



KANSAS CORPORATION COMMISSION 1101561
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 # 5145
Name: Dreiling Oil Inc
Address 1: 1008 CODY AVE
Address 2: PO BOX 550
City: HAYS State: KS Zip: 67601 + 2431
Contact Person: Terry W. Piesker
Phone: (785) 625-8327
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Bill Ree
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
 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>06/20/2012</u>	<u>06/25/2012</u>	<u>06/25/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-141-20448-00-00
Spot Description: 10' S
S2 SW NW NE Sec. 4 Twp. 9 S. R. 12 East West
1000 Feet from North / South Line of Section
2310 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Osborne
Lease Name: CORPSTEIN Well #: 1-4
Field Name: _____
Producing Formation: None
Elevation: Ground: 1644 Kelly Bushing: 1649
Total Depth: 3606 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 221 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: 17000 ppm Fluid volume: 420 bbls
Dewatering method used: Evaporated
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: Deanna Garrison Date: 12/14/2012

1101561

Operator Name: Dreiling Oil Inc Lease Name: CORPSTEIN Well #: 1-4
 Sec. 4 Twp. 9 S. R. 12 East West County: Osborne

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 Wireline 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: Attached	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>770</td> <td>+879</td> </tr> <tr> <td>Topeka</td> <td>2592</td> <td>-943</td> </tr> <tr> <td>Heebner</td> <td>2818</td> <td>-1169</td> </tr> <tr> <td>Toronto</td> <td>2844</td> <td>-1195</td> </tr> <tr> <td>Lansing-Kansas City</td> <td>2874</td> <td>-1225</td> </tr> </table>	Name	Top	Datum	Anhydrite	770	+879	Topeka	2592	-943	Heebner	2818	-1169	Toronto	2844	-1195	Lansing-Kansas City	2874	-1225
Name	Top	Datum																	
Anhydrite	770	+879																	
Topeka	2592	-943																	
Heebner	2818	-1169																	
Toronto	2844	-1195																	
Lansing-Kansas City	2874	-1225																	

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
Surface	12.25	8.625	23	221	Common	150	3%CC, 2%Gel

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: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ P and A
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Form	ACO1 - Well Completion
Operator	Dreiling Oil Inc
Well Name	CORPSTEIN 1-4
Doc ID	1101561

All Electric Logs Run

Dual Induction
Neutron/Density
Micro
Sonic

ALLIED OIL & GAS SERVICES, LLC 056155

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE <u>6/15/15</u>	SEC. <u>4</u>	TWP. <u>9S</u>	RANGE <u>12</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Corpsman</u>	WELL # <u>1-4</u>		LOCATION <u>Wagon 1 NW 1/4 Sec 17 N</u>	<u>17 N</u>	<u>17 W</u>	COUNTY <u>Osage</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)			<u>5.00</u>				

CONTRACTOR W W #1

TYPE OF JOB R Plug

HOLE SIZE 7" T.D. 300'

CASING SIZE 5 1/2" DEPTH 200'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT AMOUNT ORDERED 205 yd W/W 47.6 gal

4 # flow joint

COMMON	<u>123</u>	@	<u>16.25</u>	<u>1995.75</u>
POZMIX	<u>52</u>	@	<u>8.50</u>	<u>691.00</u>
GEL	<u>5</u>	@	<u>21.25</u>	<u>106.25</u>
CHLORIDE		@		
ASC		@		
<u>flow joint</u>	<u>2</u>	@	<u>2.70</u>	<u>5.40</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>215</u>	@	<u>2.25</u>	<u>483.75</u>
MILEAGE	<u>9.00</u>	@	<u>.11</u>	<u>9.90</u>
			TOTAL	<u>4430.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Yard

409 HELPER Yard

BULK TRUCK DRIVER Robert

781 DRIVER

BULK TRUCK DRIVER

#

REMARKS:

Flow joint at 175' mix 25% cement
200' to 300' flow joint. 200' to 300' flow joint
mix 10% cement. 200' to 300' flow joint
mix 10% cement. 200' to 300' flow joint
mix 10% cement. 200' to 300' flow joint
100% plug out like 300'

Thanks!

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>125.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>MILV 40</u>	@	<u>7.00</u> <u>280.00</u>
MANIFOLD	@	
<u>MILV 40</u>	@	<u>4.00</u> <u>160.00</u>
	@	
		TOTAL <u>1690.00</u>

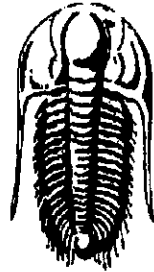
CHARGE TO: Burke Oil

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>5/8" 10' wooden plug</u>	@	<u>64.00</u>
	@	



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Inc**
PO Box 550
Hays KS 67601-0550

ATTN: Terry Peisker

Corpstein #1-4

4-9s-12w Osborne,KS

Start Date: 2012.06.23 @ 11:10:09

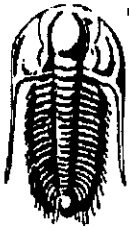
End Date: 2012.06.23 @ 16:38:33

Job Ticket #: 47175 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.06.27 @ 14:43:43

Dreiling Oil Inc
4-9s-12w Osborne,KS
Corpstein #1-4
DST # 1
LKC A-B
2012.06.23



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Drilling Oil Inc
PO Box 550
Hays KS 67601-0550
ATTN: Terry Peisker

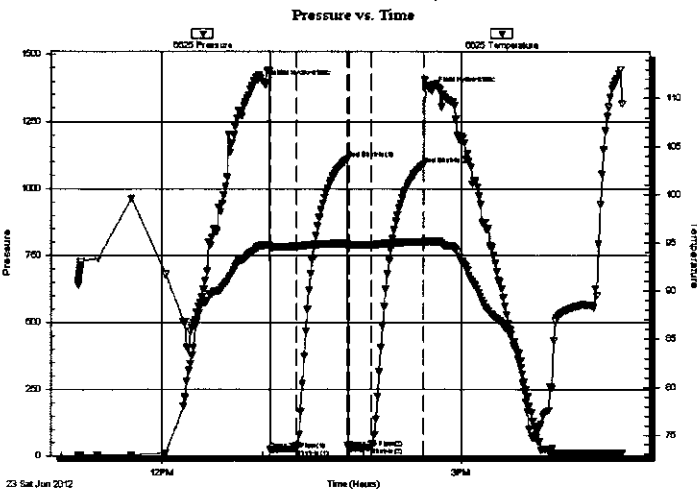
4-9s-12w Osborne, KS
Corpstein #1-4
Job Ticket: 47175 **DST#: 1**
Test Start: 2012.06.23 @ 11:10:09

GENERAL INFORMATION:

