



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: _____



1046654

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
---	---

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
-----------------------------------	-----------	---------	-------------	---------------	---------

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: _____ _____
---	---	--

Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	Sammons 1
Doc ID	1046654

Tops

Name	Top	Datum
Anhydrite	1666'	+447
Base Anhydrite	1701'	+415
Topeka	3083'	-967
Heebner Shale	3284'	-1168
Toronto	3308'	-1192
Lansing	3322'	-1206
BKC	3532'	-1416
Arbuckle	3571	-1455
TD	3650'	-1534



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
 Fax: (785) 483-5566

INVOICE

Invoice Number: 124948
 Invoice Date: Oct 20, 2010
 Page: 1

Bill To:
Bach Oil Production R. R. #1 Box 28 Phillipsburg, KS 67661

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	Sammons #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Oct 20, 2010	11/19/10

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	13.50	2,025.00
3.00	MAT	Gel	20.25	60.75
5.00	MAT	Chloride	51.50	257.50
150.00	SER	Handling	2.25	337.50
60.00	SER	Mileage 150 sx @.10 per sk per mi	15.00	900.00
1.00	SER	Surface	991.00	991.00
60.00	SER	Pump Truck Mileage	7.00	420.00

Subtotal	4,991.75
Sales Tax	147.62
Total Invoice Amount	5,139.37
Payment/Credit Applied	
TOTAL	5,139.37

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ **998 35**

ONLY IF PAID ON OR BEFORE
Nov 14, 2010

ALLIED CEMENTING CO., LLC. 042016

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell KS

DATE <u>10-20-10</u>	SEC. <u>11</u>	TWP. <u>7</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30pm</u>	JOB FINISH <u>2:00pm</u>
<u>Sammons</u> LEASE	WELL #/	LOCATION <u>Hwy 24 & Rd #6 3 North</u>			COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)		<u>to I Rd 1/2 West</u>					

CONTRACTOR Murfin Drilling Rig #16

OWNER

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 218'

CEMENT

CASING SIZE 8 7/8 DEPTH 218'

AMOUNT ORDERED 150 com 3% cc 2% Gel

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 12.9 Bbl

COMMON 150 @ 13.50 2025.00

POZMIX @

GEL 3 @ 20.25 60.75

CHLORIDE 5 @ 57.50 287.50

ASC @

@

@

@

@

@

@

@

@

HANDLING 150 @ 2.25 337.50

MILEAGE 110/116/116 900.00

TOTAL 3580.75

REMARKS:

Est. Circulation

Mix 150 sk cement

Displace w/ 12.9 Bbl H2O

Cement Did Circulate!

Thank You!

CHARGE TO: Bach Oil Production

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 991.00

EXTRA FOOTAGE @

MILEAGE 60 @ 7.00 420.00

MANIFOLD @

@

@

TOTAL 1411.00

PLUG & FLOAT EQUIPMENT

@

@

@

@

To Allied Cementing Co., LLC.

to rent cementing equipment



PO BOX 31 Russell, KS 67665

INVOICE

Invoice Number: 125060

Invoice Date: Oct 26, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

Bach Oil Production
R. R. #1 Box 28
Phillipsburg, KS 67661

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	Samons #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Russell	Oct 26, 2010	11/25/10

Quantity	Item	Description	Unit Price	Amount
90.00	MAT	Class A Common	13.50	1,215.00
60.00	MAT	Pozmix	7.55	453.00
3.00	MAT	Gel	20.25	60.75
400.00	MAT	AMD	22.95	9,180.00
550.00	SER	Handling	2.25	1,237.50
50.00	SER	Mileage 550 sx @.10 per sk per mi	55.00	2,750.00
1.00	SER	Production String	1,957.00	1,957.00
50.00	SER	Pump Truck Mileage	7.00	350.00
1.00	EQP	5.5 Latch Down Plug	164.00	164.00
1.00	EQP	5.5 AFU Float Shoe	214.00	214.00
4.00	EQP	5.5 Basket	161.00	644.00
12.00	EQP	5.5 Centralizer	35.00	420.00

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 3729⁰⁵

ONLY IF PAID ON OR BEFORE
Nov 20, 2010

Subtotal	18,645.25
Sales Tax	778.10
Total Invoice Amount	19,423.35
Payment/Credit Applied	
TOTAL	19,423.35

