 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 49.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.13 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3566.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3547.00	
Shut In Tool	5.00			3552.00	
Hydraulic tool	5.00			3557.00	
Packer	5.00			3562.00	20.00 Bottom Of Top Packer
Packer	4.00			3566.00	
Stubb	1.00			3567.00	
Recorder	0.00	8017	Inside	3567.00	
Recorder	0.00	8352	Outside	3567.00	
Perforations	20.00			3587.00	
Bullnose	3.00			3590.00	24.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC
PO Box 428
Logan Ks. 67646-0428
ATTN: Richard Bell

Esslinger Ranch Inc #3-35
35-3s-22w Norton,KS
Job Ticket: 041566 DST#: 1
Test Start: 2011.03.19 @ 17:02:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil Apt:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: inches			

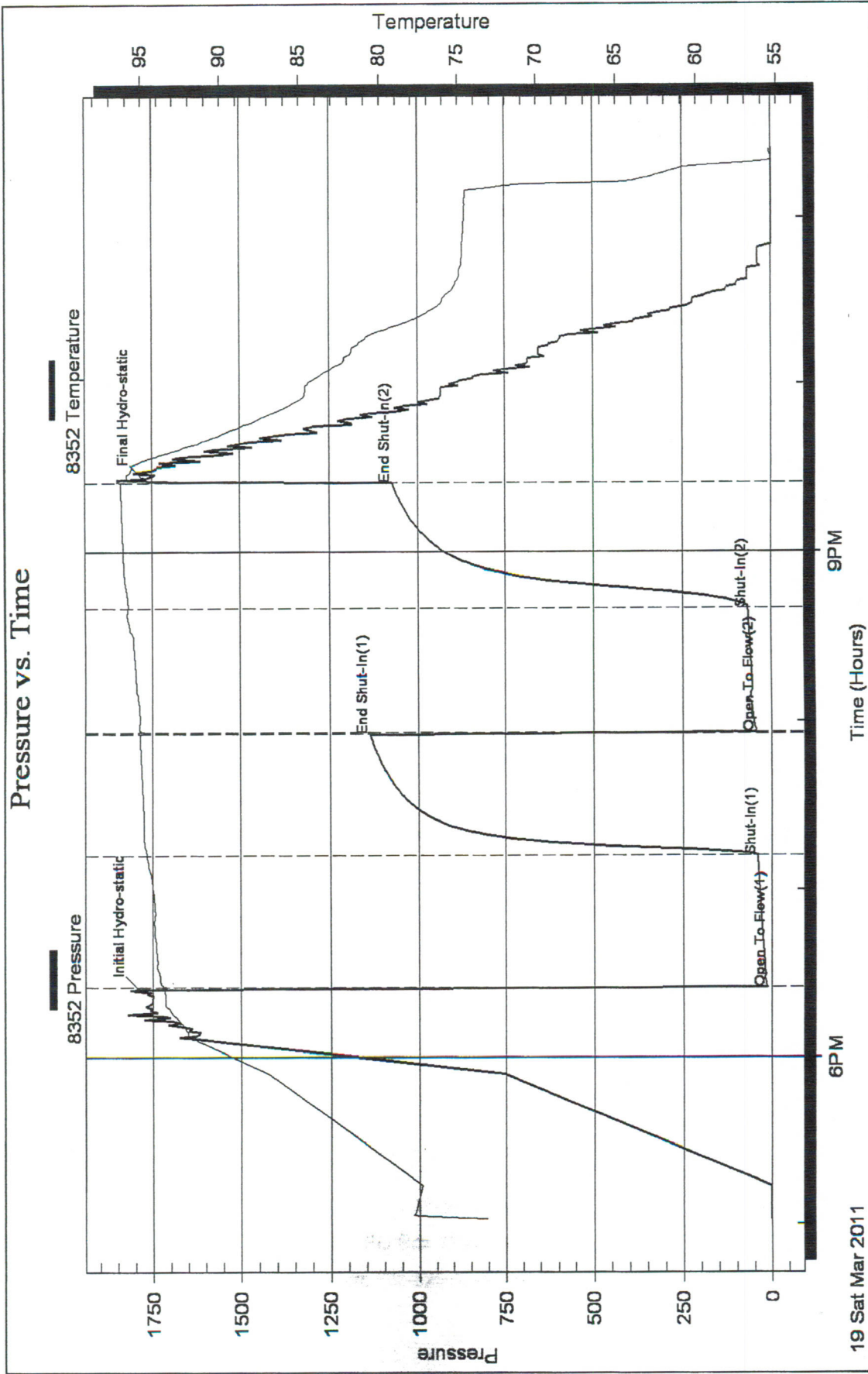
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	OSMW m=30% w =70%	0.320
5.00	Oil	0.025

Total Length: 70.00 ft Total Volume: 0.345 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

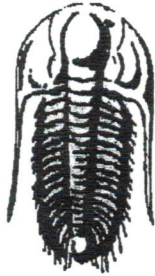
Pressure vs. Time



19 Sat Mar 2011

6PM

9PM



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC**

PO Box 428
Logan Ks. 67646-0428

ATTN: Richard Bell

35-3s-22w Norton,KS

Esslinger Ranch inc #3-35

Start Date: 2011.03.20 @ 06:03:05

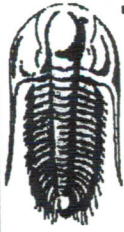
End Date: 2011.03.20 @ 12:56:59

Job Ticket #: 041567 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Co. LLC
 PO Box 428
 Logan Ks. 67646-0428
 ATTN: Richard Bell

Esslinger Ranch inc #3-35
35-3s-22w Norton,KS
 Job Ticket: 041567 DST#: 2
 Test Start: 2011.03.20 @ 06:03:05

GENERAL INFORMATION:

Formation: LKC"C"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:56:50
 Time Test Ended: 12:56:59

Test Type: Conventional Bottom Hole
 Tester: Andy Carreira
 Unit No: 39

Interval: 3592.00 ft (KB) To 3613.00 ft (KB) (TVD)
 Total Depth: 3613.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2347.00 ft (KB)
 2340.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8352

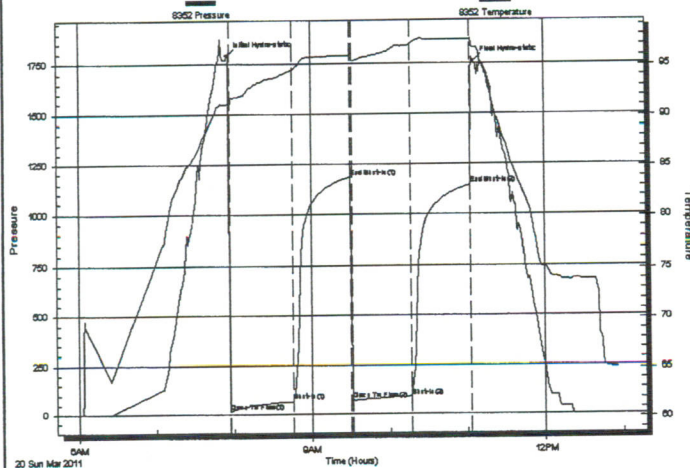
Outside

Press@RunDepth: 91.08 psig @ 3593.00 ft (KB)
 Start Date: 2011.03.20 End Date: 2011.03.20
 Start Time: 06:03:05 End Time: 12:56:59

Capacity: 8000.00 psig
 Last Calib.: 2011.03.20
 Time On Btm: 2011.03.20 @ 07:55:30
 Time Off Btm: 2011.03.20 @ 11:05:29

TEST COMMENT: IF: 4 inch in 11min. BOB, 32min.
 IS: Return blow, half inch in 10min.
 FF: 4 inch in 6 min. BOB, 24min.
 FS: Return blow, half inch in 8 min.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1791.87	91.19	Initial Hydro-static
2	16.10	90.61	Open To Flow (1)
50	66.95	94.59	Shut-In(1)
95	1184.50	95.99	End Shut-In(1)
96	72.93	95.56	Open To Flow (2)
141	91.08	97.03	Shut-In(2)
188	1143.68	97.55	End Shut-In(2)
190	1761.91	96.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM g=10% o=40% m=50%	0.30
60.00	GMCO g=10% m=30% o=60%	0.30
90.00	GCO g=10% o=90%	1.24
0.00	GIP=270ft	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC
PO Box 428
Logan Ks. 67646-0428

ATTN: Richard Bell

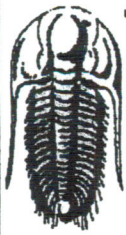
Esslinger Ranch inc #3-35
35-3s-22w Norton,KS
Job Ticket: 041567 DST#: 2
Test Start: 2011.03.20 @ 06:03:05

Tool Information

Drill Pipe:	Length: 3480.00 ft	Diameter: 3.80 inches	Volume: 48.82 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 122.13 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 56000.00 lb
		Total Volume: 49.42 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	30.13 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3592.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3573.00	
Shut In Tool	5.00			3578.00	
Hydraulic tool	5.00			3583.00	
Packer	5.00			3588.00	20.00 Bottom Of Top Packer
Packer	4.00			3592.00	
Stubb	1.00			3593.00	
Recorder	0.00	8017	Inside	3593.00	
Recorder	0.00	8352	Outside	3593.00	
Perforations	17.00			3610.00	
Bullnose	3.00			3613.00	21.00 Bottom Packers & Anchor
Total Tool Length:	41.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC
PO Box 428
Logan Ks. 67646-0428
ATTN: Richard Bell

Esslinger Ranch inc #3-35
35-3s-22w Norton,KS
Job Ticket: 041567 DST#: 2
Test Start: 2011.03.20 @ 06:03:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 33 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.19 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1000.00 ppm		
Filter Cake: inches		