Formation: **LKC A-B**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:04:34
Time Test Ended: 16:38:33
Interval: **2862.00 ft (KB) To 2928.00 ft (KB) (TVD)**
Total Depth: 2928.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Ray Schwager
Unit No: 42
Reference Elevations: 1649.00 ft (KB)
1641.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6625 **Inside**
Press@RunDepth: 30.77 psig @ 2868.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.06.23 End Date: 2012.06.23 Last Calib.: 2012.06.23
Start Time: 11:10:09 End Time: 16:38:33 Time On Btm: 2012.06.23 @ 13:01:04
Time Off Btm: 2012.06.23 @ 14:41:34

TEST COMMENT: 15-IFP-surface bl, died in 10 min
30-ISIP-no bl
15-FFP-no bl
30-FSIP-no bl



PRESSURE SUMMARY

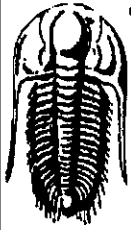
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1392.60	94.73	Initial Hydro-static
4	22.14	94.55	Open To Flow (1)
19	24.51	94.61	Shut-In(1)
49	1108.67	94.93	End Shut-In(1)
50	28.07	94.74	Open To Flow (2)
64	30.77	94.76	Shut-In(2)
96	1089.51	95.05	End Shut-In(2)
101	1364.79	95.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w/show of oil	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Drilling Oil Inc
PO Box 550
Hays KS 67601-0550
ATTN: Terry Peisker

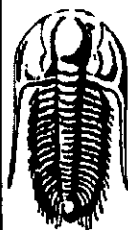
4-9s-12w Osborne,KS
Corpstein #1-4
Job Ticket: 47175 **DST#: 1**
Test Start: 2012.06.23 @ 11:10:09

Tool Information

Drill Pipe:	Length: 2728.00 ft	Diameter: 3.80 inches	Volume: 38.27 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 38.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	2862.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	87.00 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			2842.00	
Shut In Tool	5.00			2847.00	
Hydraulic tool	5.00			2852.00	
Packer	5.00			2857.00	21.00 Bottom Of Top Packer
Packer	5.00			2862.00	
Stubb	1.00			2863.00	
Perforations	5.00			2868.00	
Recorder	0.00	6625	Inside	2868.00	
Recorder	0.00	8700	Outside	2868.00	
Blank Spacing	32.00			2900.00	
Perforations	25.00			2925.00	
Bullnose	3.00			2928.00	66.00 Bottom Packers & Anchor

Total Tool Length: 87.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Drilling Oil Inc
PO Box 550
Hays KS 67601-0550
ATTN: Terry Peisker

4-9s-12w Osborne,KS
Corpstein #1-4
Job Ticket: 47175 **DST#: 1**
Test Start: 2012.06.23 @ 11:10:09

Mud and Cushion Information

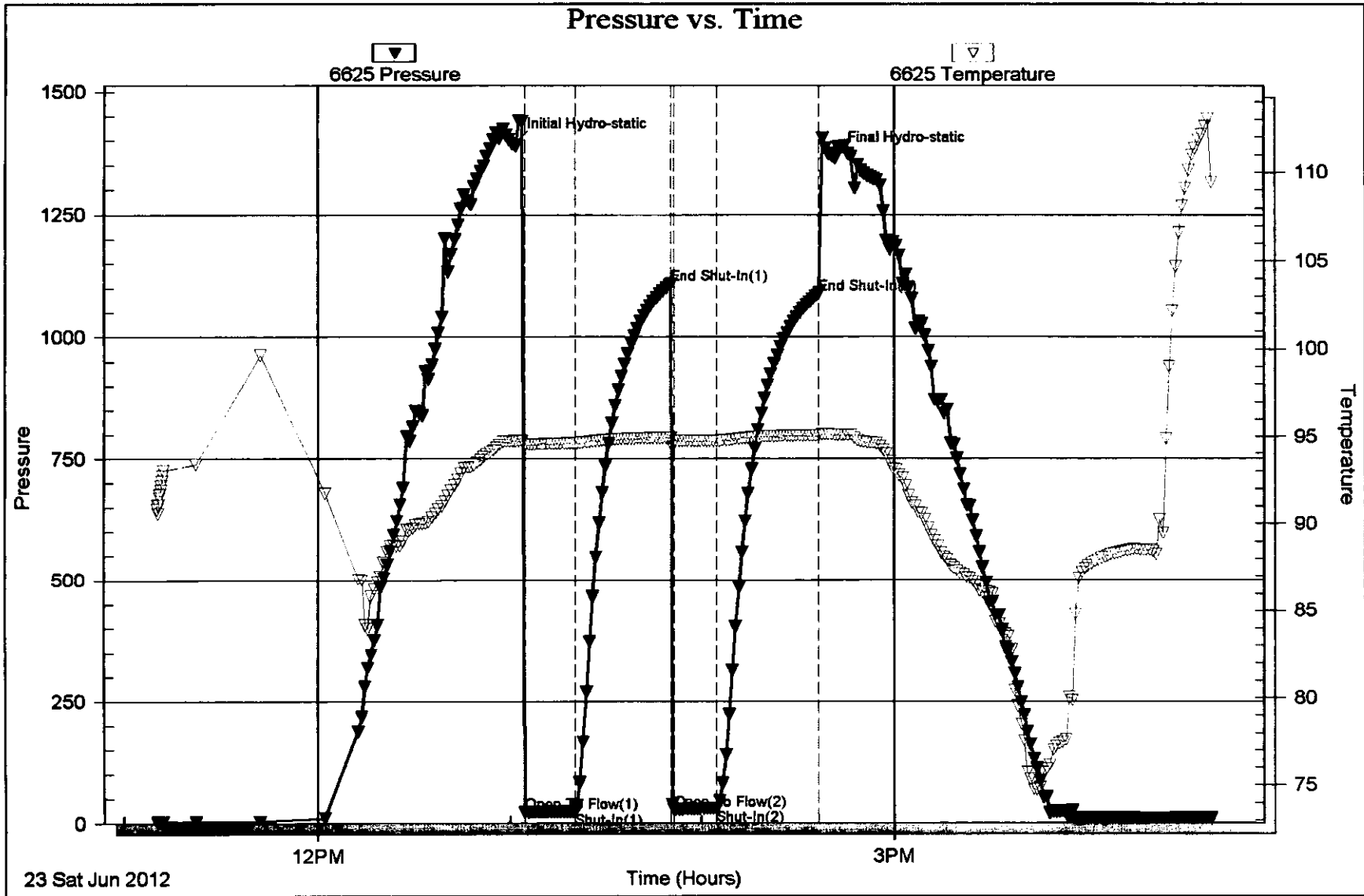
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.53 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