ALLIED CEMENTING CO., LLC. 042018

Federal Tax I.D.# 20-5975804

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE <u>10-26-10</u>	SEC. <u>11</u>	TWP. <u>7</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>6:45pm</u>	JOB FINISH <u>7:30pm</u>
Samons LEASE		WELL #/	LOCATION <u>Hwy 24 & Rd 6 3N west</u>	COUNTY <u>Rooks</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)			<u>into</u>				

CONTRACTOR Murfin Drilling Rig #16
TYPE OF JOB Production string

OWNER

HOLE SIZE 7 7/8 T.D. 3650'
CASING SIZE 5 1/2 14 # DEPTH 3653.49'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 14.37'

CEMENT
AMOUNT ORDERED 400 AMD
150 60/40 10% salt 2% Gel

CEMENT LEFT IN CSG. 14.37
~~Insert @~~ 3639.12
DISPLACEMENT 88.79 Bbl

COMMON	<u>90</u>	@	<u>13.50</u>	<u>1215.00</u>
POZMIX	<u>60</u>	@	<u>7.55</u>	<u>453.00</u>
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE		@		
ASC		@		
<u>AMD</u>	<u>400</u>	@	<u>22.95</u>	<u>9180.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts
417 HELPER Heath
BULK TRUCK
456/198 DRIVER Rigo TWS
BULK TRUCK
260 DRIVER Kevin

HANDLING	<u>550</u>	@	<u>2.25</u>	<u>1237.50</u>
MILEAGE	<u>110/15h/mile</u>			<u>2750.00</u>

REMARKS:

89
Ran 89 5 1/2 14 # Casing Est. Circulation
and circulate 1 hr on bottom. Mix 400sk
AMD 50sk to plug Rat & mouse hole. Tailed
in w/ 150 60/40 10% salt 2% Gel cement.
Displaced plug w/ 88.79 Bbl Hal,
Land plug @ 2000 psi Final Disp. pres 1400psi
Float Did Hold!
Cement Did Circulate!
Thank You

TOTAL 14896.25

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1957.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>50</u>	@	<u>7.00</u>	<u>350.00</u>
MANIFOLD		@		

CHARGE TO: Bach Oil Production
STREET _____
CITY _____ STATE _____ ZIP _____

TOTAL 2307.00

5 1/2 PLUG & FLOAT EQUIPMENT

Latch Down Plug	@	<u>164.00</u>
AFU Float shoe	@	<u>214.00</u>
4- Cement Baskets	@	<u>161.00 644.00</u>
12-Centralizers	@	<u>35.00 420.00</u>

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment



PO BOX 31 Russell, KS 67665

INVOICE

Invoice Number: 125149

Invoice Date: Nov 5, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

Bach Oil Production
R. R. #1 Box 28
Phillipsburg, KS 67661

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Bach	Sammons #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-05	Russell	Nov 5, 2010	12/5/10

Quantity	Item	Description	Unit Price	Amount
250.00	MAT	Class A Common	13.50	3,375.00
5.00	MAT	FL-10	11.80	59.00
250.00	SER	Handling	2.25	562.50
50.00	SER	Mileage 250 sx @ .10 per sk per mi	25.00	1,250.00
1.00	SER	Squeeze	1,159.00	1,159.00
50.00	SER	Pump Truck Mileage	7.00	350.00

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ **1351¹⁰**

ONLY IF PAID ON OR BEFORE
Nov 30, 2010

Subtotal	6,755.50
Sales Tax	216.34
Total Invoice Amount	6,971.84
Payment/Credit Applied	
TOTAL	6,971.84

ALLIED CEMENTING CO., LLC. 041766

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <u>11-5-2010</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>5:30</u>	JOB FINISH <u>6:00PM</u>
LEASE <u>Sammons</u>	WELL # <u>#1</u>	LOCATION <u>Demar N. TO New 24</u>			COUNTY <u>ROCKS</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)		LOCATION <u>4 E 2 N 1/2 W INTO</u>					