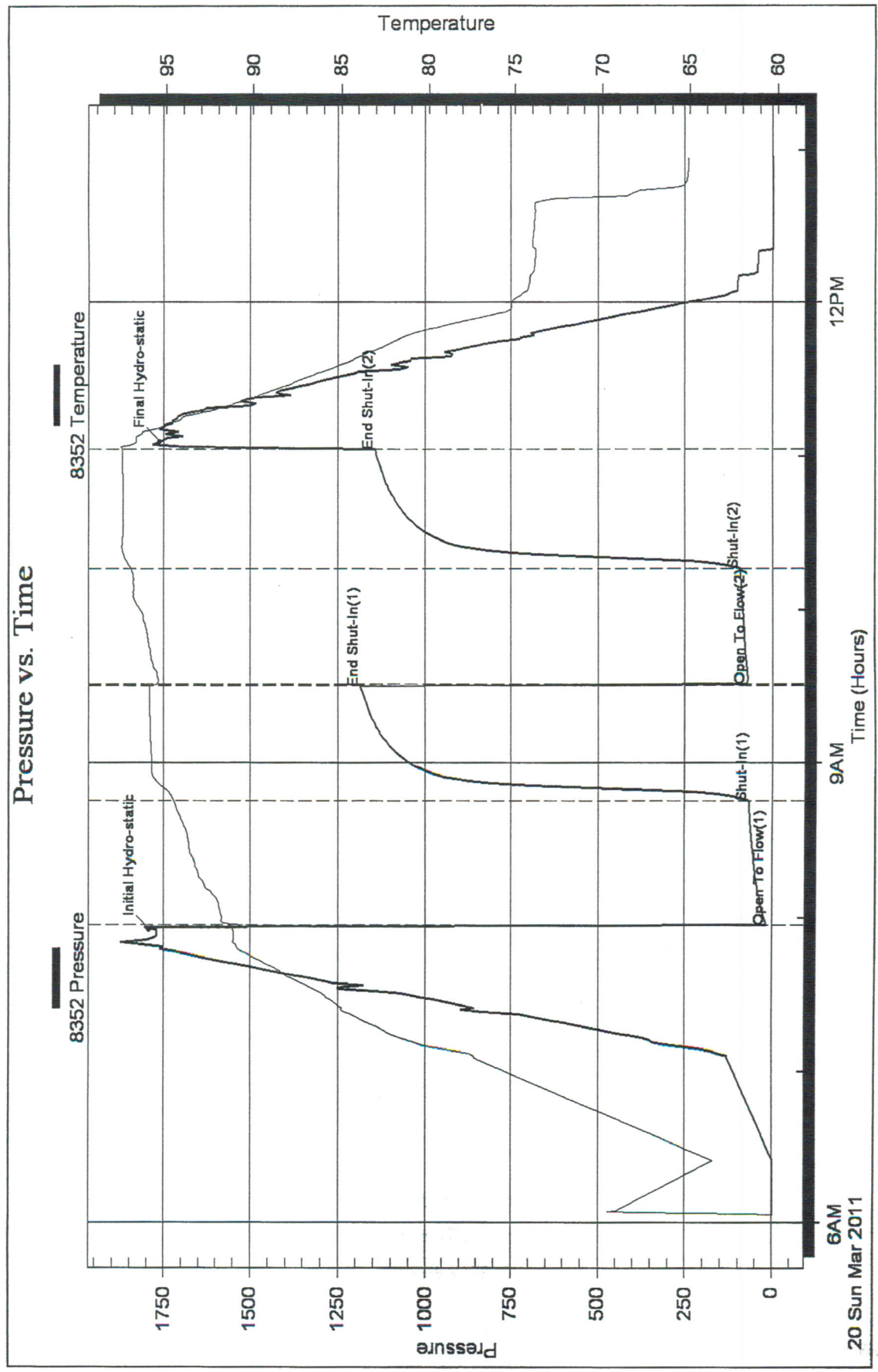
Recovery Information

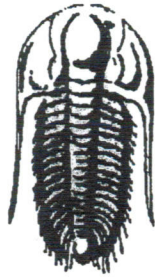
Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM g=10% o=40% m=50%	0.295
60.00	GMCO g=10% m=30% o=60%	0.295
90.00	GCO g=10% o=90%	1.243
0.00	GIP=270ft	0.000

Total Length: 210.00 ft Total Volume: 1.833 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC**

PO Box 428
Logan Ks. 67646-0428

ATTN: Richard Bell

35-3s-22w Norton,KS

Esslinger Ranch inc #3-35

Start Date: 2011.03.20 @ 18:04:05

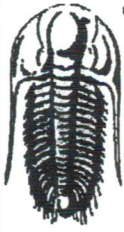
End Date: 2011.03.21 @ 00:49:09

Job Ticket #: 041568 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Co. LLC
PO Box 428
Logan Ks. 67646-0428
ATTN: Richard Bell

Esslinger Ranch inc #3-35
35-3s-22w Norton,KS
Job Ticket: 041568 DST#: 3
Test Start: 2011.03.20 @ 18:04:05

GENERAL INFORMATION:

Formation: **LKC"D"**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 19:36:10
Time Test Ended: 00:49:09

Test Type: **Conventional Bottom Hole**
Tester: **Andy Carreira**
Unit No: **39**

Interval: **3612.00 ft (KB) To 3630.00 ft (KB) (TVD)**
Total Depth: **3630.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2347.00 ft (KB)**
2340.00 ft (CF)
KB to GR/CF: **7.00 ft**

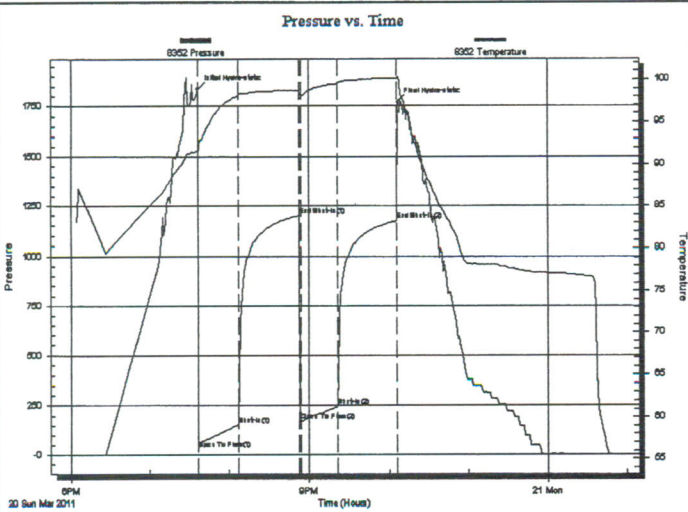
Serial #: 8352

Outside

Press@RunDepth: **245.28 psig @ 3613.00 ft (KB)**
Start Date: **2011.03.20** End Date: **2011.03.21**
Start Time: **18:04:05** End Time: **00:49:10**

Capacity: **8000.00 psig**
Last Calib.: **2011.03.20**
Time On Btm: **2011.03.20 @ 19:36:00**
Time Off Btm: **2011.03.20 @ 22:06:30**

TEST COMMENT: IF: BOB, 5 min.
IS: Return blow ,2inches in 15min. built to 6 inches
FF: BOB, 2 min.
FS: Return blow , built to 6 inches



PRESSURE SUMMARY

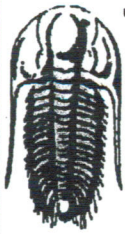
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1836.86	91.75	Initial Hydro-static
1	32.33	91.11	Open To Flow (1)
31	153.49	98.15	Shut-In(1)
77	1201.36	98.71	End Shut-In(1)
78	171.43	98.17	Open To Flow (2)
106	245.28	99.52	Shut-In(2)
150	1175.46	100.12	End Shut-In(2)
151	1770.41	100.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	HOCGM g=5% o=45% m=50%	0.30
610.00	GCO g=15% o=85%	7.99
0.00	GIP=350ft	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC

Esslinger Ranch inc #3-35

PO Box 428
Logan Ks. 67646-0428

35-3s-22w Norton, KS

Job Ticket: 041568 DST#: 3

ATTN: Richard Bell

Test Start: 2011.03.20 @ 18:04:05

Tool Information

Drill Pipe:	Length: 3483.00 ft	Diameter: 3.80 inches	Volume: 48.86 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 122.13 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 49.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.13 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3612.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3593.00	
Shut In Tool	5.00			3598.00	
Hydraulic tool	5.00			3603.00	
Packer	5.00			3608.00	20.00 Bottom Of Top Packer
Packer	4.00			3612.00	
Stubb	1.00			3613.00	
Recorder	0.00	8017	Inside	3613.00	
Recorder	0.00	8352	Outside	3613.00	
Perforations	14.00			3627.00	
Bullnose	3.00			3630.00	18.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC
 PO Box 428
 Logan Ks. 67646-0428
 ATTN: Richard Bell

Esslinger Ranch inc #3-35
 35-3s-22w Norton,KS
 Job Ticket: 041568 DST#: 3
 Test Start: 2011.03.20 @ 18:04:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	34 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: inches			