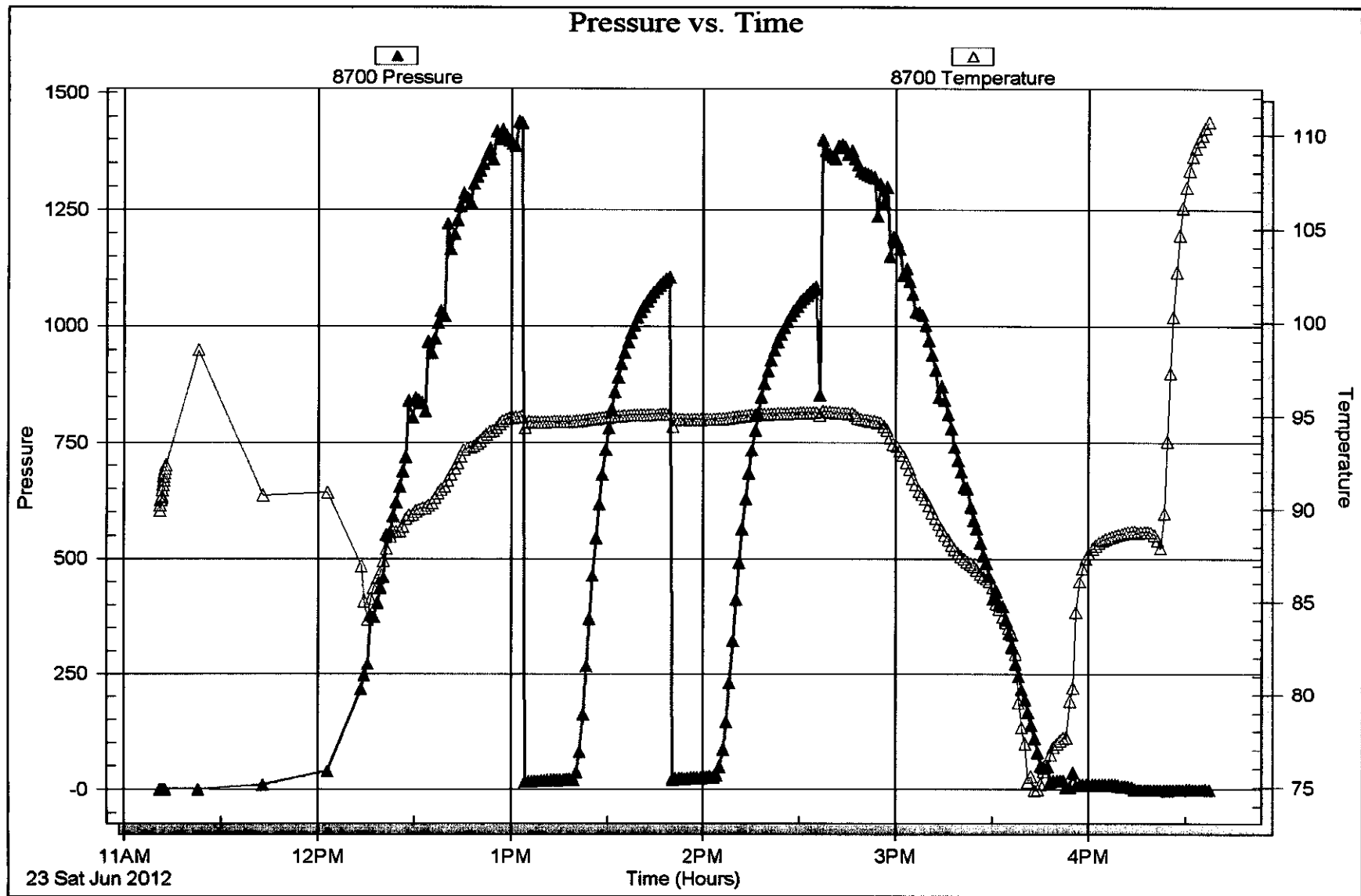
Recovery Information

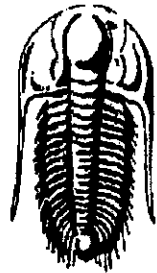
Recovery Table

Length ft	Description	Volume bbl
10.00	Mud w/show of oil	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:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Inc**

PO Box 550
Hays KS 67601-0550

ATTN: Terry Peisker

Corpstein #1-4

4-9s-12w Osborne,KS

Start Date: 2012.06.23 @ 22:51:04

End Date: 2012.06.24 @ 05:46:58

Job Ticket #: 47426 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.06.27 @ 14:42:14

Dreiling Oil Inc

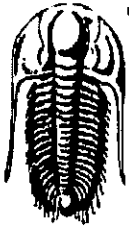
4-9s-12w Osborne,KS

Corpstein #1-4

DST # 2

LKC C

2012.06.23



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Drilling Oil Inc
PO Box 550
Hays KS 67601-0550
ATTN: Terry Peisker

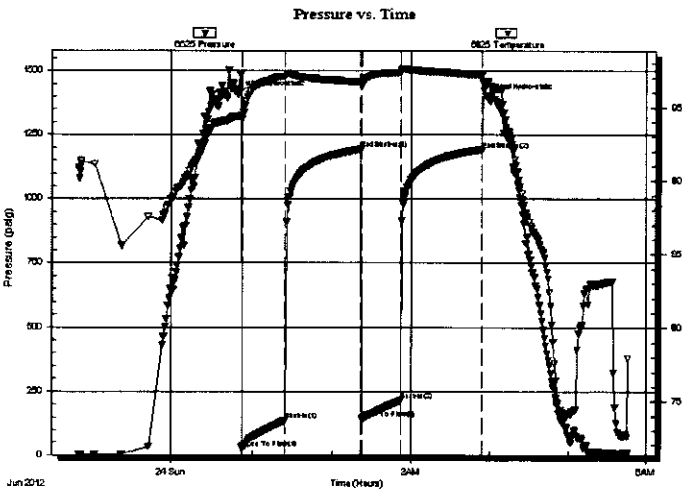
4-9s-12w Osborne, KS
Corpstein #1-4
Job Ticket: 47426 **DST#: 2**
Test Start: 2012.06.23 @ 22:51:04

GENERAL INFORMATION:

Formation: **LKC C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:51:59
Time Test Ended: 05:46:58
Interval: **2930.00 ft (KB) To 2946.00 ft (KB) (TVD)**
Total Depth: 2946.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Ray Schwager
Unit No: 42
Reference Elevations: 1649.00 ft (KB)
1641.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6625 Inside
Press@RunDepth: 214.48 psig @ 2931.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.06.23 End Date: 2012.06.24 Last Calib.: 2012.06.24
Start Time: 22:51:04 End Time: 05:46:58 Time On Btm: 2012.06.24 @ 00:49:29
Time Off Btm: 2012.06.24 @ 03:58:28

TEST COMMENT: 30-IFP-w k to strg in 16 min
60-ISIP-no bl bk
30-FFP-w k to strg in 18 min
60-FSIP-no bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1407.22	94.40	Initial Hydro-static
3	27.34	94.18	Open To Flow (1)
35	136.34	97.12	Shut-in(1)
92	1193.42	96.73	End Shut-in(1)
93	144.32	96.52	Open To Flow (2)
122	214.48	97.39	Shut-in(2)
185	1192.75	97.22	End Shut-in(2)
189	1394.85	96.80	Final Hydro-static