CONTRACTOR <u>Co Tools "Petty"</u>	OWNER	
TYPE OF JOB <u>Squeeze "ARB" & "KC" PERFS</u>		
HOLE SIZE	T.D.	CEMENT
CASING SIZE <u>5 1/2"</u>	DEPTH	AMOUNT ORDERED <u>250 SX Comm.</u>
TUBING SIZE <u>2"</u>	DEPTH	<u>5 # CemAD</u>
DRILL PIPE	DEPTH <u>Packer</u>	
TOOL <u>Co. Tools</u>	DEPTH <u>@ 3475 + 3220</u>	
PRES. MAX	MINIMUM	COMMON <u>250 @ 13.50 3375.00</u>
MEAS. LINE	SHOE JOINT	POZMIX @
CEMENT LEFT IN CSG.		GEL @
PERFS. <u>ARB - @ 3581 KC @ 3324-3330</u>		CHLORIDE @
DISPLACEMENT		ASC @

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Gleny</u>
# <u>417</u>	HELPER <u>BILL</u>
BULK TRUCK	
# <u>410</u>	DRIVER <u>GORG</u>
BULK TRUCK	
#	DRIVER

<u>FL-10 5#</u>	@ <u>11.80</u>	<u>59.00</u>
	@	
	@	
	@	
	@	
	@	
HANDLING <u>250</u>	@ <u>2.25</u>	<u>562.50</u>
MILEAGE <u>110/56/pid</u>		<u>1250.00</u>

TOTAL 5246.50

REMARKS:

ARB - PERF Set Packer @ 3475, Took INJ. Rate of 4.8BPM @ 1,000# Mixed 25 SX w/ CemAD & 50 STRAIGHT. Squeezed to 2,000#, KC - PERF Set Packer @ 3220', Load Backside, Took INJ. Rate of 4.8BPM @ 1,000#, Mixed 175 SX STRAIGHT Comm. HAD RUNNING Squeeze @ 2,000#, Released Packer + WASHED AROUND, Pulled up to 1500', overnight
THANKS

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>1159.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>50</u>	@ <u>7.00 350.00</u>
MANIFOLD	@
	@
	@

TOTAL 1509.00

CHARGE TO: Bach Oil Co.

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	



DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723
Alma, NE 68920-0723

ATTN: Jason Bach

11-7s-20w Rooks,KS

Sammon #1

Start Date: 2010.10.24 @ 05:40:49

End Date: 2010.10.24 @ 12:53:43

Job Ticket #: 40867 DST #: 1

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Bach Oil Prodction
 P O Box 723
 Alma, NE 68920-0723
 ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks, KS
 Job Ticket: 40867 S#1
 Test Start: 2010.10.24 @ 05:40:49

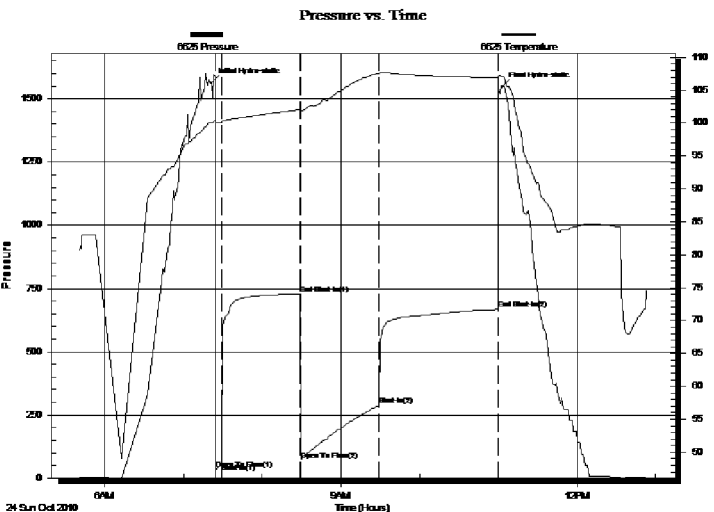
GENERAL INFORMATION:

Formation: or **K** " " "
 Deiated: No hipstock: ft KB Test Type: onentional Bottom Hole
 Time Tool Opened: 07:24:44 Tester: Ray Schager
 Time Test Ended: 12:53:43 nit No: 42
 Reference Eleations: 2116.00 ft KB
 Total Depth: 3375.00 ft KB TD 2111.00 ft F
 Hole Diameter: 7.88 inches Hole ondition: Fair KB to RF: 5.00 ft