Recovery Information

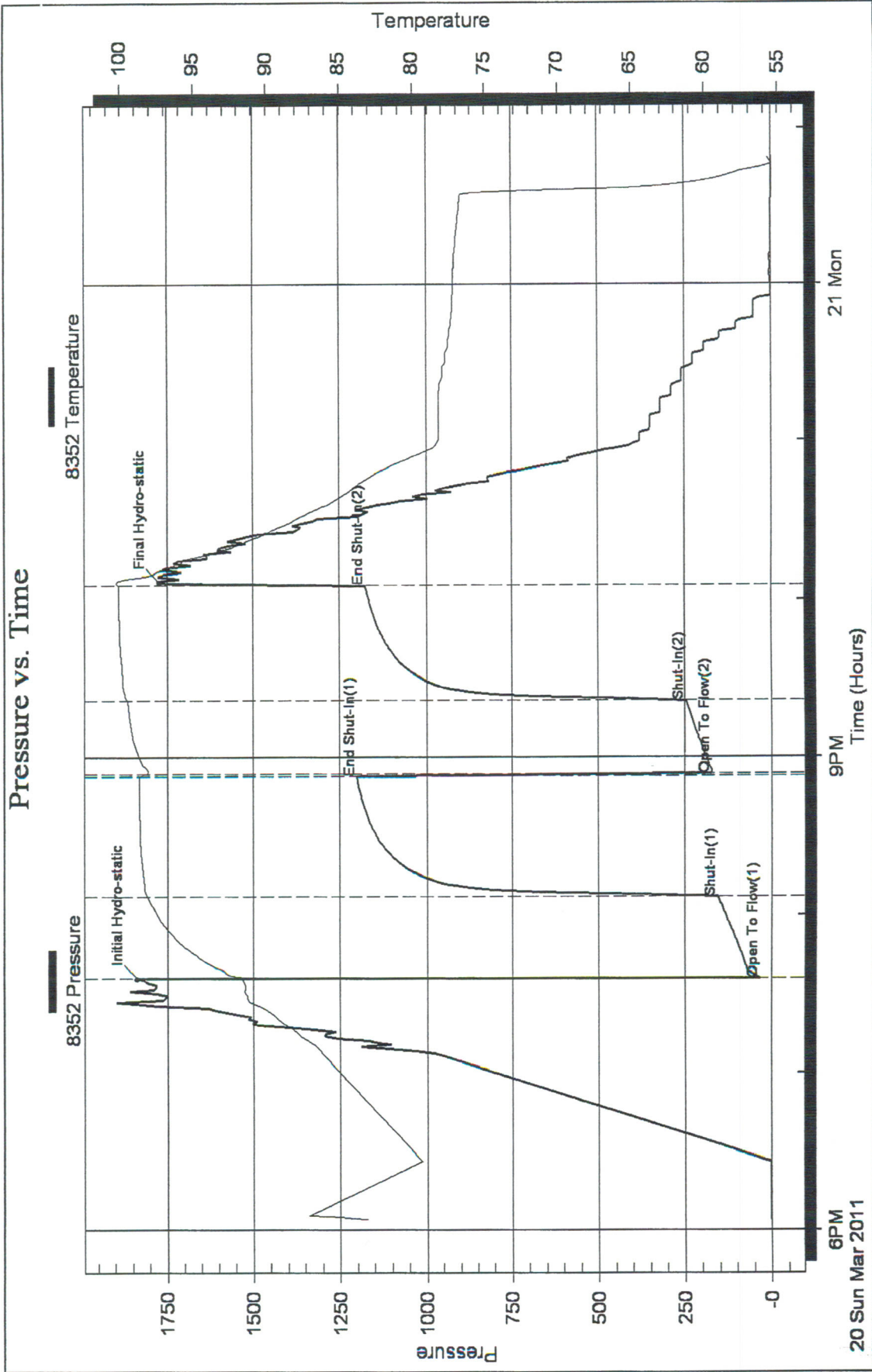
Recovery Table

Length ft	Description	Volume bbl
60.00	HOCGM g=5% o=45% m=50%	0.295
610.00	GCO g=15% o=85%	7.991
0.00	GIP=350ft	0.000

Total Length: 670.00 ft Total Volume: 8.286 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC**

PO Box 428
Logan Ks. 67646-0428

ATTN: Richard Bell

35-3s-22w Norton,KS

Esslinger Ranch inc #3-35

Start Date: 2011.03.21 @ 07:28:05

End Date: 2011.03.21 @ 12:51:09

Job Ticket #: 041569 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Baird Oil Co. LLC

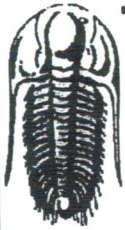
Esslinger Ranch inc #3-35

35-3s-22w Norton,KS

DST # 4

LKC:"F"

2011.03.21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Co. LLC
 PO Box 428
 Logan Ks. 67646-0428
 ATTN: Richard Bell

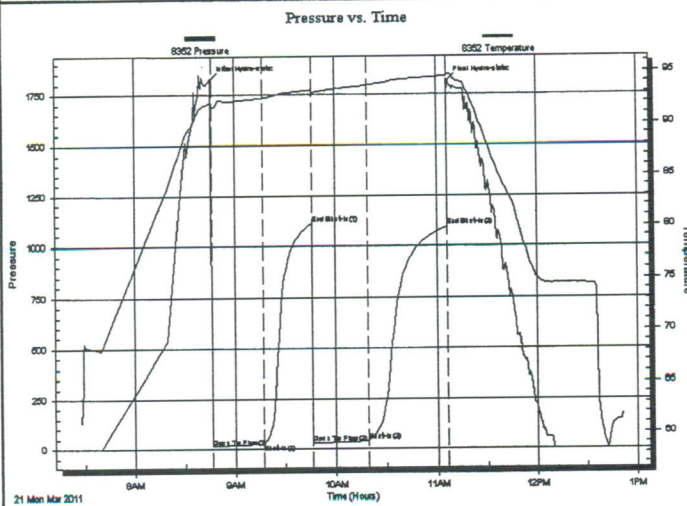
Esslinger Ranch inc #3-35
35-3s-22w Norton,KS
 Job Ticket: 041569 **DST#: 4**
 Test Start: 2011.03.21 @ 07:28:05

GENERAL INFORMATION:

Formation: LKC:"F"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:46:20
 Time Test Ended: 12:51:09
 Interval: 3630.00 ft (KB) To 3648.00 ft (KB) (TVD)
 Total Depth: 3648.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 2347.00 ft (KB)
 2340.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8352 **Outside**
 Press@RunDepth: 38.83 psig @ 3631.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.03.21 End Date: 2011.03.21 Last Calib.: 2011.03.21
 Start Time: 07:28:05 End Time: 12:51:10 Time On Btm: 2011.03.21 @ 08:46:00
 Time Off Btm: 2011.03.21 @ 11:07:00

TEST COMMENT: IF: 1 inch blow in 11 min. built to 2 inches
 IS: No Return
 FF: Built to 1 inch
 FS: No Return



PRESSURE SUMMARY

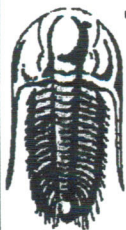
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1820.97	91.94	Initial Hydro-static
1	12.75	91.38	Open To Flow (1)
32	24.56	92.47	Shut-In(1)
61	1110.37	93.23	End Shut-In(1)
61	28.80	92.73	Open To Flow (2)
94	38.83	93.69	Shut-In(2)
141	1092.51	94.52	End Shut-In(2)
141	1812.77	94.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MCO m=40% o=60%	0.25
10.00	Oil	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC
 PO Box 428
 Logan Ks. 67646-0428
 ATTN: Richard Bell

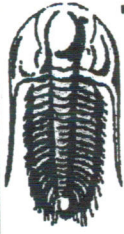
Esslinger Ranch inc #3-35
35-3s-22w Norton,KS
 Job Ticket: 041569 DST#: 4
 Test Start: 2011.03.21 @ 07:28:05

Tool Information

Drill Pipe:	Length: 3513.00 ft	Diameter: 3.80 inches	Volume: 49.28 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 122.13 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 49.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.13 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3630.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3611.00	
Shut In Tool	5.00			3616.00	
Hydraulic tool	5.00			3621.00	
Packer	5.00			3626.00	20.00 Bottom Of Top Packer
Packer	4.00			3630.00	
Stubb	1.00			3631.00	
Recorder	0.00	8017	Inside	3631.00	
Recorder	0.00	8352	Outside	3631.00	
Perforations	14.00			3645.00	
Bullnose	3.00			3648.00	18.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC
PO Box 428
Logan Ks. 67646-0428

ATTN: Richard Bell

Esslinger Ranch inc #3-35
35-3s-22w Norton,KS
Job Ticket: 041569 DST#: 4
Test Start: 2011.03.21 @ 07:28:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil Apt:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	MCO m=40% o=60%	0.246
10.00	Oil	0.049

Total Length: 60.00 ft Total Volume: 0.295 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8352

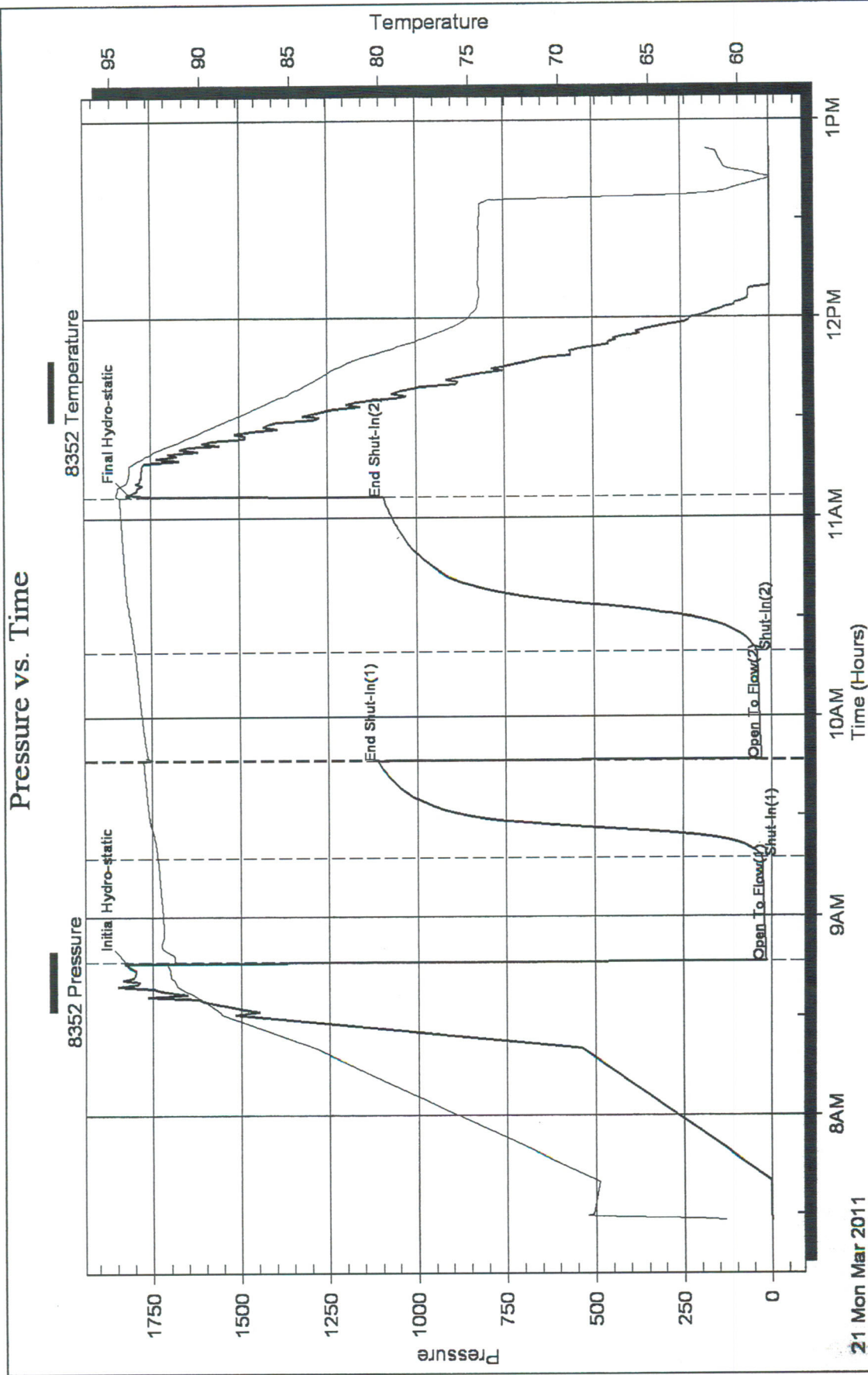
Outside

Baird Oil Co. LLC

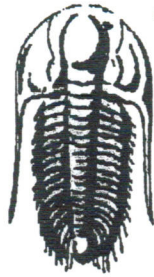
35-3s-22w Norton, KS

DST Test Number: 4

Pressure vs. Time



21 Mon Mar 2011



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC**

PO Box 428
Logan Ks. 67646-0428

ATTN: Richard Bell

35-3s-22w Norton,KS

Esslinger Ranch inc #3-35

Start Date: 2011.03.21 @ 18:46:05

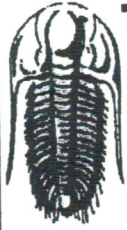
End Date: 2011.03.21 @ 22:52:30

Job Ticket #: 041570 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Co. LLC
PO Box 428
Logan Ks. 67646-0428
ATTN: Richard Bell