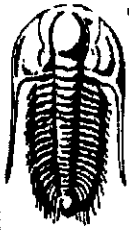
Recovery

Length (ft)	Description	Volume (bbl)
360.00	Water	3.96
30.00	Water w/scum of oil	0.42

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Drilling Oil Inc
PO Box 550
Hays KS 67601-0550
ATTN: Terry Peisker

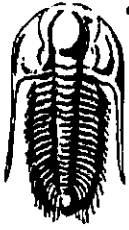
4-9s-12w Osborne,KS
Corpstein #1-4
Job Ticket: 47426 **DST#:2**
Test Start: 2012.06.23 @ 22:51:04

Tool Information

Drill Pipe:	Length: 2816.00 ft	Diameter: 3.80 inches	Volume: 39.50 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 40.09 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	2930.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 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			2910.00	
Shut In Tool	5.00			2915.00	
Hydraulic tool	5.00			2920.00	
Packer	5.00			2925.00	21.00 Bottom Of Top Packer
Packer	5.00			2930.00	
Stubb	1.00			2931.00	
Recorder	0.00	6625	Inside	2931.00	
Recorder	0.00	8700	Outside	2931.00	
Perforations	12.00			2943.00	
Bullnose	3.00			2946.00	16.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Drilling Oil Inc
PO Box 550
Hays KS 67601-0550
ATTN: Terry Peisker

4-9s-12w Osborne,KS
Corpstein #1-4
Job Ticket: 47426 **DST#: 2**
Test Start: 2012.06.23 @ 22:51:04

Mud and Cushion Information

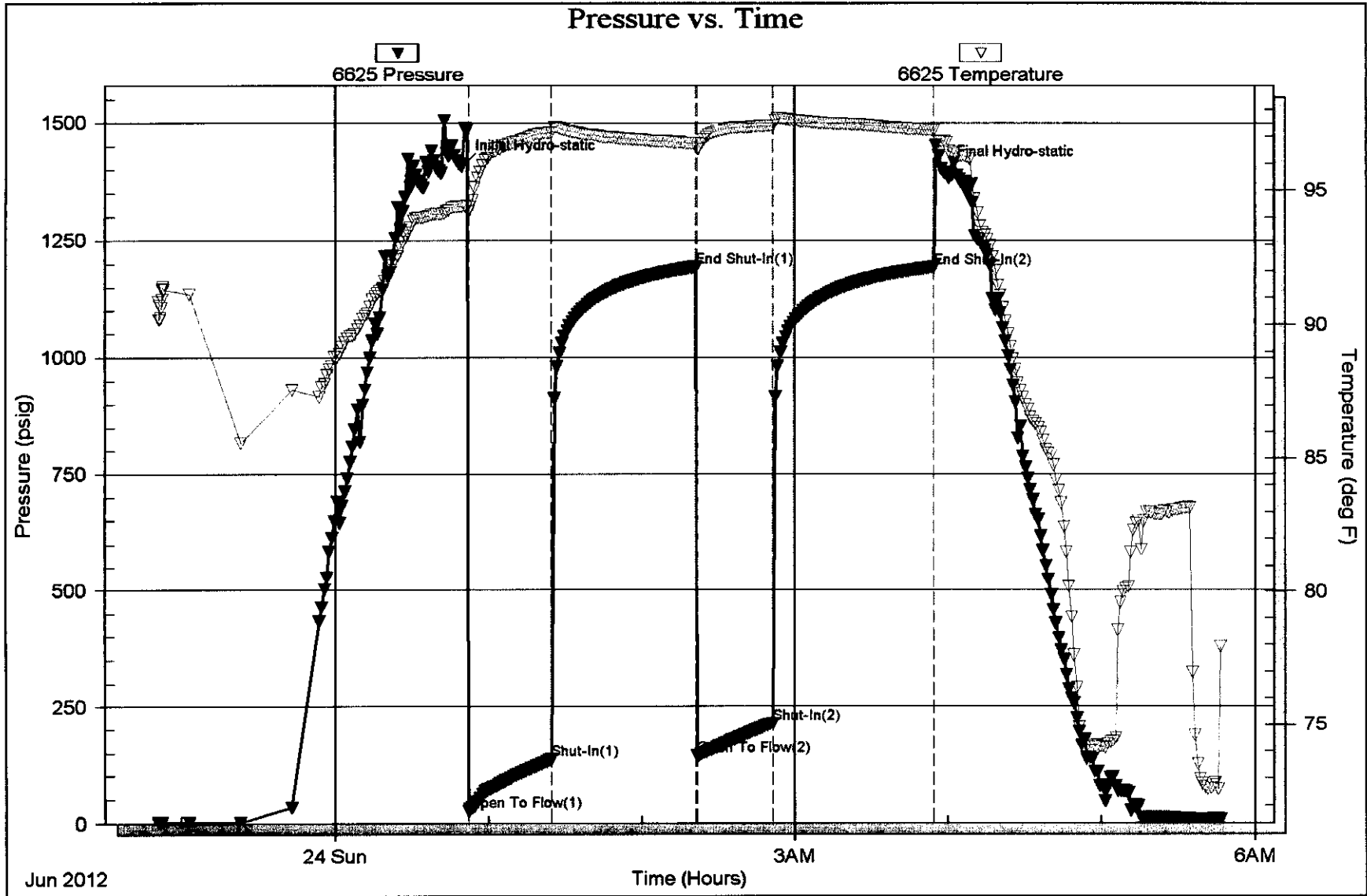
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	96000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.51 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

