



KANSAS CORPORATION COMMISSION 1103695  
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 # 9067  
Name: DaMar Resources, Inc.  
Address 1: 234 W 11TH STE A  
Address 2: PO BOX 70  
City: HAYS State: KS Zip: 67601 + 3805  
Contact Person: Curtis R Longpine  
Phone: ( 785 ) 625-0020  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Co., Inc.  
Wellsite Geologist: Randy Kilian  
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 #: \_\_\_\_\_

<u>06/11/2012</u>	<u>06/16/2012</u>	<u>07/12/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-051-26320-00-00

Spot Description: \_\_\_\_\_  
NW SE NW NW Sec. 11 Twp. 13 S. R. 18  East  West  
695 Feet from  North /  South Line of Section  
850 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Ellis

Lease Name: Anita Well #: 1

Field Name: \_\_\_\_\_

Producing Formation: Lansing-Kansas City

Elevation: Ground: 2162 Kelly Bushing: 2167

Total Depth: 3775 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 261 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1447 Feet

If Alternate II completion, cement circulated from: 1477  
feet depth to: 0 w/ 125 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 8000 ppm Fluid volume: 3000 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Gene Karlin

Lease Name: Nuss License #: 03444

Quarter NE Sec. 5 Twp. 13 S. R. 17  East  West

County: Ellis Permit #: D25-588

**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: 12/12/2012



1103695

Operator Name: DaMar Resources, Inc. Lease Name: Anita Well #: 1  
 Sec. 11 Twp. 13 S. R. 18  East  West County: Ellis

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Micro Dual Induction Comp Porosity	<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>1434</td> <td>+733</td> </tr> <tr> <td>Base Anhydrite</td> <td>1479</td> <td>+688</td> </tr> <tr> <td>Topeka</td> <td>3188</td> <td>-1021</td> </tr> <tr> <td>Heebner</td> <td>3425</td> <td>-1258</td> </tr> <tr> <td>Lansing</td> <td>3476</td> <td>-1309</td> </tr> <tr> <td>Base Kans-City</td> <td>3697</td> <td>1530</td> </tr> <tr> <td>Arbuckle</td> <td>3750</td> <td>-1583</td> </tr> </table>	Name	Top	Datum	Anhydrite	1434	+733	Base Anhydrite	1479	+688	Topeka	3188	-1021	Heebner	3425	-1258	Lansing	3476	-1309	Base Kans-City	3697	1530	Arbuckle	3750	-1583
Name	Top	Datum																							
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Lansing	3476	-1309																							
Base Kans-City	3697	1530																							
Arbuckle	3750	-1583																							

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	261	common	160	2% gel, 3% CC
Production	7.875	5.5	14	3774	EA2	120	

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 (Amount and Kind of Material Used)	Depth
4	3548-51	Acidixe 350 & 750 gal	

TUBING RECORD: Size: <u>2.375</u> Set At: <u>3747</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" 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. <u>12</u>	Gas Mcf _____	Water Bbls. <u>24</u> 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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3548-51</u>
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# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 886

Date	6-11-12	Sec.	11	Twp.	13	Range	18	County	ELLIS	State	KANSAS	On Location		Finish	9:15 PM
Lease	ANITA		Well No.	# 1		Location	HAYS STS FERRIS RD - E 1/2 - S INTO								
Contractor	MURFIN		#	116		Owner	DAMAR RESOURCES								
Type Job	SURFACE		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.												
Hole Size	12 1/4"		T.D.	262'											
Csg.	8 7/8"		Depth	261'											
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.			Shoe Joint	15'											
Meas Line			Displace	15 1/2											
			Cement Amount Ordered	1600000 - 300 - 2000											

### EQUIPMENT

Pumptrk # 15	No.	Cementer	NECK	Common	160
Bulktrk # 8	No.	Driver	LEVY	Poz. Mix	
Bulktrk P/U	No.	Driver	GESCO	Gel.	3

### JOB SERVICES & REMARKS

Remarks:	Calcium 5
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
	Handling 08
	Mileage
	FLAT EQUIPMENT
	Guide Shoe
	Centralizer
	Baskets
	AF Inserts
	Float Shoe
	Latch Down
	Pumptrk Charge Surface
	Mileage 7

CEMENTED & CIRCULATE  
Quality Oilwell Cementing  
THANK YOU

X Signature *Ag 260*

Tax  
Discount  
Total Charge

**JOB LOG**

**SWIFT Services, Inc.**

DATE 07-11-12 PAGE NO. 7

CUSTOMER DAMAR RESERVOIRS WELL NO. 1 LEASE ANITA JOB TYPE CMT: POLY COLLAR TICKET NO. 21808

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GORE)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ONLOCATION
								CMT: 516 SMD 1/4" FLO
								2 3/8" ST2 ROP 2870
								P.C. 1447
								TRIP OUT ROP
								Run in NEW ROP
	1445		57	✓				LOAD HOSE & CIRC OUT OIL
			65	✓				END
				✓	✓	1000	1000	PS. TEST
	1505		10	✓				SPOT 15% SAND T66 @ 2840
								PULL UP LOGS, P.C.
	1630		25	✓				LOAD HOSE
								OPEN PC
	1635	3.0	50	✓		300		INS RATE GOOD, BLOW
	1637	4.0	0	✓		400		START CMT
			7.0	✓		5		CIRC
			60	✓		600		CIRC CMT TO PIT
			65	✓		600		END
	1655		4.5	✓		600		Disp MIX 125 SAs
								155 SAs PIT!
								CLOSE PC
	1700			✓		900	900	PSI TEST
								Run in 6 JOINS
	1715	3.0	0	✓				NEW JLT
			5.5	✓				1ST FLS
			10.0	✓				2ND FLS
	1722		18.0	✓				CLEAN
								Run T66 IN TO ROP
	1750	2.7	0	✓		400		CIRC SAND OFF ROP 125 SAs SAND
	1800		30	✓		400		CLEAN
								WASH UP TRUCK
								JOB COMPLETE
								THANK YOU!
								DAVE, JOSH, T.J.

JOB LOG

SWIFT Services, Inc.