Serial # **2** **i**nsid
 Press@RnDepth: 288.0psig @ 3352.00 ft KB apacity: 8000.00 psig
 Start Date: 2010.10.24 End Date: 2010.10.24 Last alib.: 2010.10.24
 Start Time: 05:40:49 End Time: 12:53:43 Time On Btm: 2010.10.24 @ 07:21:14
 Time Off Btm: 2010.10.24 @ 11:03:13

TEST OMMENT: IFP-k to a fr bl 12"to 5 12"bl
 ISIP-no bl bk
 FFP-k to strg in 35 min
 FSIP-no bl bk

PRESSRE SMMAR



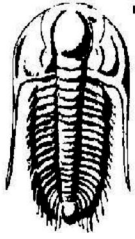
Time Min.	Pressre psig	Temp deg F	Annotation
0	1563.06	100.06	Initial Hydro-static
4	33.34	100.15	Open To Flo1
8	58.94	100.15	Sht-In1
68	728.44	102.05	End Sht-In1
68	72.35	101.82	Open To Flo2
128	288.09	107.58	Sht-In2
219	666.97	106.93	End Sht-In2
222	1546.58	107.03	Final Hydro-static

Recoery

Length ft	Description	olme tbl
10.00	O	0.14
140.00	MO 45M55O	1.96
248.00	OM 10O3060M	3.48
62.00	OM 5O10M85	0.87
124.00	ater	1.74

as Rates

hole inches	Pressre psig	as Rate Mcfd



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

00 000 R M

Bach Oil Prodction
P O Box 723
Alma, NE 68920-0723
ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks,KS
Job Ticket: 40867 **S#1**
Test Start: 2010.10.24 @ 05:40:49

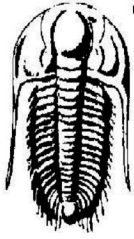
Tool Information

Drill Pipe:	Length: 3268.00 ft	Diameter: 3.80 inches	olme: 45.84 bbl	Tool eight:	2200.00 lb
Heavy t. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	olme: 0.00 bbl	eight set on Packer:	25000.00 lb
Drill collar:	Length: 0.00 ft	Diameter: 0.00 inches	olme: 0.00 bbl	eight to PII Loose:	55000.00 lb
			<u>Total olme: 45.84 bbl</u>	Tool hased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String eight: Initial	41000.00 lb
Depth to Top Packer:	3282.00 ft			Final	43000.00 lb
Depth to Bottom Packer:	ft				
Interval beteen Packers:	93.00 ft				
Tool Length:	114.00 ft				
Nmber of Packers:	2	Diameter: 6.75 inches			
Tool omments:					

Tool Description Length ft Serial Position Depth ft Accum Units

Change Over Sb	1.00			3262.00		
Sht In Tool	5.00			3267.00		
Hydraulic tool	5.00			3272.00		
Packer	5.00			3277.00	21.00	Bottom Of Top Packer
Packer	5.00			3282.00		
Stbb	1.00			3283.00		
Perforations	4.00			3287.00		
Blank Spacing	65.00			3352.00		
Recorder	0.00	6625	Inside	3352.00		
Recorder	0.00	8652	Otside	3352.00		
Perforations	20.00			3372.00		
BlInose	3.00			3375.00	93.00	Bottom Packers Anchor

Total Tool Length 1100



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

□□□□ **S□MM□R□**

Bach Oil Prodction
P O Box 723
Alma, NE 68920-0723
ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks,KS
Job Ticket: 40867 **S□#1**
Test Start: 2010.10.24 @ 05:40:49