Esslinger Ranch inc #3-35
35-3s-22w Norton,KS
Job Ticket: 041570 DST#: 5
Test Start: 2011.03.21 @ 18:46:05

GENERAL INFORMATION:

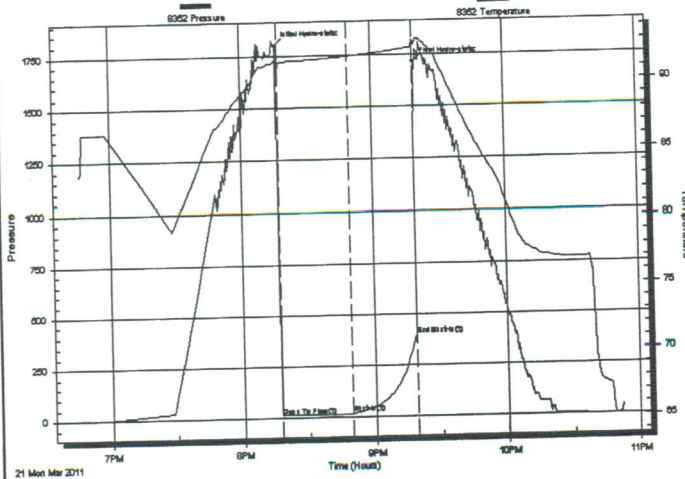
Formation: LKC"G"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:17:10
Time Test Ended: 22:52:30
Interval: 3648.00 ft (KB) To 3665.00 ft (KB) (TVD)
Total Depth: 3665.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole
Tester: Andy Carreira
Unit No: 39
Reference Elevations: 2347.00 ft (KB)
2340.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8352 Outside
Press@RunDepth: 17.95 psig @ 3649.00 ft (KB)
Start Date: 2011.03.21 End Date: 2011.03.21
Start Time: 18:46:05 End Time: 22:52:30
Capacity: 8000.00 psig
Last Calib.: 2011.03.21
Time On Btm: 2011.03.21 @ 20:16:20
Time Off Btm: 2011.03.21 @ 21:19:20

TEST COMMENT: IF: Weak, 1/4 inch blow
IS: No Return

Pressure vs. Time



PRESSURE SUMMARY

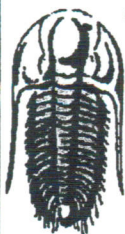
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1798.02	91.66	Initial Hydro-static
1	12.61	90.79	Open To Flow (1)
33	17.95	91.93	Shut-In(1)
63	394.32	92.55	End Shut-In(1)
63	1711.19	92.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM o=5% m=95%	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC
PO Box 428
Logan Ks. 67646-0428
ATTN: Richard Bell

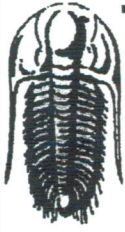
Esslinger Ranch inc #3-35
35-3s-22w Norton,KS
Job Ticket: 041570 DST#: 5
Test Start: 2011.03.21 @ 18:46:05

Tool Information

Drill Pipe:	Length: 3513.00 ft	Diameter: 3.80 inches	Volume: 49.28 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 122.13 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume:	49.88 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.13 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3648.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3629.00	
Shut In Tool	5.00			3634.00	
Hydraulic tool	5.00			3639.00	
Packer	5.00			3644.00	20.00 Bottom Of Top Packer
Packer	4.00			3648.00	
Stubb	1.00			3649.00	
Recorder	0.00	8017	Inside	3649.00	
Recorder	0.00	8352	Outside	3649.00	
Perforations	13.00			3662.00	
Bullnose	3.00			3665.00	17.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC
PO Box 428
Logan Ks. 67646-0428

ATTN: Richard Bell

Esslinger Ranch inc #3-35
35-3s-22w Norton,KS
Job Ticket: 041570 DST#: 5
Test Start: 2011.03.21 @ 18:46:05

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 7.19 in³
Resistivity: ohm.m
Salinity: 1200.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM o=5% m=95%	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

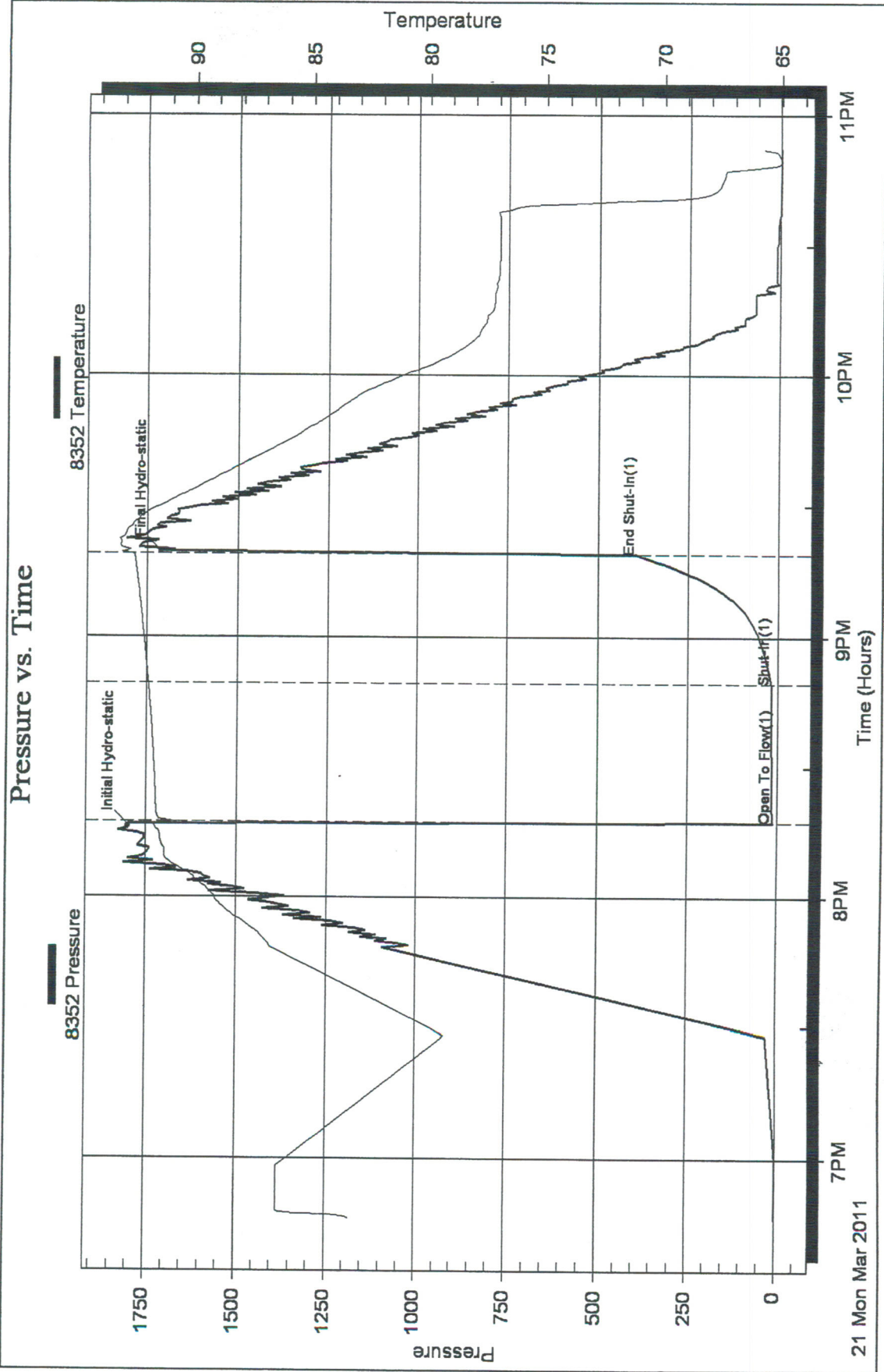
Serial #: 8352

Outside Baird Oil Co. LLC

35-3s-22w Norton, KS

DST Test Number: 5

Pressure vs. Time



SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
3/16/2011	19622

BILL TO
Baird Oil Company LLC PO Box 428 Logan, KS 67646

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#3-35	Esslinger Ra...	Norton	WW Drilling #8	Oil	Development	Surface	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	5.00	400.00
576D-S	Pump Charge - Shallow Surface (< 500 Ft.)				1	Job	750.00	750.00
290	D-Air				1	Gallon(s)	35.00	35.00T
325	Standard Cement				160	Sacks	12.00	1,920.00T
278	Calcium Chloride				4	Sack(s)	35.00	140.00T
279	Bentonite Gel				3	Sack(s)	25.00	75.00T
581D	Service Charge Cement				160	Sacks	1.50	240.00
583D	Drayage				626.4	Ton Miles	1.00	626.40
	Subtotal							4,186.40
	Sales Tax Norton County						7.05%	152.99
	<p style="text-align: center;">R 3/21/2011 P 3/22/2011</p> <p>Eslinger 196402 4339.39</p> <p>Eslinger Ranch Inc 3-35 - Pump Charge, Cement & other misc used to cement surface casing</p>							
We Appreciate Your Business!							Total	\$4,339.39

3/22/2011
OK #10785



CHARGE TO: Baro Oil
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 19622
 PAGE 1 OF 1

SERVICE LOCATIONS
 1. HAYS WELL/PROJECT NO. 3-35 LEASE ESSK WIERMANH SW COUNTY/PARISH ADOTON STATE KS CITY
 2. NESS TICKET TYPE SERVICE CONTRACTOR W.D. DILLON RIG NAME NO. W.D. DILLON 08 SHIPPED VIA C.T. DELIVERED TO W.D. DEUSMONE ORDER NO. 03-16-11 DATE
 3. WELL TYPE OIL WELL CATEGORY Develop JOB PURPOSE Surface WELL PERMIT NO. 15-137-20559 WELL LOCATION 535, 73, 032
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #112	80	M			5.00	400.00
576-S					Pump Service	1	EA			750.00	750.00
290					D. AIR	1	64K			35.00	35.00
325					SSD CURT	1	54			12.00	12.00
278					CALCUM CHADDAE	4	54			35.00	140.00
278					BEUTOWITE CIE	3	54			25.00	75.00
581					SERVICE CHG CURT	1	54			150.00	150.00
583					DIAMBER	1	64K			1.00	1.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED 03-16-11 TIME SIGNED 1600 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	4186	400
TOTAL	4339	300

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Duckbill APPROVAL

Thank You

JOB LOG

SWIFT Services, Inc.