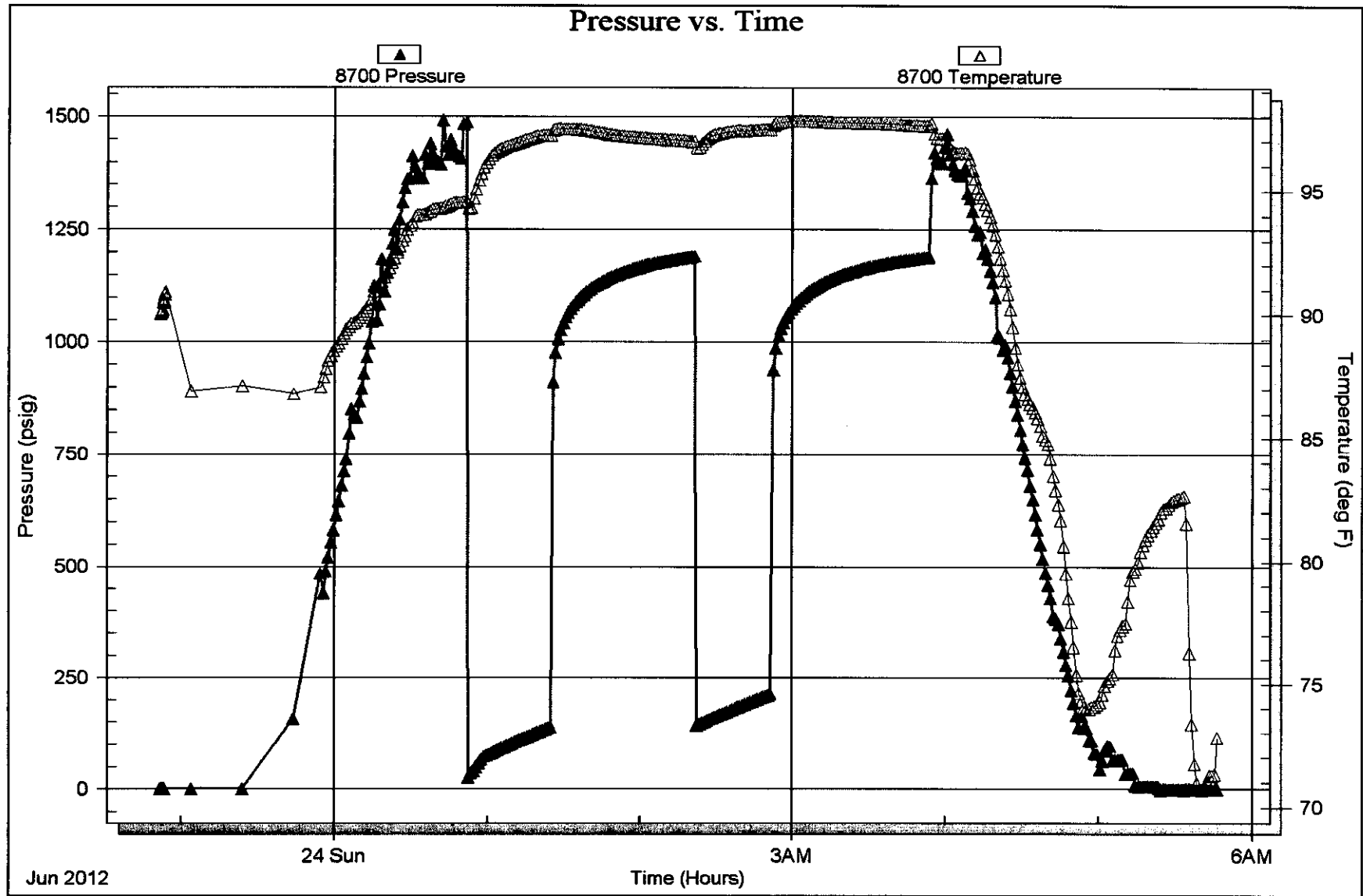
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	Water	3.957
30.00	Water w /scum of oil	0.421

Total Length: 390.00 ft Total Volume: 4.378 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .07@78F







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47175

Well Name & No. CorpsTein #1-4 Test No. 1 Date 6-23-12
 Company Orteling Oil Inc Elevation 1649 KB 1641 GL
 Address P O Box 550 Hays, Ks 67601-0550
 Co. Rep / Geo. _____ Rig WU rig 12
 Location: Sec. 4 Twp. 9^s Rge. 12^w Co. Osborne State Ks

Interval Tested 2862-2928 Zone Tested LKC A-B
 Anchor Length 66 Drill Pipe Run 2728 Mud Wt. 9.2
 Top Packer Depth 2857 Drill Collars Run 120 Vis 55
 Bottom Packer Depth 2862 Wt. Pipe Run - WL 9.6
 Total Depth 2928 Chlorides 5000 ppm System LCM -

Blow Description IFP - surface Blow, died in 10 min
ISTP - NO Blow
FFP - NO Blow
FSTP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>mud w/ show of oil</u>				
_____	_____				
_____	_____				
_____	_____				
_____	_____				

Rec Total 10 BHT 95 Gravity - API RW - @ - °F Chlorides - ppm
 (A) Initial Hydrostatic 1392 Test 1150 T-On Location 0900
 (B) First Initial Flow 22 Jars _____ T-Started 1110
 (C) First Final Flow 24 Safety Joint _____ T-Open 1305
 (D) Initial Shut-In 1108 Circ Sub _____ T-Pulled 1435
 (E) Second Initial Flow 28 Hourly Standby _____ T-Out 1638
 (F) Second Final Flow 30 Mileage 130 RT 201.50 Comments metal
 (G) Final Shut-In 1089 Sampler _____
 (H) Final Hydrostatic 1364 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Recorder _____
 Extra Copies _____

Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30
 Sub Total 1351.50
 Total 1351.50
 MP/DST Disc't _____

Approved By Bill Reep Our Representative Ray Schwaner Thank you

Triobite Testing Inc. shall not be liable for damaged of any kind of 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 statements of opinion concerning the results 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47426

Well Name & No. Corpstein #1-4 Test No. 2 Date 6-23-12
 Company DREILING OIL INC Elevation 1649 KB 1641 GL
 Address PO Box 550 HAY, Ks 67601
 Co. Rep / Geo. Bill Ree Rig WW rig 12
 Location: Sec. 4 Twp. 9^s Rge. 12^w Co. Osborne State Ks

Interval Tested 2930 - 2946 Zone Tested LKC C
 Anchor Length 16 Drill Pipe Run 2816 Mud Wt. 9.3
 Top Packer Depth 2925 Drill Collars Run 120 Vis 5.2
 Bottom Packer Depth 2930 Wt. Pipe Run - WL 9.6
 Total Depth 2946 Chlorides 5000 ppm System LCM 2#

Blow Description IFP - WEAK TO A STRONG BLOW IN 16 MIN
ISIP - NO BLOW
FFP - WEAK TO A STRONG BLOW IN 18 MIN
FSTP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>WATER w/sum of oil</u>				
<u>360</u>	<u>WATER</u>				

Rec Total 390 BHT 97 Gravity - API RW .07 @ 78 °F Chlorides 96000 ppm
 Test 1150
 Jars
 Safety Joint
 Circ Sub
 Hourly Standby
 Mileage 201.50 x 2 403
 Sampler
 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 1553

T-On Location 2150
 T-Started 2250
 T-Open 0055
 T-Pulled 0355
 T-Out 0546 24th
 Comments motel 6-24-12
Loaded Tool 1500
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1553
 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

Approved By _____

Our Representative Ray Schwager Thank you

Triobite Testing Inc. shall not be liable for damaged or any kind of 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 statements or opinion concerning the results 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.

GEOLOGICAL REPORT

DRILLING TIME
AND
SAMPLE LOG

COMPANY Drilling Oil, Inc.

LEASE Corstein WELL NO. 1-4

FIELD Wildcat

LOCATION 1000' FNL & 2310' FEEL

SEC. 4 TWP. 9 S. RGE. 12 W.