DATE 6-16-12 PAGE NO. 1

CUSTOMER Damar Resources WELL NO. #1 LEASE Anita JOB TYPE Longstring TICKET NO. 21449

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2300							on loc w/FF
								RTD 3775 5 1/2" x 14" x 3776' x 23' Cest 1, 3, 5, 7, 9, 55 mid Bask 2, 10, 55 mid P.C. 55 Top 1447'
	0000							Start FE
	0200							Break Circ
	0220	2.5	5					Plug RH 30 sks
	0225	5	0				200	Start 500gal Mud Flush
		5	12/0				200	Start 200 gal KCL Flush
	0231	6	20/0				200	Start 120 sks EA-2
	0236		29					End Cement Wash P&H Drop L.P. Plug
	0240	6.5	0				250	Start Displacement
	0250	5	65				300	Catch Cement
	0300		91.5				550/1900	Load Plug
								Thank you
								Nick, Dan + Isaac

# Randall Kilian Corporation

Geologist



**Certified Petroleum  
Geologist #3351  
License #224**

P.O. Box 26  
Hays, Kansas 67601-0026  
Phone: 785-628-6061  
Cell: 785-635-1349

## GEOLOGIST'S WELL REPORT

COMPANY DAMAR RESOURCES, INC. (9067)

WELL Anita #1

FIELD Wildcat

LOCATION (legal) Ap. NW SE NW NW  
(695' FNL & 850' FWL)

Section 11 TWP 13S RGE 18W

(Map) 3 mi N & 1½ E of Hays

COUNTY Ellis STATE Kansas

ELEVATION: 2167' K.B., 2162' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-051-26320

GEOLOGY BY Randall Kilian

## PERTINENT WELL DATA

CONTRACTOR Murfin Drilling Co., Inc. (30606)

RIG #16 HYDRAULICS D-375 6x14x60

DRILL PIPE 4½" X-H COLLARS 6" 17 (503')

CASING: SURFACE 8 5/8" @ 261' w/ 160 sx Common

PRODUCTION 5 ½" Ø 3774' w/ 120 sx EA2  
PC @ 1447'

DRILLING FLUID: COMPANY Andy's Mud & Chemical Co.  
(Curt Werth)

TYPE: Chemical

REMARKS: Full service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.

(Jeff Brown)

NUMBER OF TESTS One (1)

ELECTIC LOGS: COMPANY Pioneer Log-Tech Inc.

DETAIL (5") 3100' - RTD

TYPE DI, Comp N-D, Micro

DRILLING TIME FROM 3100' TO RTD

SAMPLE TIME FROM 3100' TO RTD

SUPERVISION FROM 3100' TO RTD

VERTICAL DEVIATION ½° @ 263', ½° @ 1909', 1° @

PLUGGING REPORT 30 sx Rat.  
3575', 1° @ 3775'

RESERVE PIT 500 bbls., Chl. 64,000 Ca. 800







# DRILL STEM TESTS

NO	INTERVAL	IFF/TIME	ISF/TIME	FFF/TIME	FSF/TIME	HP/FHP	RECOVERY
1	LKc C-G 3462- 3575'	105# 139# 5"	1021# 60"	128# 232# 60"	790# 90"	1814# 1736#	189' GIP 157' H,O&G,C,Mud 189' O,C,G,W,Mud
2							
3							
4							
5							
6							
7							
8							

## MUD RECORD

CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	2958'					
2	3016'	8.6	110	8.0	450	26
3	3220'	8.8	75			
4	3480'	9.0	69			
5	3557'	8.9	55	9.4	8k	17
6	3680'	9.2	55			
7	3730'	9.2	52	9.2	8k	16
8						
9						
10						
11						

Displaced  
LOM 4#  
LOM 2#  
LOM 4#  
LOM 2 1/2#  
LOM 3#  
LOM 3#

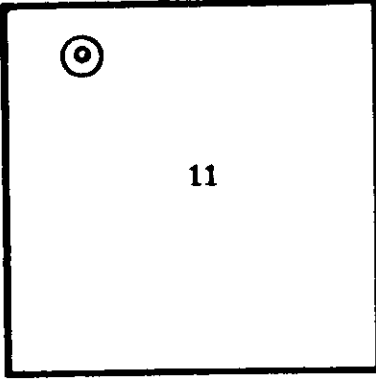
## BIT RECORD

NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
1	12 1/4"	HICO.	MX1	263'	263'	2 3/4
2	7 7/8"	HICO.	GX20C	3775'	3512'	74
3						
4						
5						
6						

# FORMATION TOPS & STRUCTURAL GEOLOGY

R 18 W

☆A  
T  
13  
S



REFERRED TO:

- A: LIBERTY ENTERPRISES  
Fellers #1 SE NE NE 10
- B: \_\_\_\_\_
- C: \_\_\_\_\_
- D: \_\_\_\_\_
- E: \_\_\_\_\_

STRATIGRAPHIC MARKERS	SUBJECT WELL			STRUCTURAL POSITION				
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1441'	1434'	+ 733	+ 720				
Base	1480'	1480'	+ 687	+ 683				
Topeka	3184'	3187'	-1020	-1024				
Heeb. Sh.	3422'	3425'	-1258	-1262				
Toronto	3451'	3449'	-1282	-1289				
Lansing	3474'	3476'	-1309	-1316				
BKc.	3690'	3697'	-1530	-1534				
Arb.	3750'	3750'	-1583	NDE				
TD	3775'	3776'	-1609	-1609				

Pipe strap 2.53' long.

\*Structural position of subject well as compared to referred well.

## SUMMARY

The Anita #1 well was drilled with Murfin Drilling Co. tools rig #16 beginning 6-11-12 and drilling was completed 6-17-12.

The drill site was located via a 3-D seismic survey.

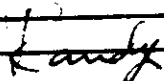
The well ran 4-7' high structurally to the Liberty dry hole west.

Poor oil shows were encountered in numerous LKc zones. However, DST #1 LKc C-G was a positive test. The Arbuckle was encountered lower than expected and had no oil shows.

Based upon all data, casing was set to further test the well.