DATE 03-16-11 PAGE NO. 1

CUSTOMER DAIRO DIK WELL NO. 3-35 LEASE ELLINGER RANCH INC JOB TYPE SURFACE TICKET NO. 19622

CHART NO.	TIME	RATE (BPM)	VOLUME (BBU) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1600							ON LOCATION
								CMT: 160SKS STD 2 1/2" x 3/8"
								1 1/4" @ 221 FT
								8 5/8" 2 1/2" @ 220 FT
	1620							BREAK CIRC
	1645	5.0	2.0		✓		200	H2O 2 bbb
			0		✓			START CMT
			39		✓			END
			8		✓			Disp
			13		✓		350	CIRC CMT 20 SKS TO PIT!
	1700				✓		350	END DISP 15 FT IN PIPE
								CLOSE IN
	1730							JOB COMPLETE
								THANK YOU!
								DAVE JASAB, ROB

SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
3/23/2011	19430

BILL TO
Baird Oil Company LLC PO Box 428 Logan, KS 67646

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#3-35	Esslinger Ra...	Norton	WW Drilling #8	Oil	Development	Cement LongStri...	Don
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	5.00	400.00
578D-L	Pump Charge - Long String				1	Job	1,400.00	1,400.00
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
280	Flocheck 21				500	Gallon(s)	2.50	1,250.00T
402-5	5 1/2" Centralizer				11	Each	65.00	715.00T
403-5	5 1/2" Cement Basket				1	Each	230.00	230.00T
404-5	5 1/2" Port Collar				1	Each	2,100.00	2,100.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	300.00	300.00T
411-5	5 1/2" Recipo Scratcher				30	Each	45.00	1,350.00T
325	Standard Cement				200	Sacks	12.00	2,400.00T
283	Salt				1,560	Lb(s)	0.15	234.00T
276	Flocele				50	Lb(s)	1.50	75.00T
285	CFR-1				94	Lb(s)	4.00	376.00T
326	60/40 Pozmix (2% Gel)				40	Sacks	9.50	380.00T
277	Gilsonite (Coal Seal)				400	Lb(s)	0.60	240.00T
581D	Service Charge Cement				240	Sacks	1.50	360.00
583D	Drayage				968	Ton Miles	1.00	968.00
	Subtotal							13,053.00
	Sales Tax Norton County						7.05%	699.71
	<p style="text-align: center;">R3/29/2011 P3/29/2011 Esslinge 190402 13752.71 Esslinger Ranch #nc 3-35 - Pump Charge, cement & other misc expenses used to cement production casing</p>							
We Appreciate Your Business!							Total	\$13,752.71



Services, Inc.

CHARGE TO:
Barred Oil Co.
ADDRESS
CITY, STATE, ZIP CODE

TICKET
19430

PAGE 1 OF 2

SERVICE LOCATIONS
1. *Hays, KS* WEL/PROJECT NO. *3-35* LEASE *Esslinger Ranch, Inc* COUNTY/PARISH *Norton* STATE *KS* DATE *3-23-11* OWNER
2. *Ness City, KS* WEL/PROJECT NO. *W 01* CONTRACTOR *W 01* RIG NAME/NO. *#8* SHIPPED VIA *CT* DELIVERED TO *N. Dunsavage, KS* ORDER NO.
3. WEL TYPE *W 01* WELL CATEGORY *1 in Field* JOB PURPOSE *Convent Logging* WEL PERMIT NO. WELL LOCATION

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #113	80	mi			5.00	400.00
578					Pump Charge	1	ea			1400.00	1400.00
221					Liquid KOI	2	gal			50.00	100.00
280					Flocoat 21	500	gal			2.50	1250.00
462					Controlizers	1	ea			450.00	450.00
-103					Convent Basket	1	ea			330.00	330.00
-104					Bit Collar	1	ea			2100.00	2100.00
-106					Latex Drive Plug + Battle	1	ea			205.00	205.00
-107					Insert FootShoe with All	1	ea			300.00	300.00
-111					Recips Scrubbers	3	ea			450.00	1350.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
X *Richard Hill* DATE SIGNED *3-23-11* TIME SIGNED *8:00* P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
WE UNDERSTOOD AND MET YOUR NEEDS?
OUR SERVICE WAS PERFORMED WITHOUT DELAY?
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
ARE YOU SATISFIED WITH OUR SERVICE?
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL P1 8020.00
PAGE TOTAL P2 5033.00
Subtotal 13053.00
Norton TAX 7.05% 699.71
TOTAL 13,752.71

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
SWIFT OPERATOR *Don Dunsavage* APPROVAL
Thank You



PO Box 466.
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 19430

CUSTOMER
Burdell Oil Co.

WELL
3-35 Esslinger Ranch

DATE
3-23-11

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.	UM		
325		2				Standard Cement	200	SKS	18800	lbs	12.00	2400.00
283		2				Salt	1500	lbs			15	234.00
276		2				Fluxite	50	lbs			15.00	750.00
285		2				CFR-1	99	lbs			4.00	376.00
326		2				60/90 Bz	40	SKS	3806	lbs	9.50	380.00
277		2				Gilsonite	400	lbs			6.00	240.00
581		2				SEVICE CHARGE MILEAGE CHARGE					1.50	360.00
583		2				Cement					1.00	968.00
						TOTAL WEIGHT	80					
						LOADED MILES	80					
						CUBIC FEET	240	SKS				
						TON MILES	968					
CONTINUATION TOTAL												5033.00

JOB LOG

SWIFT Services, Inc.

DATE 3-23-11 PAGE NO. 1

CUSTOMER *Beard Oil Co* WELL NO. *3-35* LEASE *Esslinger Ranch, Inc* JOB TYPE *Cement Logging* TICKET NO. *19930*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		TD 3844	DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING		
<i>3/22</i>	<i>1230</i>							<i>5 1/2</i>	<i>On location with float equip</i>
	<i>0215</i>								<i>Rig LD D.P. - Put on 30 scratchers</i>
									<i>Rig start casing in hole to 3833'</i>
									<i>Insert float shoe w/ Auto-fall</i>
									<i>LD. Baffle - 55-22' 14" #11 5/8"</i>
									<i>Cent 1-10 & 39 cent Bskt #40</i>
									<i>P.C on #40 @ 2047</i>
									<i>Drop fall up ball 5 sts out</i>
	<i>0415</i>								<i>Tag bottom & set @ 11' off Bottom</i>
	<i>0430</i>								<i>Start circ & Reapid casing</i>
									<i>Fin cir - Descro in</i>
									<i>Plug RH - 30 sts out</i>
		<i>6</i>	<i>15</i>					<i>400</i>	<i>Pump KCL Plug - 15 BBI</i>
		<i>4</i>	<i>12</i>					<i>400</i>	<i>Pump 500gal Flock - 21</i>
		<i>5</i>	<i>5</i>					<i>400</i>	<i>Pump 5 BBI KCL spacer</i>
		<i>4</i>	<i>10</i>					<i>300</i>	<i>Start 60/40 Pbz, 2% gel, 10" #11 Gilbert</i>
		<i>4 1/2</i>						<i>200</i>	<i>Start 200 SKS Standard cent</i>
	<i>0555</i>	<i>4 1/2</i>	<i>53</i>						<i>Vac Fin cent - Wash out pump & Lines</i>
	<i>0600</i>	<i>9</i>						<i>400</i>	<i>Drop L.D. Plug - Start Displ.</i>
		<i>9</i>	<i>65</i>					<i>450</i>	<i>Caught press @ 65</i>
		<i>7</i>	<i>70</i>					<i>600</i>	<i>slow rate</i>
		<i>5 1/2</i>	<i>80</i>					<i>800</i>	<i>slow rate</i>
	<i>0615</i>							<i>1000</i>	<i>Plug Down - Hold - Release & Hold</i>
	<i>0630</i>							<i>1500</i>	<i>Job Complete</i>
									<i>Wash up & Reak up Tools</i>

Thanks
Alan, Doug & Joe

SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
3/25/2011	19432

BILL TO
Baird Oil Company LLC PO Box 428 Logan, KS 67646

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#3-35	Esslinger Ra...	Norton		Oil	Development	Cement Port Collar	Don
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	5.00	400.00
576D-D	Pump Charge - Port Collar - 2048 Feet				1	Job	1,100.00	1,100.00
290	D-Air				3	Gallon(s)	35.00	105.00T
104	5 1/2" Port Collar Tool Rental				1	Each	200.00	200.00T
330	Swift Multi-Density Standard (MIDCON II)				225	Sacks	15.00	3,375.00T
276	Flocele				57	Lb(s)	1.50	85.50T
581D	Service Charge Cement				300	Sacks	1.50	450.00
583D	Drayage				1,194.12	Ton Miles	1.00	1,194.12
	Subtotal							6,909.62
	Sales Tax Norton County						7.05%	265.47
	<p><i>24/4/2011</i> <i>24/4/2011</i> Esslinge 190402 6760.99 Esslinger Ranch Inc 3-35- Pump Charge, cement & other misc expenses used to cement port collar</p> <p>Esslinge 190402 414.10 Esslinger Ranch Inc 3-35- Rental of port collar & man when port collar cementing</p>							
Thank You For Your Business!							Total	\$7,175.09

4/6/2011
CK#10840



Services, Inc.