COUNTY Osborne State Kansas

CONTRACTOR WW Drig RIG NO. 12

COMMENCED DRILLING 6/20/12

COMPLETED DRILLING 6/26/12

RDT 3610 FEET LTD. 3606 FEET

MUD SP AT 2200 FEET MUD TYPE Chemical

ELEVATIONS

KB 1649 FEET

DF _____ FEET

GL 1641 FEET

MEASUREMENTS ARE ALL FROM KB

CASING

8 5/8" @ 222'

4 1/2" @ 58'

D & A

ELECTRICAL SURVEYS
GDL/CNL
DIL
MEL

SAMPLES SAVED FROM 2300 FEET TO RCD 3610 FEET

DRILLING TIME KEPT FROM 2300 FEET TO _____ FEET

SAMPLES EXAMINED FROM 2300 FEET TO _____ FEET

GEOLOGICAL SUPERVISION FROM 2300 FEET TO _____ FEET

GEOLOGIST: Bill Ree










DRILL STEM TESTING BY Trilobite Testing

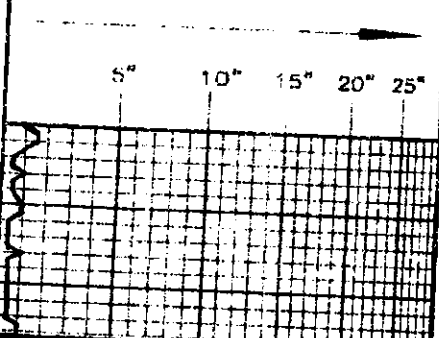

GAS DETECTOR MBC Hot Wire & Chromatograph

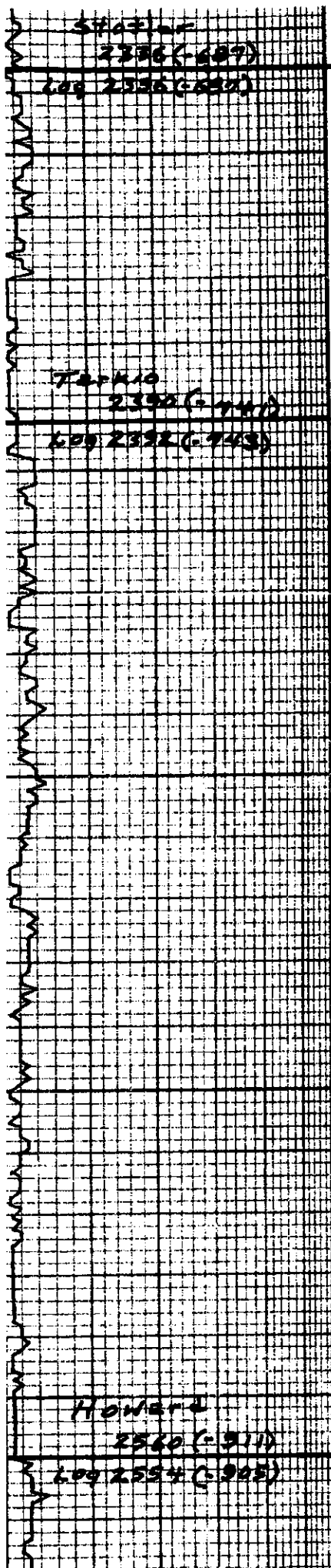
REMARKS: It was recommended this well be plugged & abandoned after drillstem testing the lensing "A", "B", and "C" zones with negative results. Of particular interest was the "C" zone which had a show of free oil in samples & an DST. A gas structure nearby would probably result in an oil well.

LEGEND

Bill Ree

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

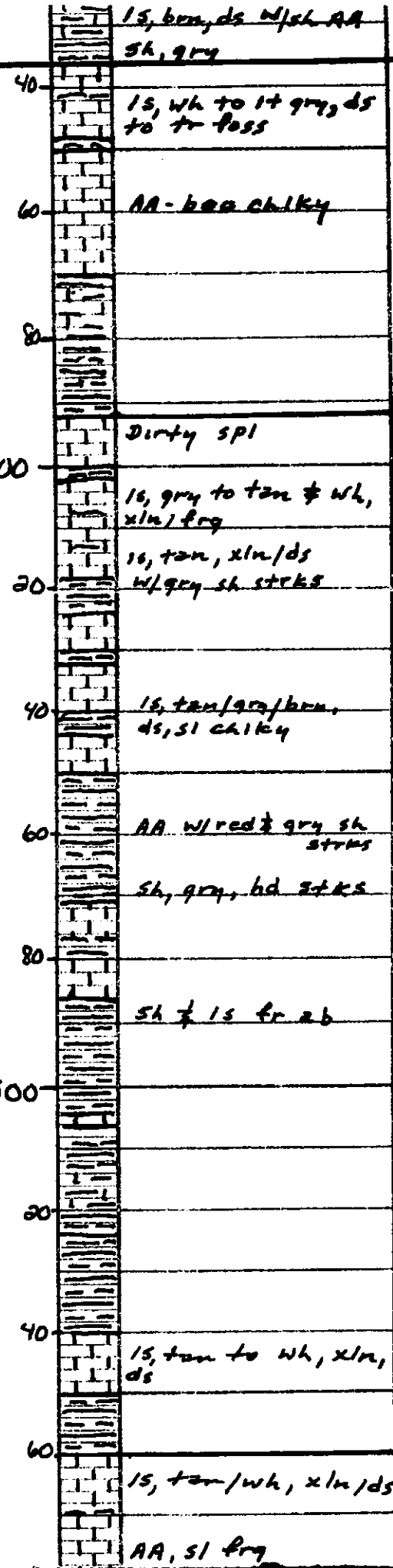
DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
	<p>2300</p> <p>20</p>		<p>16, gray, ls w/gray sh</p>		<p>Anhy 770 (+84)B R/Log</p>



Station
2386 (-689)
Log 2386 (689)