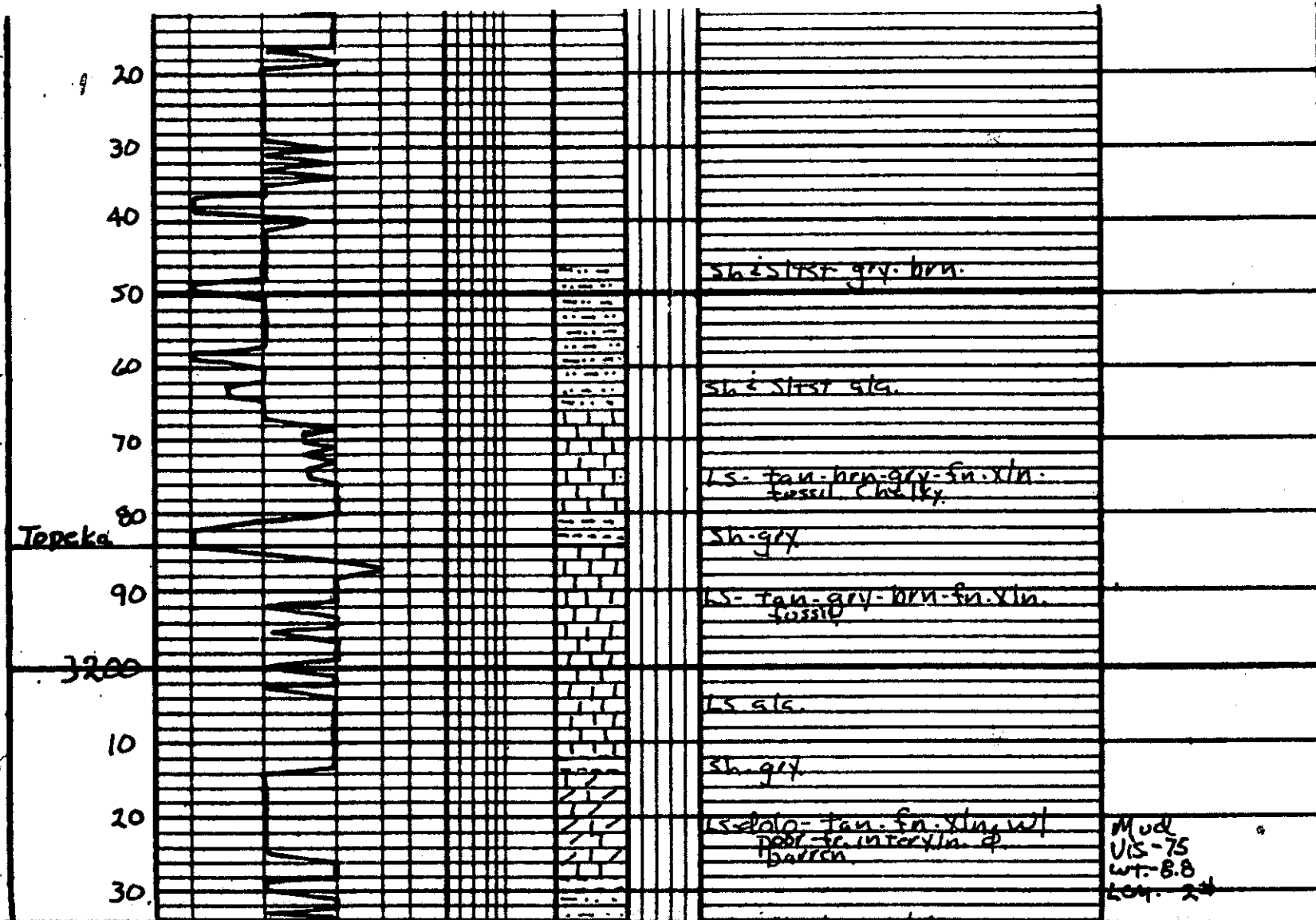
Recommended perfs LKc F 3548-49', C 3501-04'