CHARGE TO: Baird Oil Co.
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 19432

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>Hays, KS</u>	WELL/PROJECT NO. <u>3-35</u>	LEASE <u>Eslinger Ranch Inc</u>	COUNTY/PARISH <u>Norton</u>	STATE <u>Ks</u>	CITY	DATE <u>3-25-11</u>	OWNER
2. <u>Ness City, KS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>W.D. Densmore, KS</u>	ORDER NO.	
3.	WELL TYPE <u>D-1</u>	WELL CATEGORY <u>in field</u>	JOB PURPOSE <u>Cement Port Collar</u>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #113	80	MI			500	40000	
576 D		1			Ramp Charge - cement Port Collar	1	sq	208	sq	110000	110000	
298		1			D-Air	3	gal			3500	10500	
104		1			Port Collar Tool Reamed	1	ea	5 1/2	in	20000	20000	
330		2			SWD Cement 175	285	SKS	22334	lbs	1500	337500	
226		2			Floacle 750 ppa	57	lbs			150	8550	
581		2			Service Charge - Cement	300	SKS	29853	lbs	150	45000	
583		2			Dregge	119412	Ton			100	119412	
LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.					REMIT PAYMENT TO:		SURVEY		PAGE TOTAL		AMOUNT	
MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS					SWIFT SERVICES, INC.		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE?		6909.62		7175.00	
DATE SIGNED: <u>3-25-11</u> TIME SIGNED: <u>0900</u>					P.O. BOX 466		OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE?		7.05%		265.4	
X <u>W.D. Densmore</u>					NESS CITY, KS 67560		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND <input type="checkbox"/> YES <input type="checkbox"/> NO		Norton TAX		4	

SWIFT OPERATOR: W.D. Densmore

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.

APPROVAL: _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 3-25-06 PAGE NO. 1

CUSTOMER Baroid Oil Co. WELL NO. 3-35 LEASE Eslinger Ranch, Inc JOB TYPE Cement Port Collar TICKET NO. 19432

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0845							On location w P.C tool
								Rig unloading Tbs
	0930							start Tbs + tool - P.C @ 2048'
						1000	1000	locate P.C - Tst closed & open/closed
		3					200	Release & change out Head Reelbar
						1000	1000	Re-Tst P.C closed
		3				200	200	Open P.C - Ini rate - Have blow
								Hook to Tbs - close Ann
		3	3					Start H ₂ O - Have blow 3881
		3				400	400	start SMD amt @ 11.2#/gal
		3	2					@ 2881 amt - Have good returns
		3	80			500		amt cir - 150 SKS
		3	82			600		mix 25 SKS @ 13#/gal
		3	89			600		Fin amt. Displ 7881
		3	(7)			600		Fin H ₂ O
						C	1000	Close P.C. & tst closed - OK
								RTS run 4-5 Jts tbs
		3					200	Rev out 2 flags clean
			25					Fin rev-out
	1215							Job complete
								Washup & Rackup Tbs
								Go over to old well Plugged
								and top off w/ 50 SKS SMD
								Beckman B (Phillips Co)
	1430							Thanks
								Alan, Doug & I loved

APT # 15-137-20549-00-00

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY <u>Baird Oil Company, LLC.</u>	ELEVATION
LEASE <u>Esslinger Ranch, Inc. #3-35</u>	KB <u>2347'</u>
FIELD <u>Wildcat</u>	DF <u>2345'</u>
LOCATION <u>445' ENL + 2585' FWL</u>	GL <u>2342'</u>
SEC <u>35</u> TWSP <u>3s</u> RGE <u>22W</u>	Depths Measured From
COUNTY <u>Neorton</u> STATE <u>Kansas</u>	Log <u>KB</u> Drilling <u>KB</u>
CONTRACTOR <u>WW Drilling Rig # 8</u>	CASING
SPUD <u>3-16-11</u> COMP <u>3-23-11</u>	Surface <u>8 5/8" @ 220'</u>
SAMPLES SAVED FROM <u>3300'</u> TO <u>R.T.D.</u>	Production <u>5 1/2" @ 3834'</u>
	ELECTRIC LOGS
	<u>Superior Well Services</u>

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
				●	●		
Anhydrite	2023	2025 +	322	+ 327	+ 316		
Base Anhydrite	2053	2054 +	292	+ 300	+ 287		
Topeka	3337	3339 -	992	- 987	- 997		
Heebner	3534	3538 -	1192	- 1185	- 1195		
Toronto	3560	3563 -	1216	- 1209	- 1221		
Lansing	3578	3580 -	1233	- 1226	- 1237		
Base Kansas City	3767	3770 -	1423	- 1413	- 1422		
Marmaton	3795	3798 -	1451		- 1449		
Precambrian	3823	3826 -	1479	- 1438	- 1463		
Total Depth	3844	3845 -	1498	- 1474	- 1494		

REFERENCE WELLS

A	Baird Oil Co, Esslinger Ranch #1-35, 1980' ENL + 330' FWL Sec. 35-35-22W
B	Baird Oil Co, Esslinger Ranch #2-35, 2310' ENL + 965' FWL Sec. 35-35-22W
C	
D	Port Collar @ 2047'

REMARKS

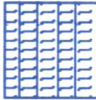
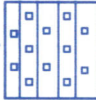
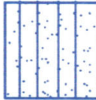


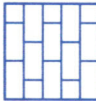

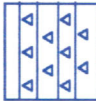
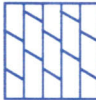
This well ran 7 feet lower to 4 feet higher on the Lansing top than the reference wells. Favorable drill stem test results warranted the cementing of production casing to further test the wells. The following zones should be tested: 3646'-3649', 3624'-3629' and 3611'-3613'

3610 - 14 Prod

Richard B. Bell
3-23-11

7502

LEGEND

- Anhydrite

- Salt

- Sandstone

- Shale

- Carb sh

- Limestone

- Ool. Lime

- Chert

- Dolomite


DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



DEPTH

2020

40

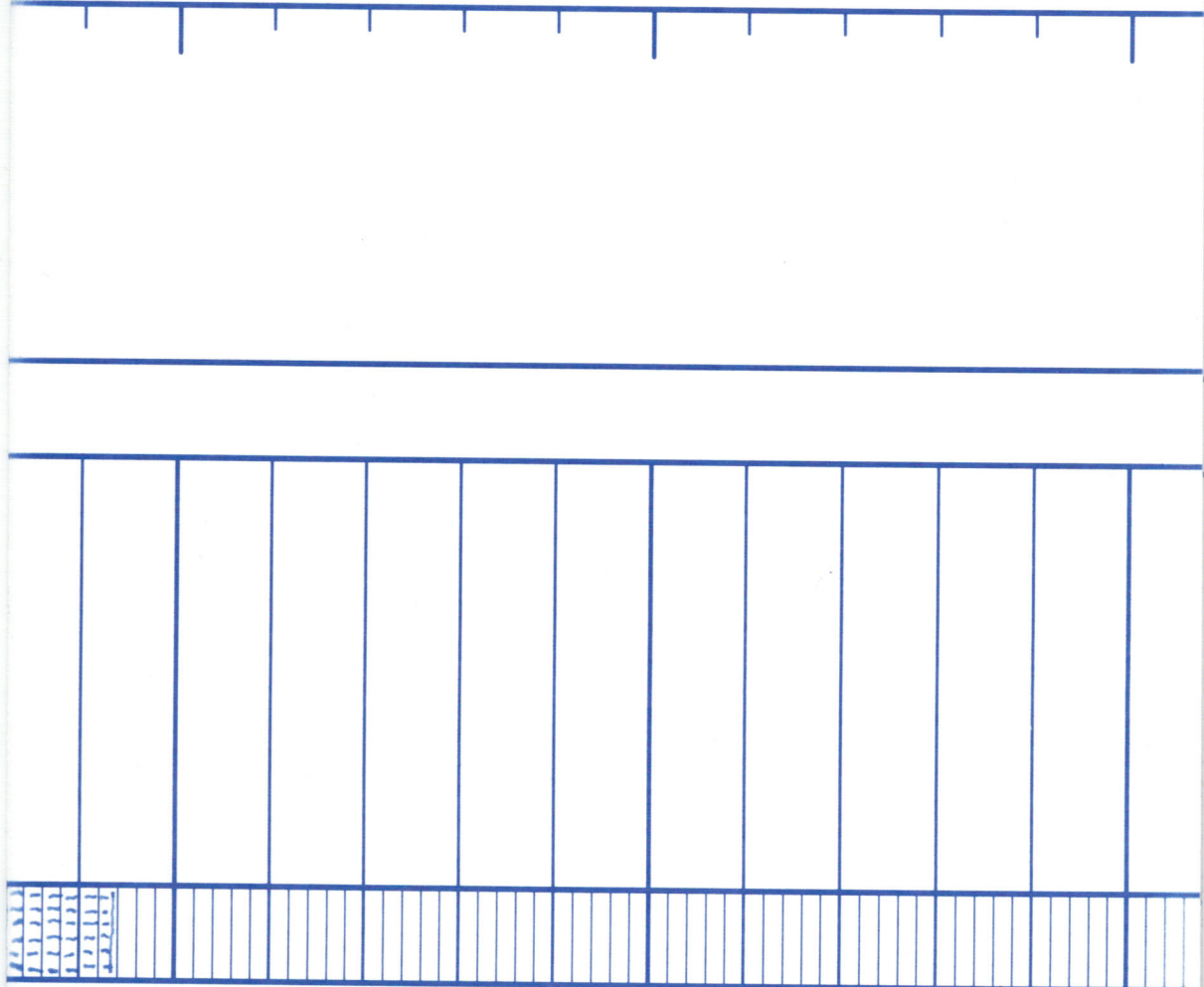
LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