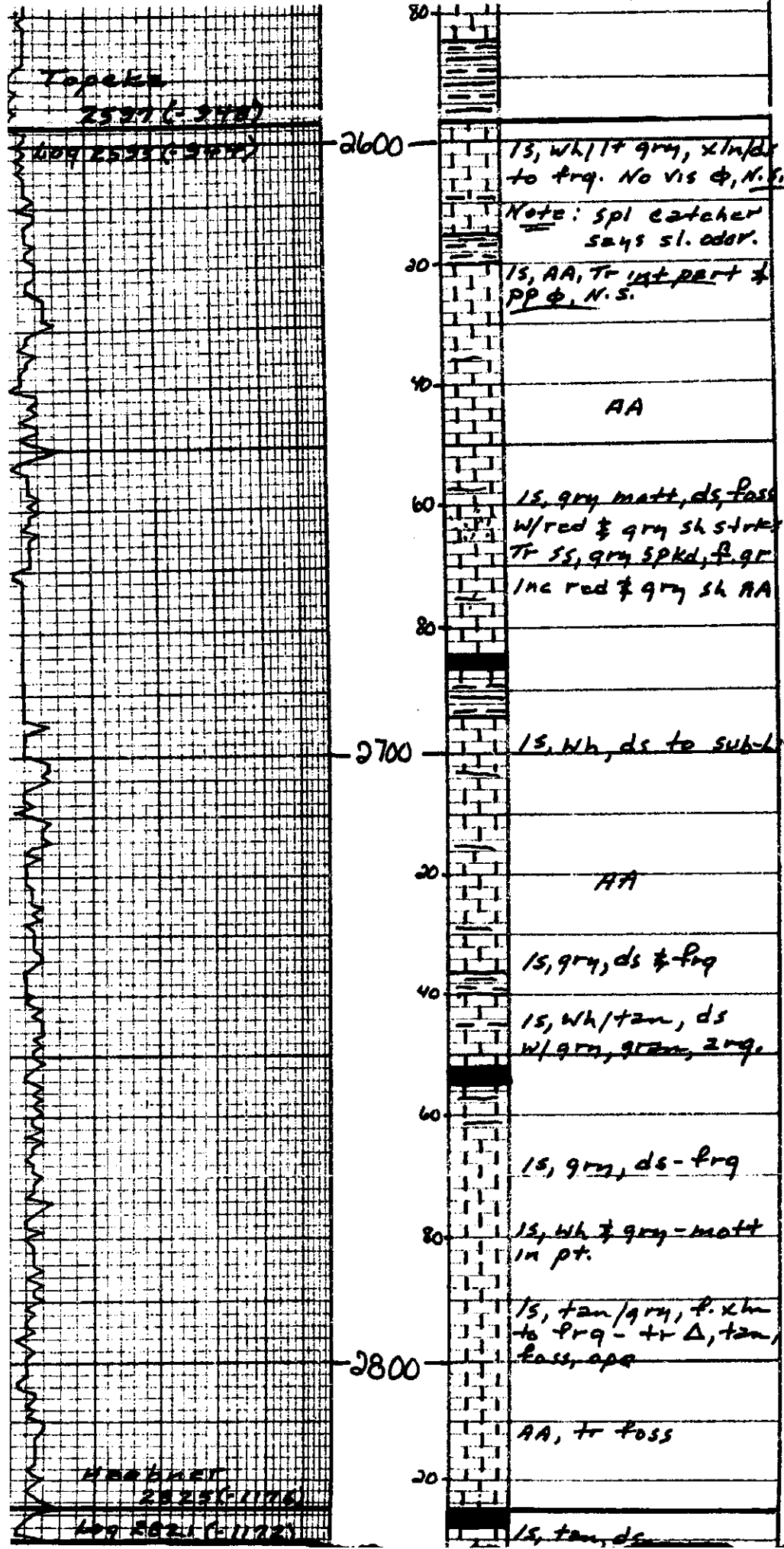
Tarkio
2392 (-740)
Log 2392 (743)

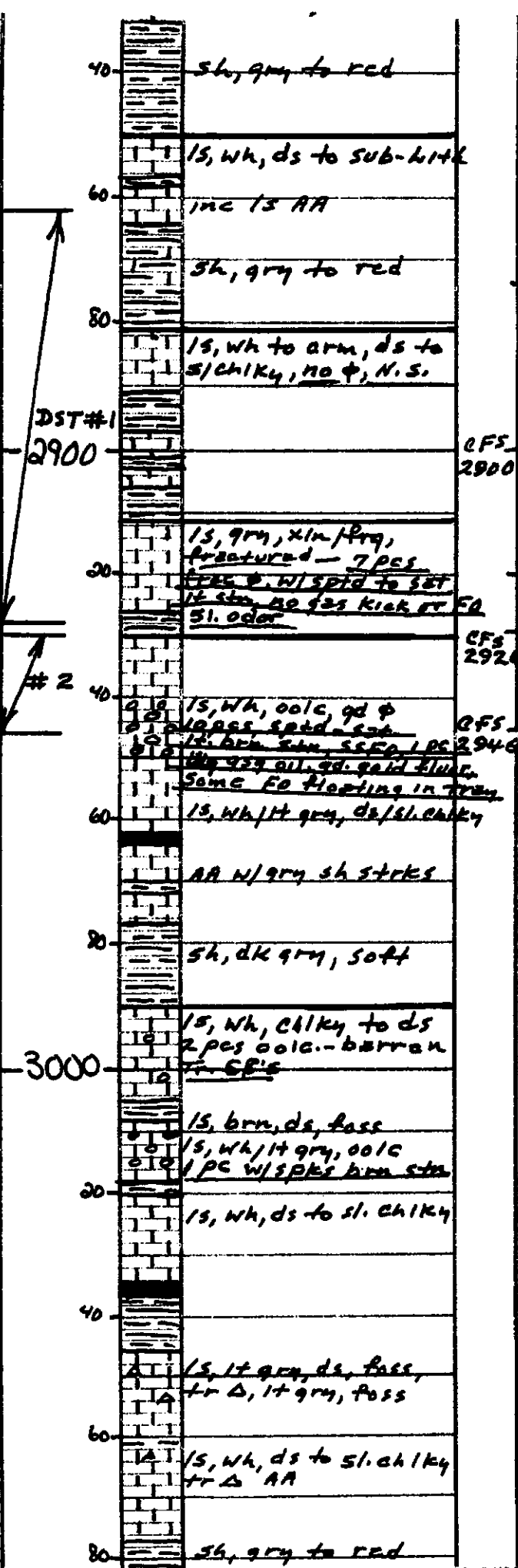
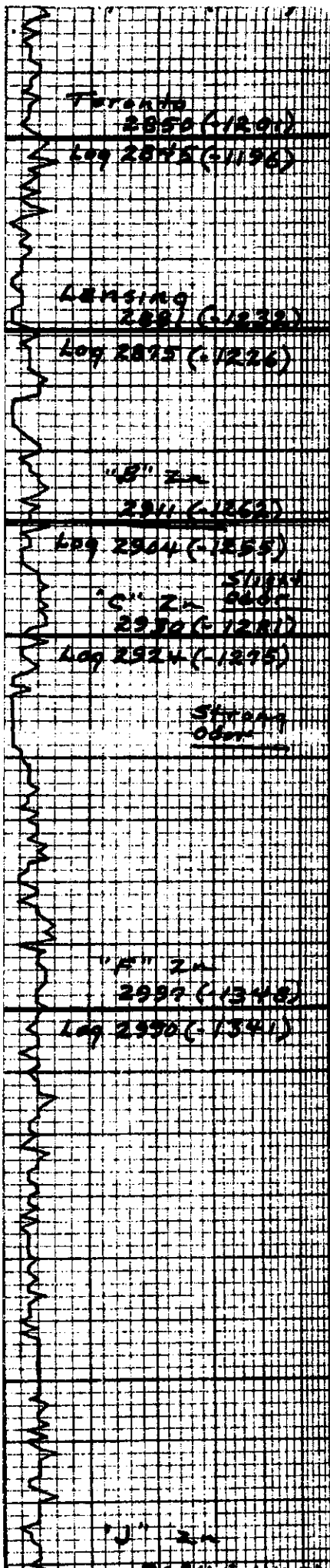
Howard
2560 (-511)
Log 2560 (505)