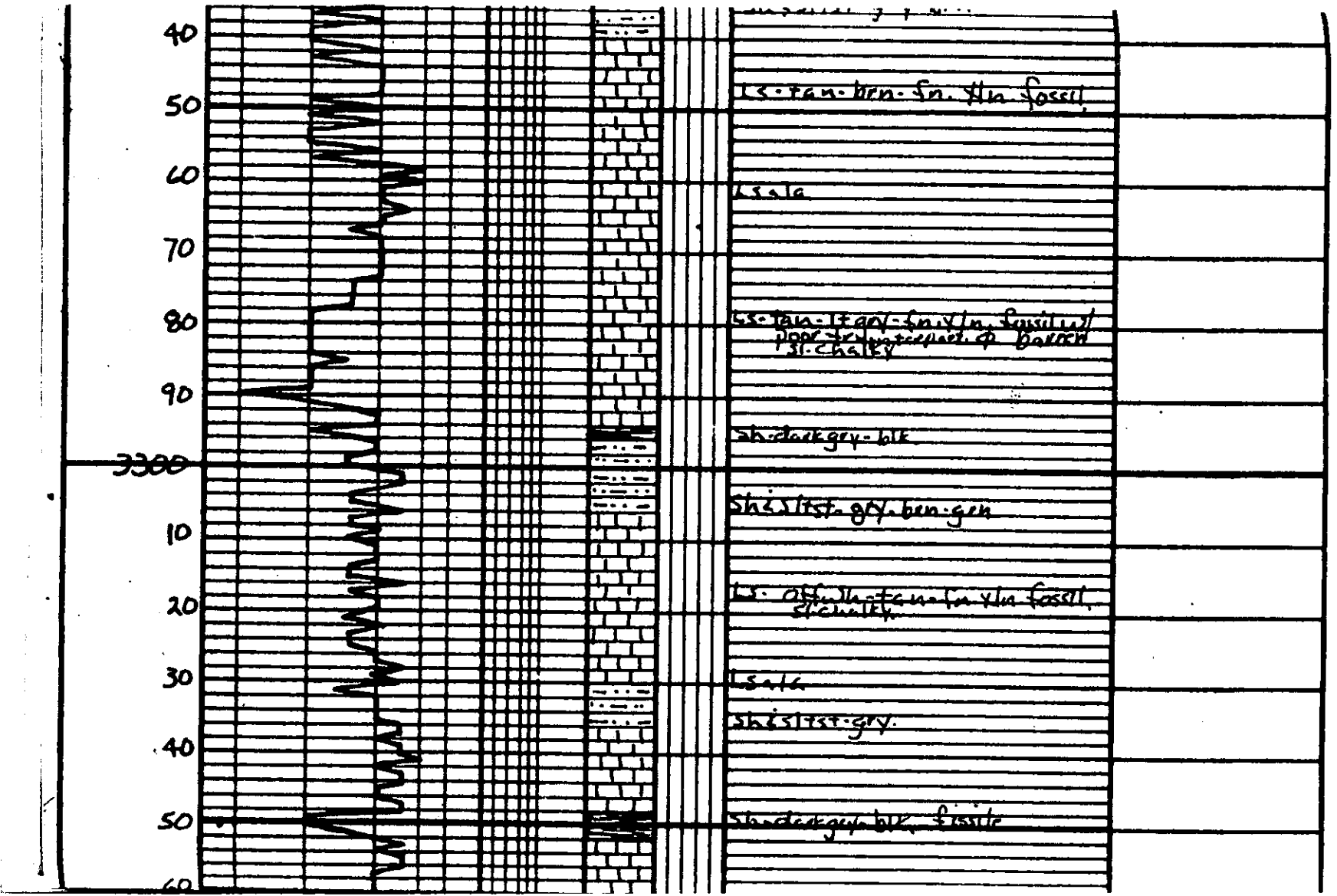
Respectfully,

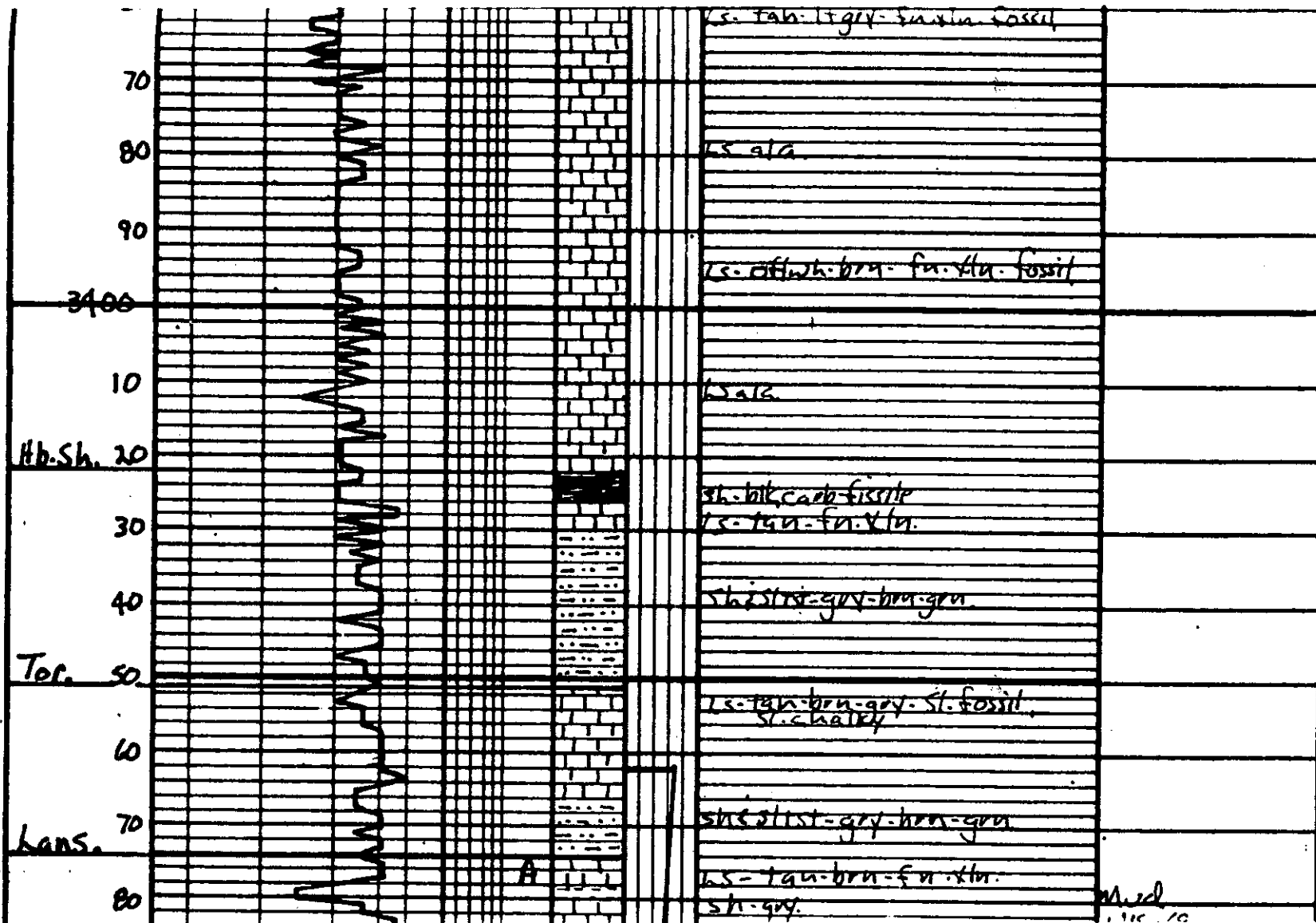


Randall Kilian

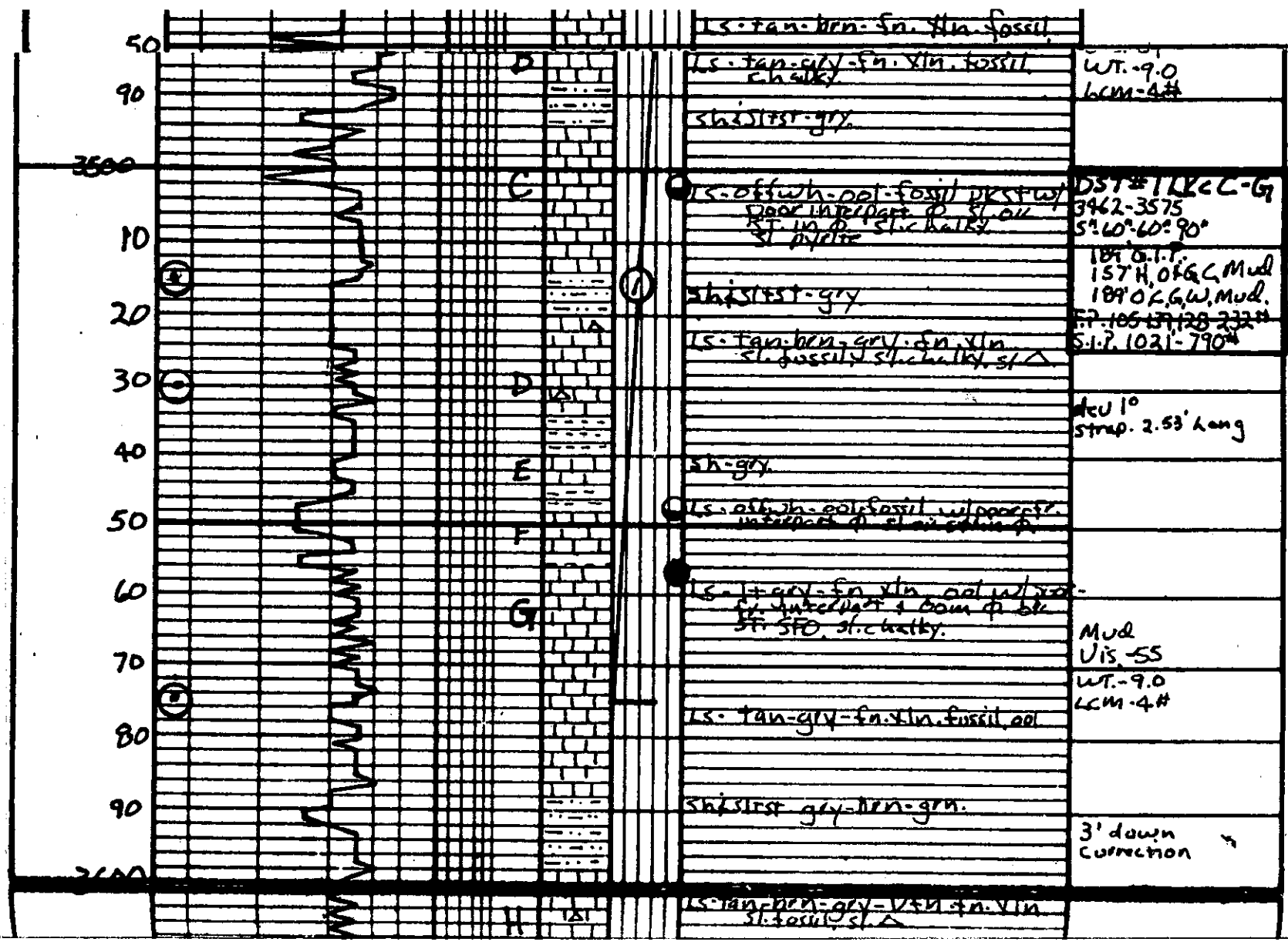
	DRILLING TIME (min/ft)										SHOVS POOR FAIR GOOD BEST	LITHOLOGY (LAGGED)	REMARKS	
	1/2	1	2	3	4	5	6	7	8	9				10
ANN. 40														
1450														
60														
70														
Base 80														
														displaced @ 2958'
														geologist on location 10:30am 6-14-12
3100														
10														