LOG 7710

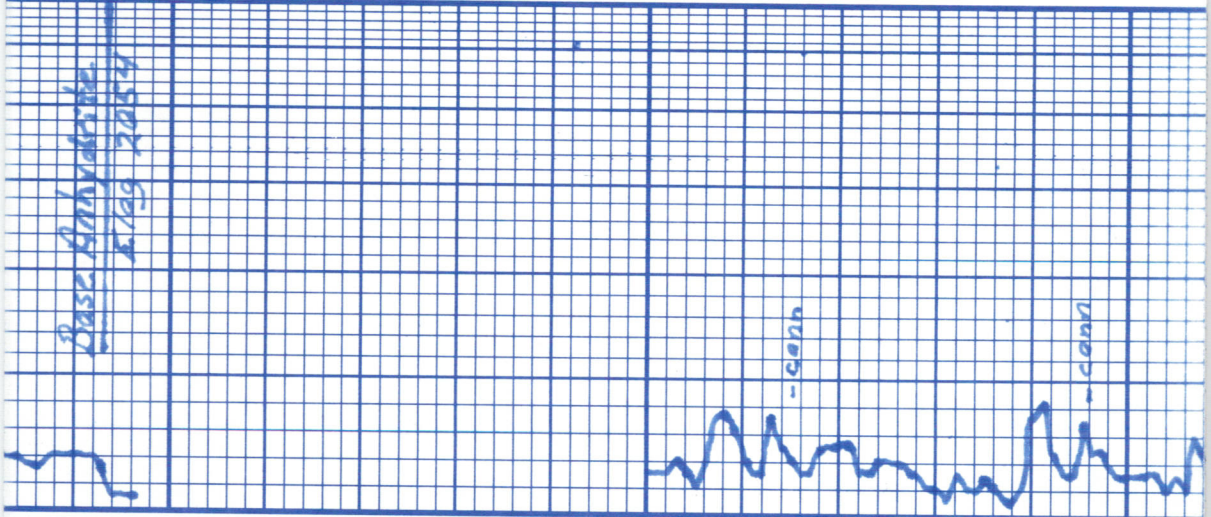


60

3150

3200

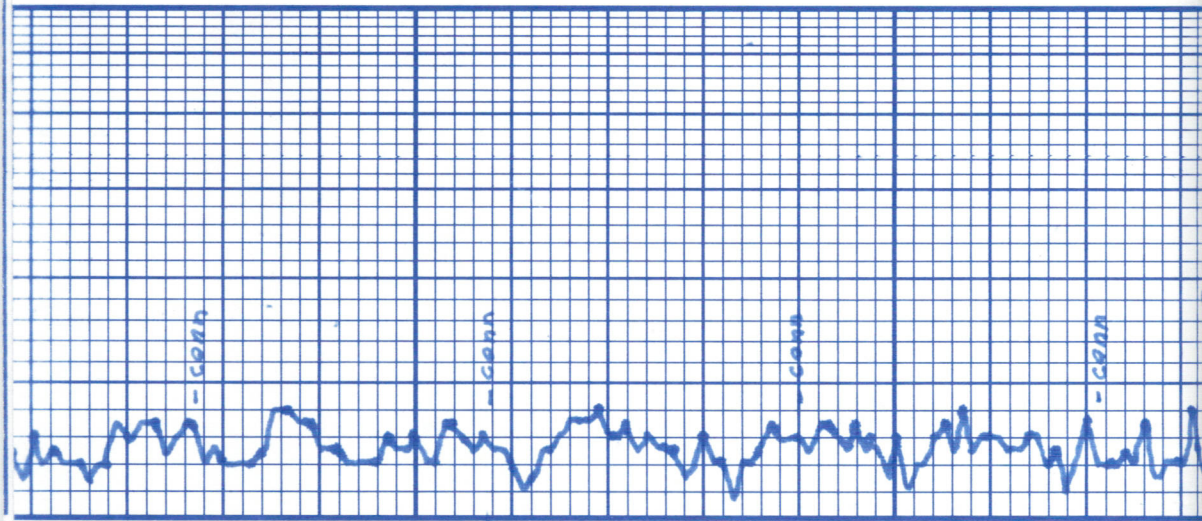
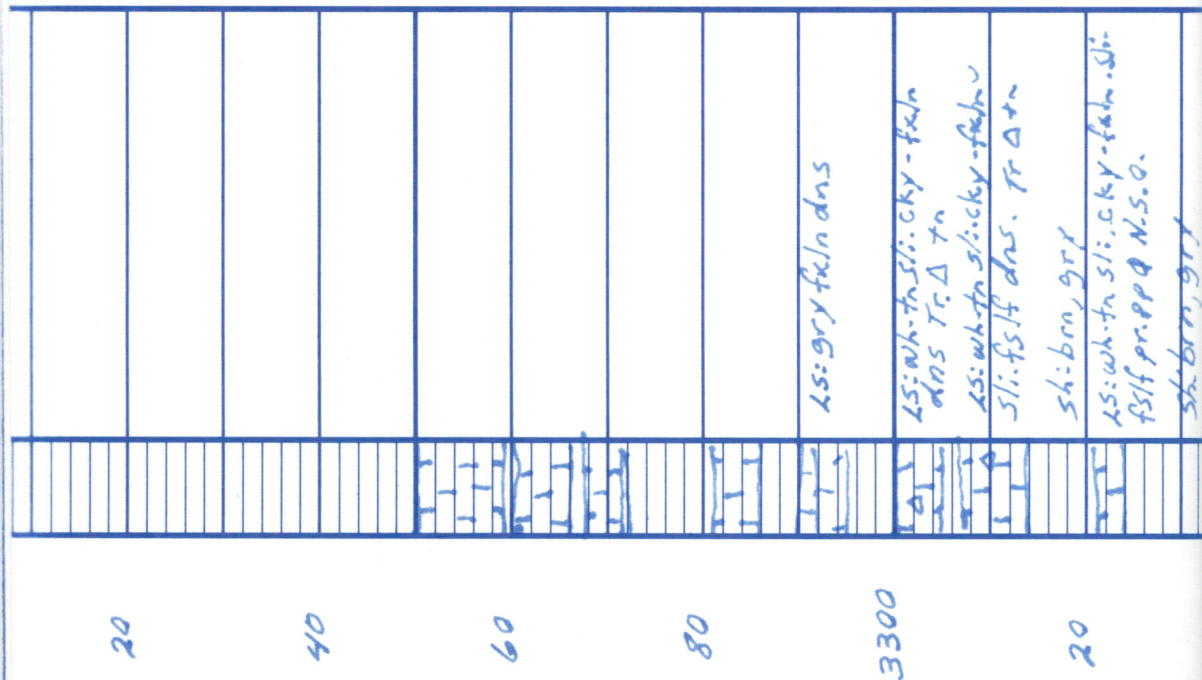
Base Anhydride
K199 2054

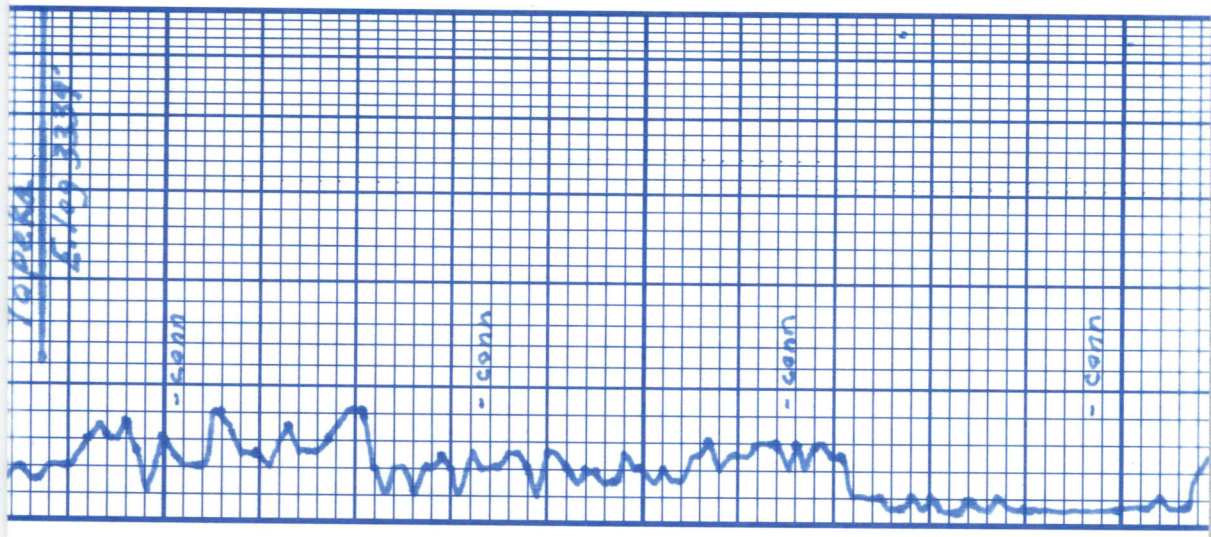


-OH

-C=O

Samples are lagged
good samples





40

60

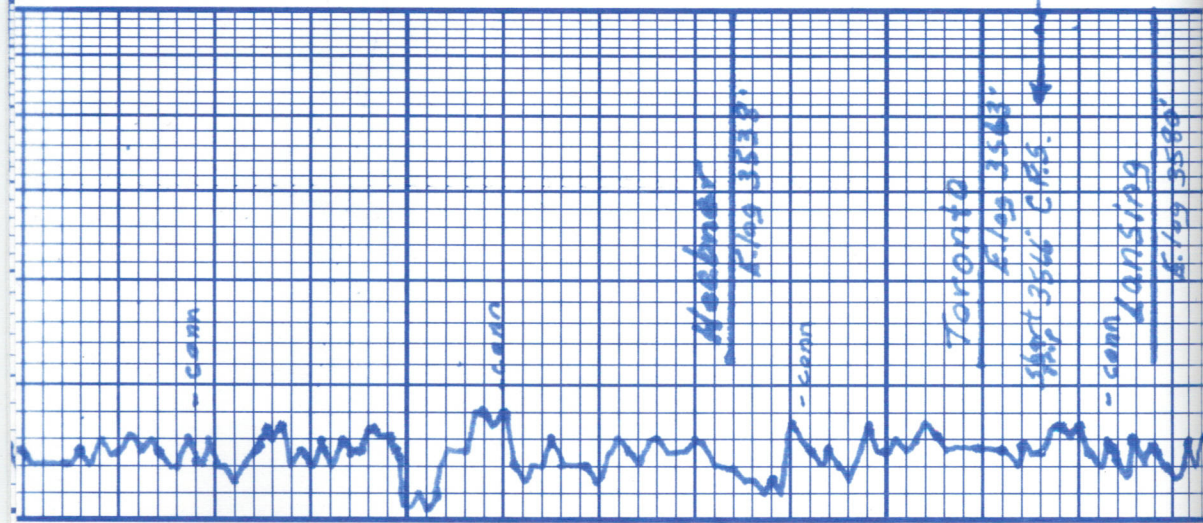
80

3400

20

40

LS: wh-tr slicky-feln sl:ool w tr. foss frags pp @ N.S.O.	LS: wh-tr slicky-feln Tr: sl:ool pp @ mostly dns Tr: Δ tr	LS: tr, feln-sli, fsl, dns	LS: wh-tr-bt, gry slicky-feln dns N.S.O. sh: brn, gry	LS: wh-tr cky-feln ool pp @ N.S.O.	LS: wh-tr cky-feln ool pp @ Tr: vgy @ N.S.O.	LS: qa. Δ wh-tr. or	LS: wh-tr cky-feln mostly dns	Soft gry sh Tr: sl:stone: gry	sh: brn slty sl:stone: brn
---	---	----------------------------	---	---------------------------------------	---	---------------------	-------------------------------	----------------------------------	-------------------------------