VIS 62
WT 0.8

CFS 2610-



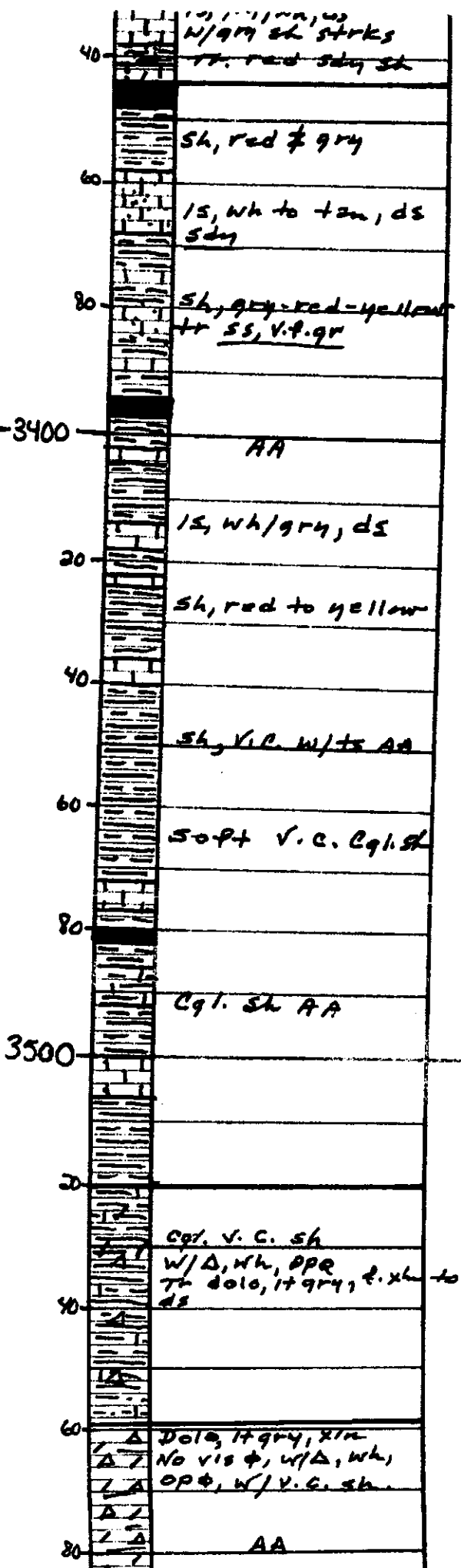
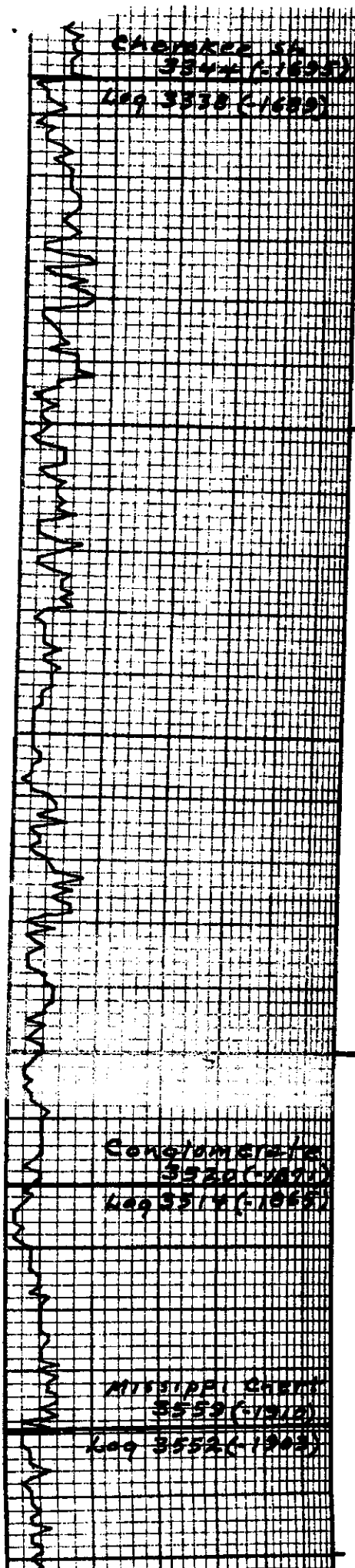


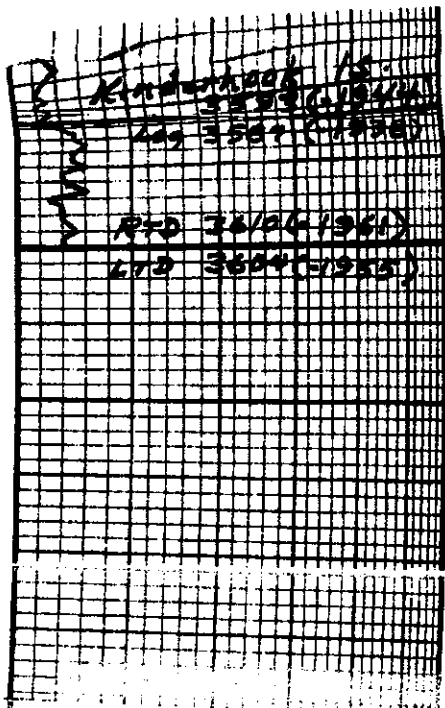
DST #1 2862-2900
 15/30/15/30
 1st Op - Surf for!
 2d Op - No Blow
 REC 10' Mud/WL
 SIP 1108-1089
 IFP 22-24
 FFP 28-30
 HP 1392-1364

DST #2 2930-2920
 30/60/30/60
 1st Op - SB in 16
 2d Op - SB in 18
 REC. 30' W/SCUM
 360' W
 390' Total
 SIP 1193-1192
 IFP 29-136
 FFP 144-214
 HP 1407-1394

CFS 3005

Vis 45
 WT 9.5
 WL 14.0





DEPTH	DESCRIPTION	OIL SHOWS
3600	ls, gray to tan, ds	
	dolo, wh/ tan, sl chky, hills AA	
20		
40		

Vis 53
wt 9.6
WL 12.0

DRILLING TIME Minutes/Foot
Rate of Penetration Decreases

CONTRACTOR WW D-19 #12
 LEASE Corpstein # 1-4 IP
 ELEVATION 1649 KB RTD 3610

LOCATION 1,000' FNL & 2,310' FEL
 SEC 4 TWP 9 S. RNG 12 W.
 COUNTY Osborne STATE Kansas