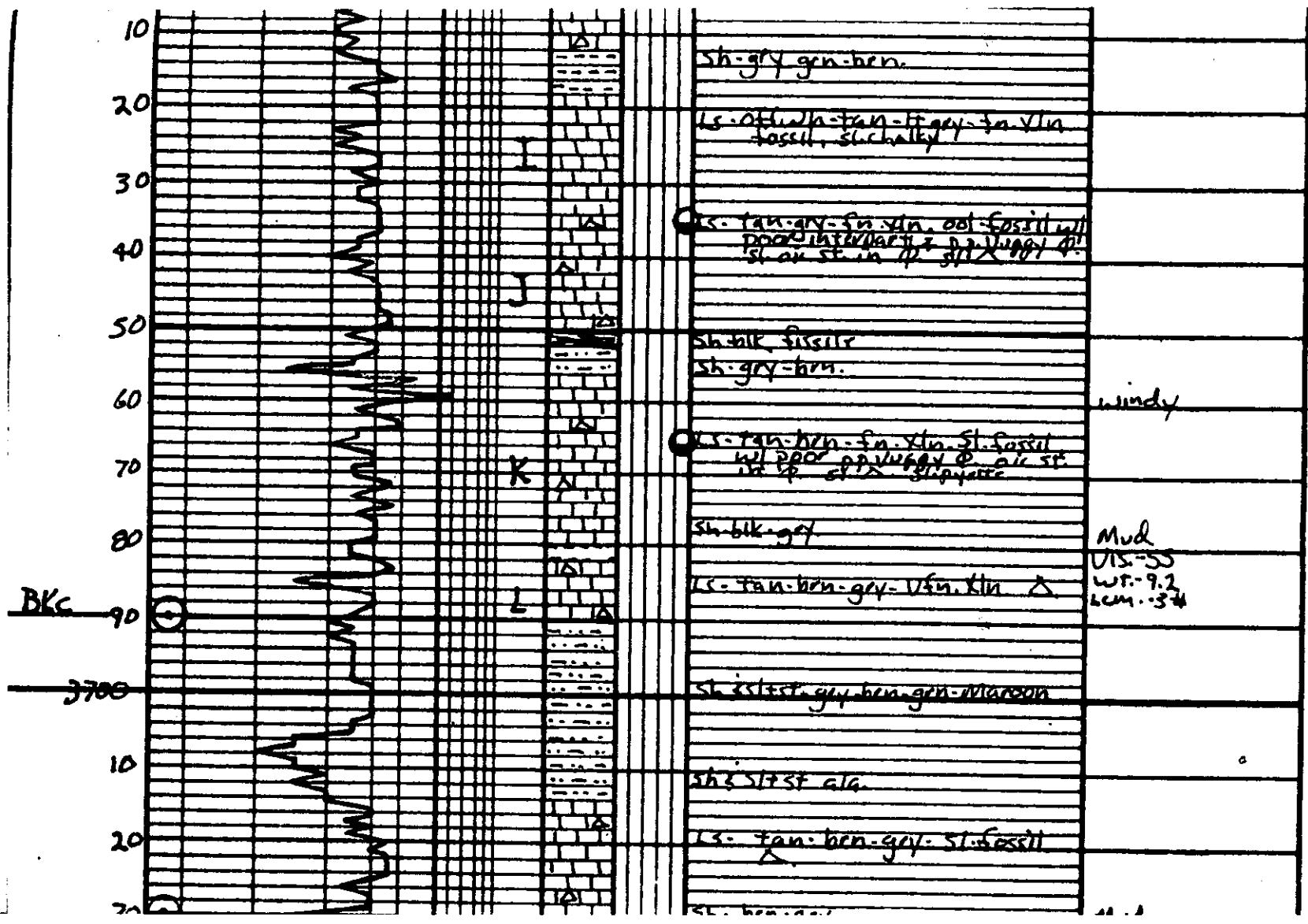












Arb.

40

50

60

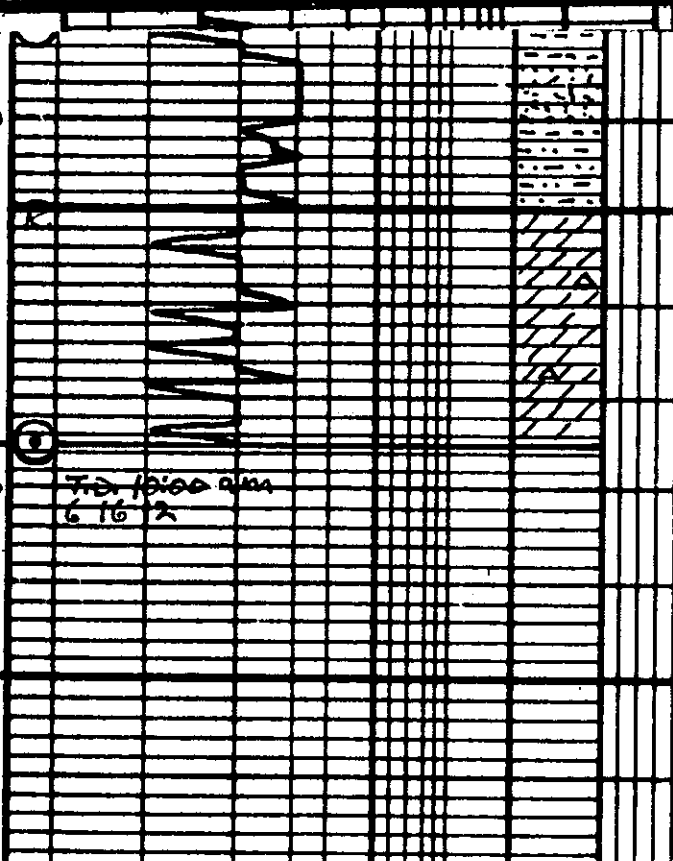
T.P.