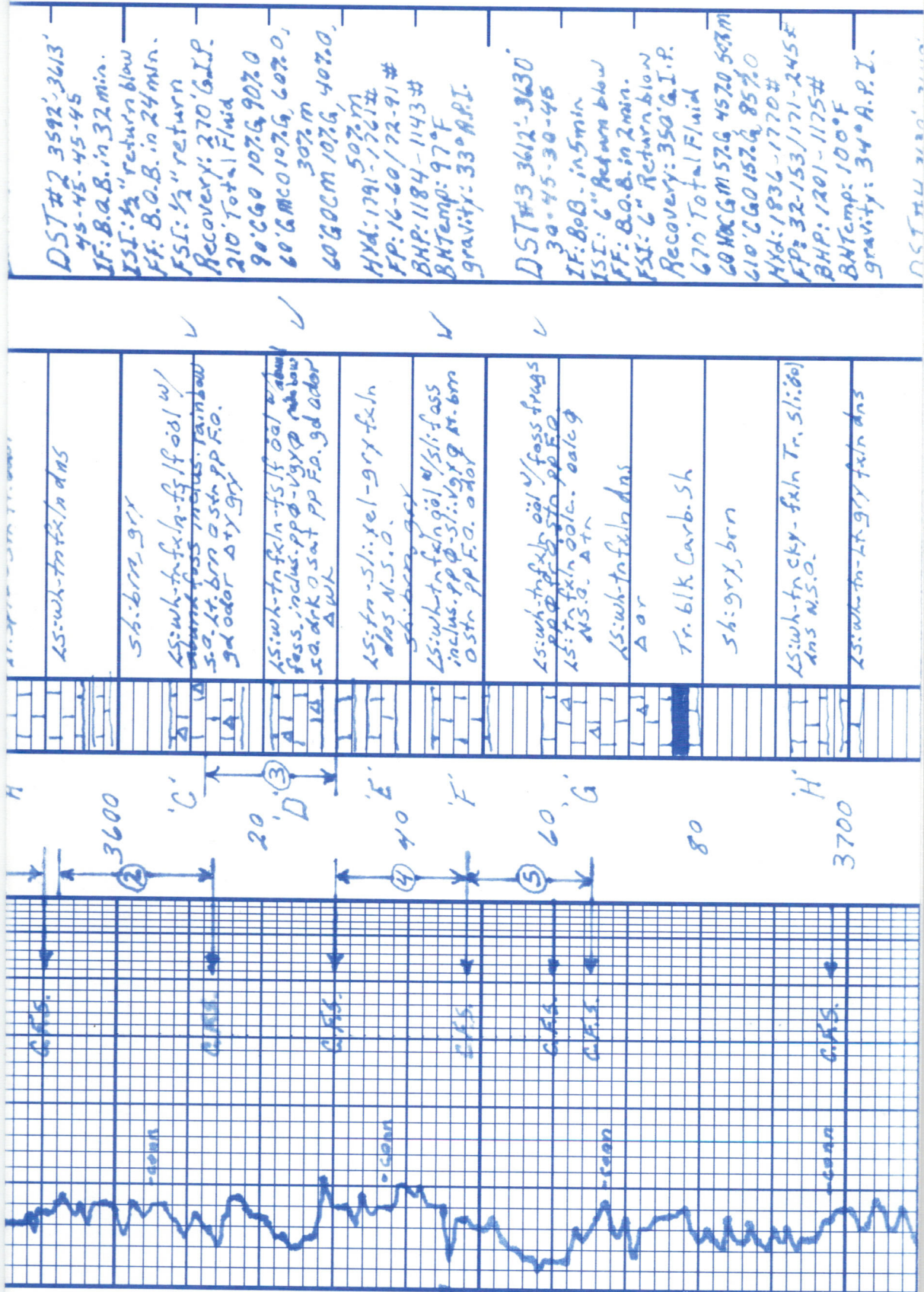


60	LS: wh-tn sl. cky-feln sh: blk pp N.S.O. A+Tn
80	Sh: brn, gry LS: tn-yel feln dns. Tr. Sh: blk Carb. LS: tn-feln dns N.S.O.
3500	LS: tn-brn feln dns Sh: brn, gry
20	LS: wh-tn-lt. gry decr. cky-feln A+Tn
40	Sh: blk Carb. LS: tn fslf dns
60	Sh: brn, gry sltstone: brn
80	LS: wh-tn feln slt slipstn pp N.S.O. A+Tn wh-tn LS: wh-tn feln slt slipstn pp F.O. on crushing

Strap 3608.59
Board 3605.74
Diff. 2.85

Trilobite Testing

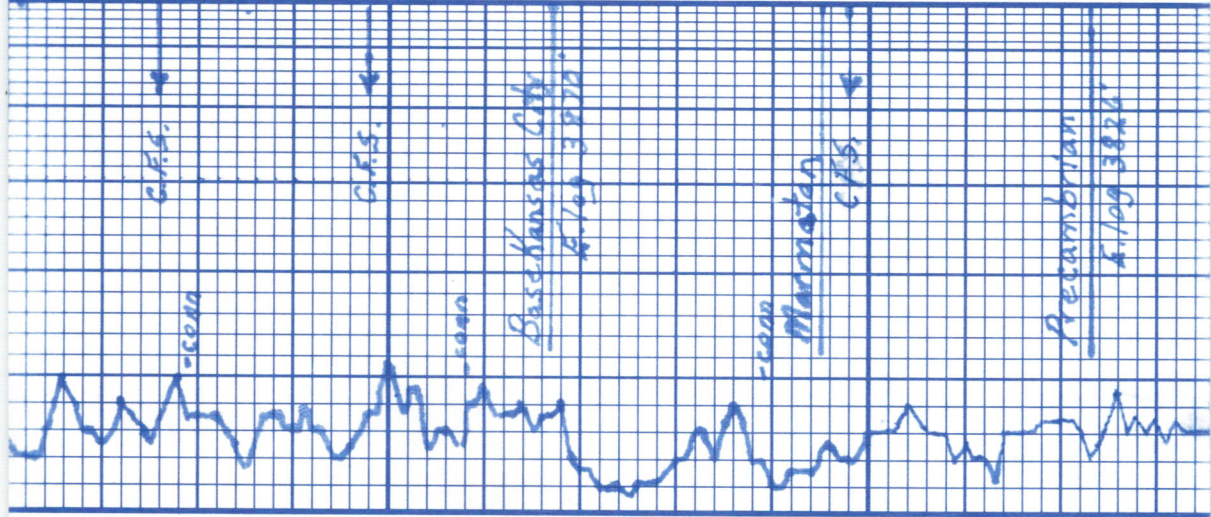
DST #1 3566-3590
45-45-45-45
IF: wkb low incr. to 2"
PF: 1/2" blow
Recovery: 70% Total
5.0:1
65.05 MW 707W 302A
MYA: 1790-1775#
FP: 13-39/44-65W
BHP: 1137-1074#
BWT: 92.0F



DST #2 3592'-3613'
 45-45-45-45
 IF: B.O.B. in 32 min.
 ISI: 1/2" return blow
 FF: B.O.B. in 24 min.
 FSI: 1/2" return
 Recovery: 270 G.I.F.
 210' Total Fluid
 90' CGO 107% 90% O
 60' G.M.C. 107% 60% O,
 30% m
 60' G.O.C.M. 107% 40% O,
 50% m
 Hyd: 1791-1761 lb
 FP: 16-60/72-91 #
 BHP: 1184-1143 #
 BNTemp: 97°F
 Gravity: 33° A.P.I.

DST #3 3612'-3630'
 30-45-30-45
 IF: B.O.B. in 5 min
 ISI: 6" Return blow
 FF: B.O.B. in 2 min.
 FSI: 6" Return blow
 Recovery: 350 G.I.F.
 670' Total Fluid
 60' H.C.G.M. 57% 4520 583 M
 610' C.G.O. 157% 85% O
 Hyd: 1836-1770 #
 FP: 32-153/171-245 #
 BHP: 1201-1175 #
 BNTemp: 100°F
 Gravity: 34° A.P.I.

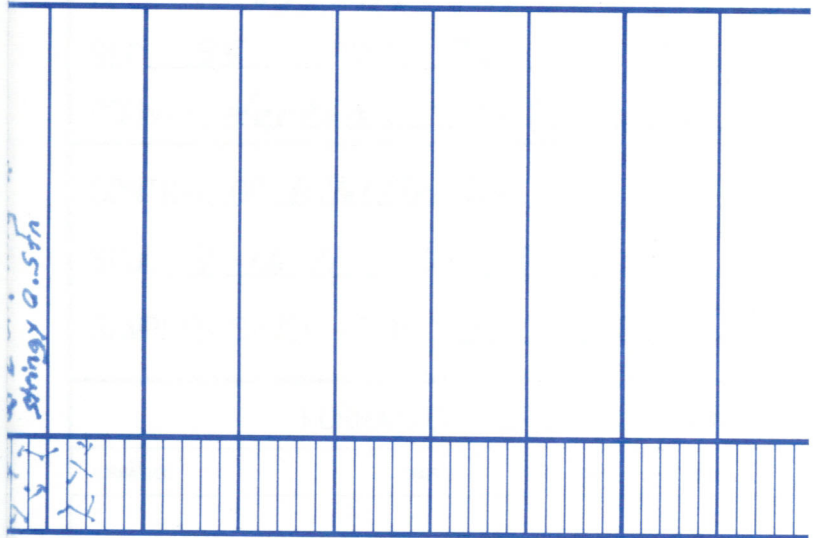
DST #4 3120'-3140'



I	20	LS: wh-trn sli.cky-faln dns N.S.O.
J	40	shly: brn shty LS: wh-trn sli.cky-faln dns N.S.O.
K	60	shly: brn LS: wh-trn sli.cky-faln dns N.S.O.
L	80	shly: brn LS: wh-trn sli.cky-faln dns N.S.O.
	3800	LS: wh-trn sli.cky-faln dns N.S.O.
	20	LS: wh-trn sli.cky-faln dns N.S.O.

DST #5 3648-3665
 30-30-0-0
 IF: wk 1/4" blow
 Recovery: 10.50cm
 5% O, 95% M
 Hyd: 1798-1711#
 FP: 12-17#
 BHP: 394#
 BH Temp: 94°F

2007



40