70

80

90

3000



700 1000 900  
6-16-12

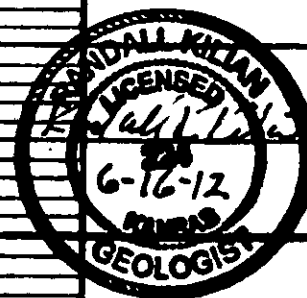
ss. qtz. sil. - well cemented. sl.  
oil st.

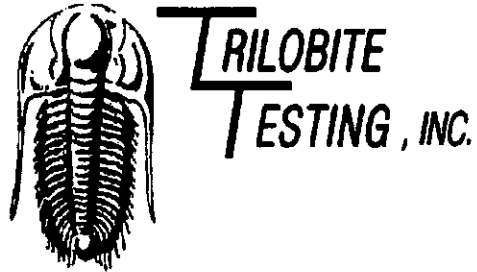
sh. & silt. - ben. gray. red. gen. sil.

Dolo. fine. fm. med. fly. chert  
flecked on st.

Dolo. ala

U13-52 Y.P. 16  
WT. 9.2 CUB. BK  
WL. 9.2 LCM. 3 1/2





## DRILL STEM TEST REPORT

Prepared For: **Damar Resources**

PO Box 70  
Hays KS 67601

ATTN: Curtis R Longpine

**Anita #1**

**11-13s-18w Ellis,KS**

Start Date: 2012.06.15 @ 11:29:03

End Date: 2012.06.15 @ 19:27:03

Job Ticket #: 47783                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.06.18 @ 16:23:50

Damar Resources  
11-13s-18w Ellis,KS  
Anita #1  
DST # 1  
LKC-C-G  
2012.06.15



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Damar Resources

11-13s-18w Ellis, KS

PO Box 70  
Hays KS 67601

Anita #1

Job Ticket: 47783

DST#: 1

ATTN: Curtis R Longpine

Test Start: 2012.06.15 @ 11:29:03

### GENERAL INFORMATION:

Formation: **LKC-C-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:26:33

Time Test Ended: 19:27:03

Test Type: Conventional Bottom Hole (Initial)

Tester: Jeff Brown

Unit No: 44

Interval: **3462.00 ft (KB) To 3575.00 ft (KB) (TVD)**

Reference Elevations: 2167.00 ft (KB)

Total Depth: 3575.00 ft (KB) (TVD)

2162.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: **8321**

Inside

Press@RunDepth: 231.75 psig @ 3562.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.15

End Date:

2012.06.15

Last Calib.: 2012.06.15

Start Time: 11:29:04

End Time:

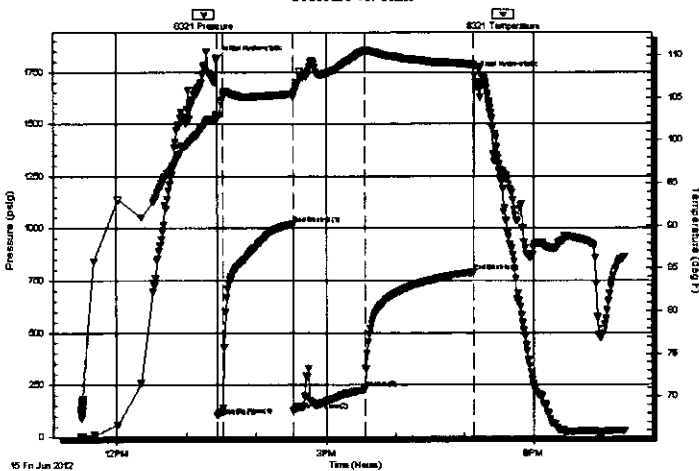
19:21:03

Time On Btm: 2012.06.15 @ 13:26:03

Time Off Btm: 2012.06.15 @ 17:08:33

**TEST COMMENT:** IFF-Fair blow built to 5 1/2 in  
ISI-Dead no blow back  
FFP-Good blow BOB in 16 min  
FSI-Weak blow back built to 1 1/2 in

Pressure vs. Time



### PRESSURE SUMMARY

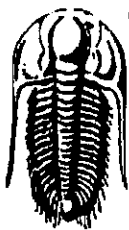
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1814.28	103.01	Initial Hydro-static
1	104.95	102.71	Open To Flow (1)
6	138.99	105.44	Shut-in(1)
65	1020.68	105.45	End Shut-in(1)
66	128.43	105.09	Open To Flow (2)
127	231.75	110.55	Shut-in(2)
222	789.69	108.92	End Shut-in(2)
223	1735.61	108.89	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
189.00	OCGWM 10%G 20%O 20%W 50%M	2.39
157.00	HOCGM 15%G 25%O 60%M	2.20
0.00	189-GIP	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Damar Resources

**11-13s-18w Ellis,KS**

PO Box 70  
Hays KS 67601

**Anita #1**

Job Ticket: 47783

**DST#: 1**

ATTN: Curtis R Longpine

Test Start: 2012.06.15 @ 11:29:03

## GENERAL INFORMATION:

Formation: **LKC-C-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:26:33

Time Test Ended: 19:27:03

Test Type: Conventional Bottom Hole (Initial)

Tester: Jeff Brown

Unit No: 44

Interval: **3462.00 ft (KB) To 3575.00 ft (KB) (TVD)**

Reference Elevations: 2167.00 ft (KB)

Total Depth: 3575.00 ft (KB) (TVD)

2162.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8737 Outside**

Press@RunDepth: psig @ 3562.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.15

End Date:

2012.06.15

Last Calib.:

2012.06.15

Start Time: 11:29:05

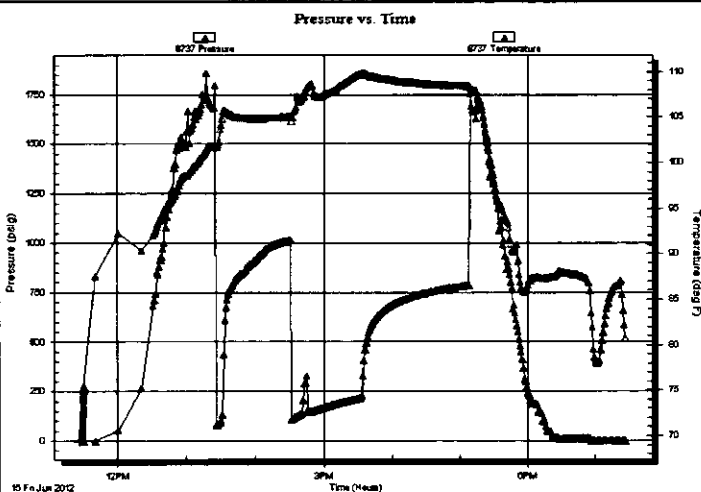
End Time:

19:27:04

Time On Btm:

Time Off Btm:

**TEST COMMENT:** IFP-Fair blow built to 5 1/2 in  
IS-Dead no blow back  
FFP-Good blow BOB in 16 min  
FSI-Weak blow back built to 1 1/2 in



## PRESSURE SUMMARY

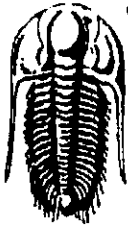
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
189.00	OCGWM 10%G 20%O 20%W 50%M	2.39
157.00	HOCGM 15%G 25%O 60%M	2.20
0.00	189-GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Damar Resources

**11-13s-18w Ellis,KS**

PO Box 70  
Hays KS 67601

**Anita #1**

Job Ticket: 47783

**DST#: 1**

ATTN: Curtis R Longpine

Test Start: 2012.06.15 @ 11:29:03

**Tool Information**

Drill Pipe:	Length: 3413.00 ft	Diameter: 3.80 inches	Volume: 47.88 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 48.02 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	0.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3462.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	113.00 ft			
Tool Length:	133.00 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			3443.00	
Shut In Tool	5.00			3448.00	
Hydraulic tool	5.00			3453.00	
Packer	4.00			3457.00	20.00 Bottom Of Top Packer
Packer	5.00			3462.00	
Stubb	1.00			3463.00	
Perforations	4.00			3467.00	
Change Over Sub	1.00			3468.00	
Drill Pipe	93.00			3561.00	
Change Over Sub	1.00			3562.00	
Recorder	0.00	8321	Inside	3562.00	
Recorder	0.00	8737	Outside	3562.00	
Perforations	10.00			3572.00	
Bullnose	3.00			3575.00	113.00 Bottom Packers & Anchor

**Total Tool Length: 133.00**



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## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Damar Resources

**11-13s-18w Ellis,KS**

PO Box 70  
Hays KS 67601

**Anita #1**

Job Ticket: 47783

**DST#: 1**

ATTN: Curtis R Longpine

Test Start: 2012.06.15 @ 11:29:03

### 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: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
189.00	OCGWM 10%G 20%O 20%W 50%M	2.387
157.00	HOCGM 15%G 25%O 60%M	2.202
0.00	189-GIP	0.000

Total Length: 346.00 ft

Total Volume: 4.589 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

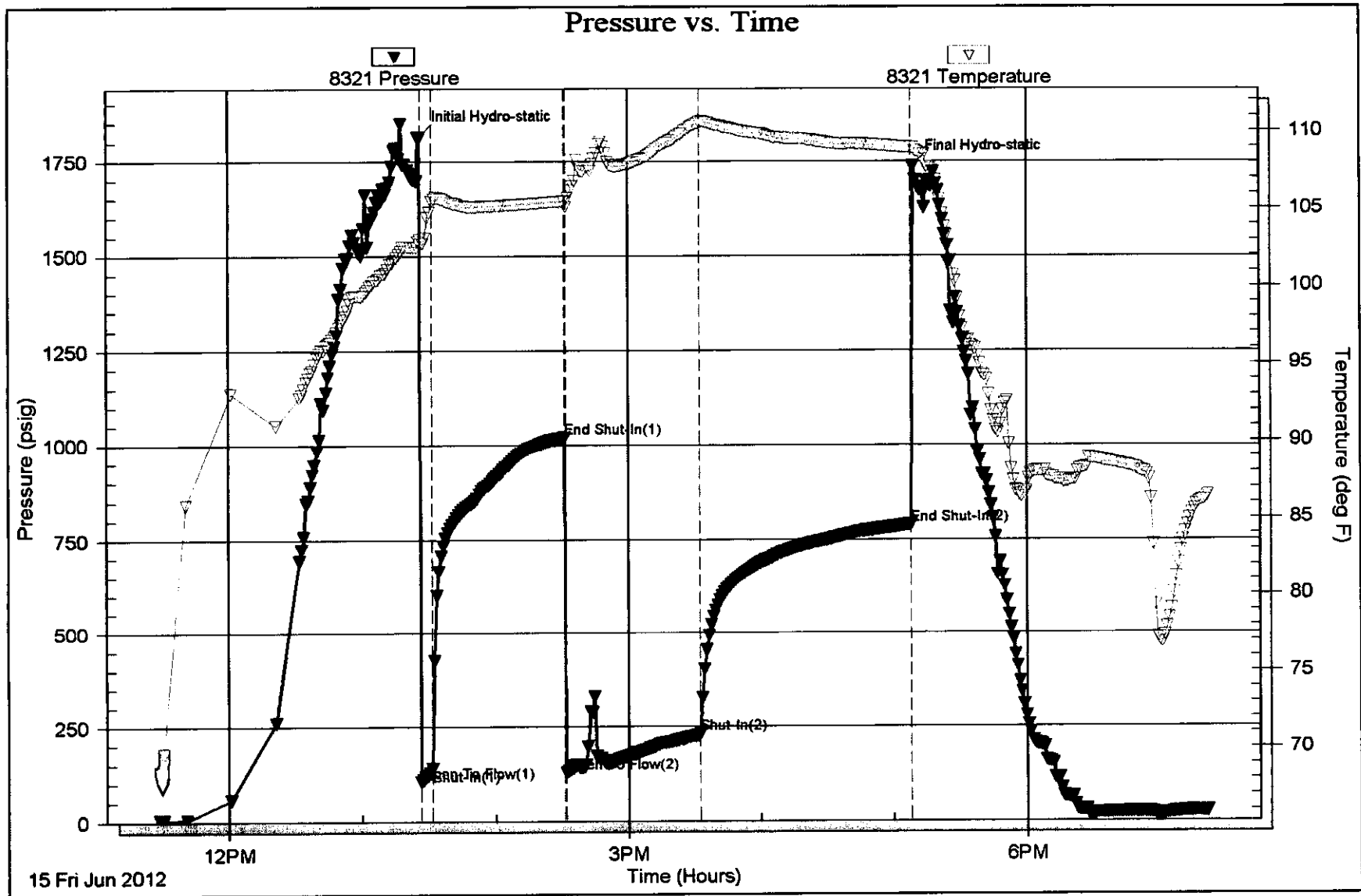
Serial #:

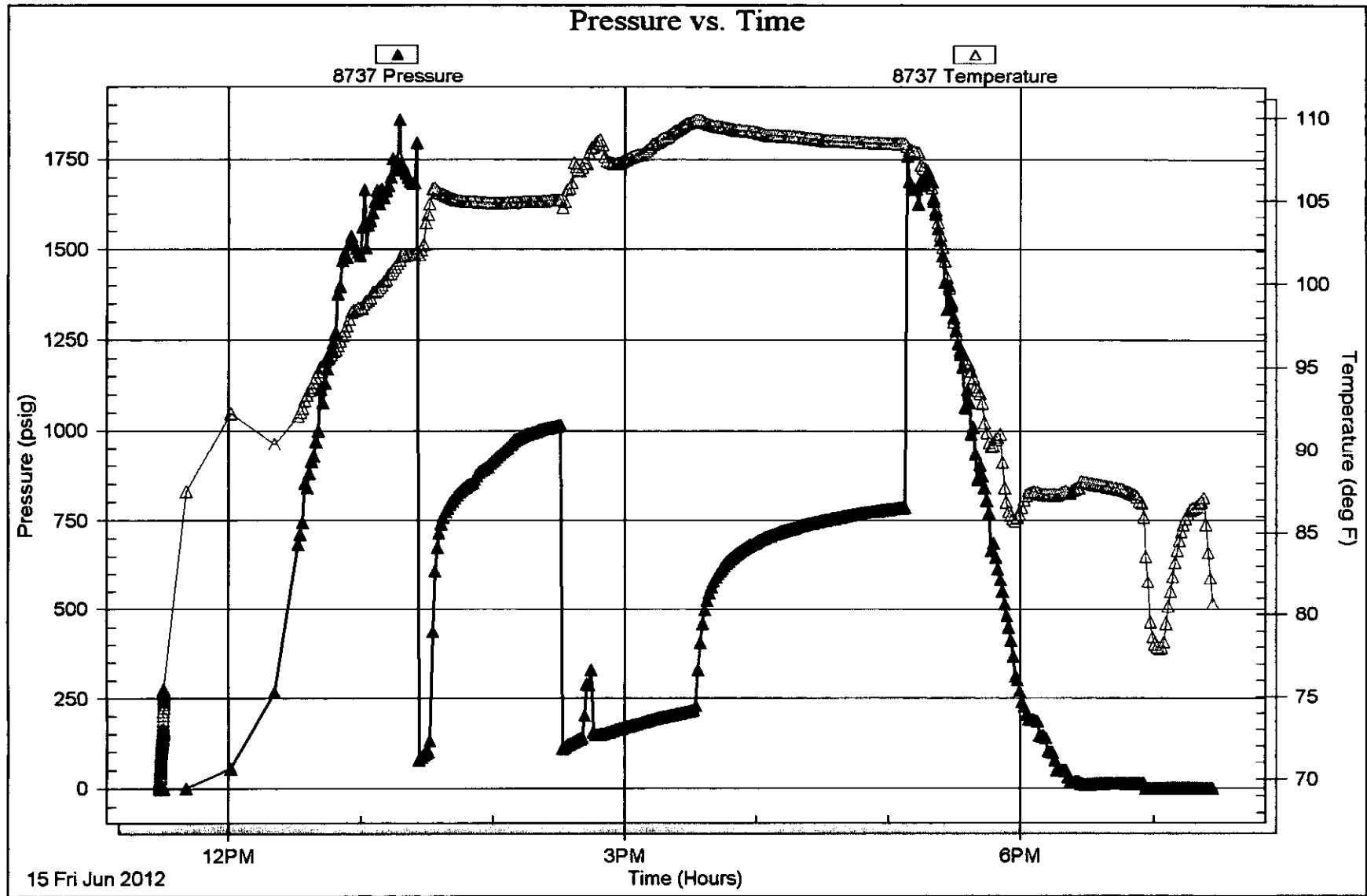
Laboratory Name:

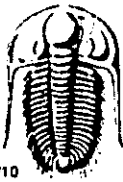
Laboratory Location:

Recovery Comments:









# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47783

Well Name & No. Anits #1 Test No. 1 Date 6-15-12  
 Company DAMAR Resources Elevation 2147 KB 2142 GL  
 Address PO Box 70 Hays KS 67701  
 Co. Rep / Geo. Randy Kilian Rig Martin #110  
 Location: Sec. 11 Twp. 13 S Rge. 18 W Co. ELLIS State KS

Interval Tested 3442-3575 Zone Tested LHC-C-G  
 Anchor Length 113 Drill Pipe Run 3413 Mud Wt. 8.9  
 Top Packer Depth 3457 Drill Collars Run 29 Vis 55  
 Bottom Packer Depth 3442 Wt. Pipe Run 0 WL 9.4  
 Total Depth 3575 Chlorides 8000 ppm System LCM 2 1/2

Blow Description FF-Fair Blow Built to 5 1/2 IN  
IS-Dead NO Blow Back  
FF-GOOD Blow BOB IN 16 min  
IS-

Rec	Feet of	%gas	%oil	%water	%mud
189	OC Gm	10	20	20	50
157	HOC Gm	15	25		60
	189-GIP				

Rec Total 3440 BHT 109 Gravity \_\_\_\_\_ API RW 186 @ 88.8 F Chlorides 30,000 ppm

(A) Initial Hydrostatic 1814  Test \_\_\_\_\_ T-On Location 11:07  
 (B) First Initial Flow 105  Jars \_\_\_\_\_ T-Started 11:29  
 (C) First Final Flow 139  Safety Joint \_\_\_\_\_ T-Open 13:32  
 (D) Initial Shut-In 1021  Circ Sub \_\_\_\_\_ T-Pulled 17:02  
 (E) Second Initial Flow 128  Hourly Standby \_\_\_\_\_ T-Out 19:27  
 (F) Second Final Flow 232  Mileage 18 RT <sup>55.80</sup> Comments Load Tools @ 17:31  
 (G) Final Shut-In 790  Sampler \_\_\_\_\_ on 6-16-12  
 (H) Final Hydrostatic 1736  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 5  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 400  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 400  Day Standby \_\_\_\_\_ Total 1205.80  
 Final Shut-In 90  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1205.80

Approved By \_\_\_\_\_ Our Representative Jeff Brown

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