Mud and Cushion Information

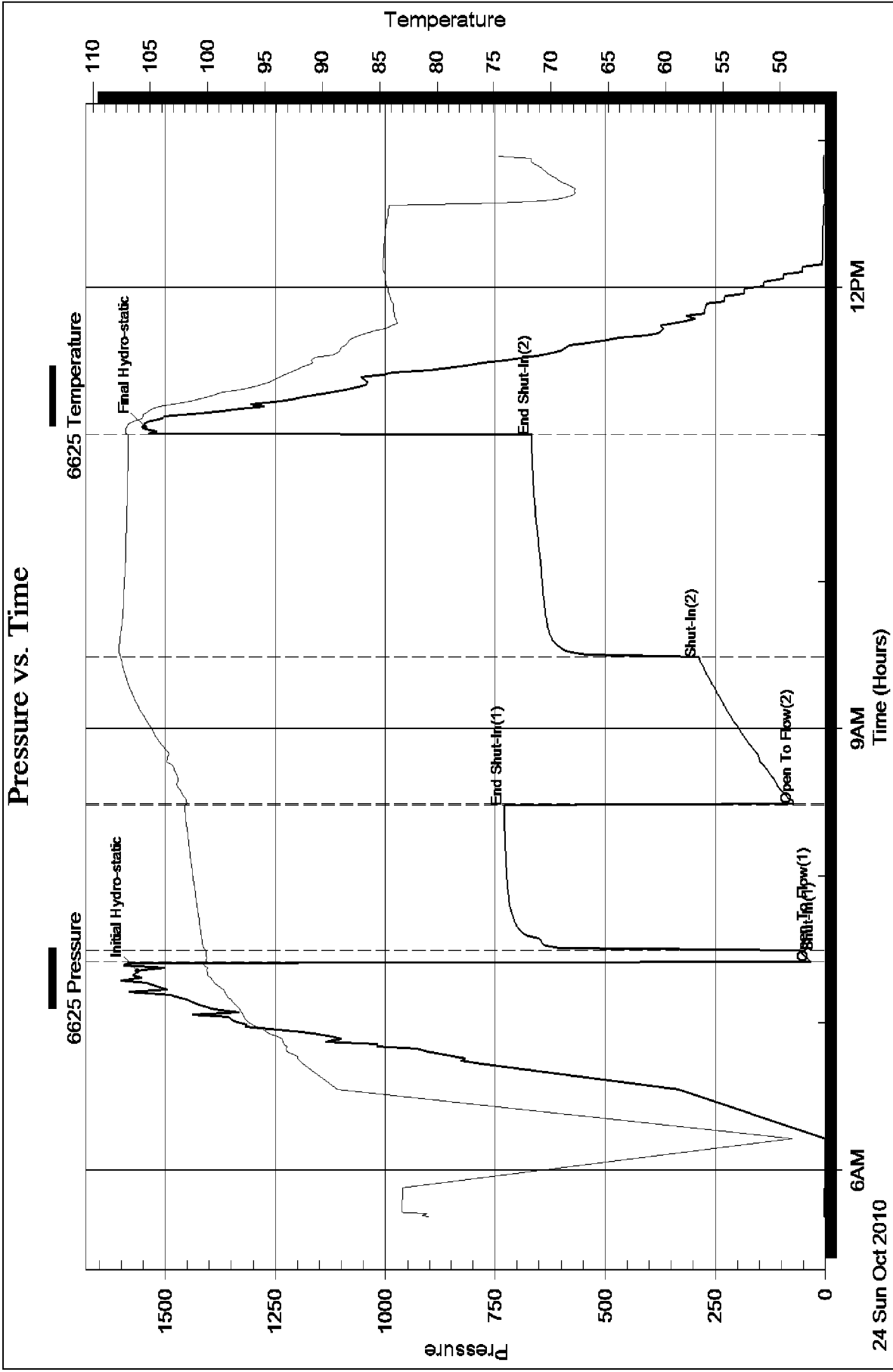
Md Type:	el hem	shion Type:		Oil API:	31 deg API
Md eight:	9.00 lbgal	shion Length:	ft	ater Salinity:	30000 ppm
iscosity:	51.00 sect	shion olme:	bbbl		
ater Loss:	8.73 in	as shion Type:			
Resistiity:	ohm.m	as shion Presse:	psig		
Salinity:	1000.00 ppm				
Filter ake:	1.00 inches				

R□co□□r□ Information

Recoery Table

Length ft	Description	olme bbbl
10.00	O	0.140
140.00	MO 45M55O	1.964
248.00	OM 10O3060M	3.479
62.00	OM 5O10M85	0.870
124.00	ater	1.739

Total Length: 584.00 ft Total olme: 8.192 bbl
Nm Flid Samples: 0 Nm as Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recoery omments: R .23@70F





DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723
Alma, NE 68920-0723

ATTN: Jason Bach

11-7s-20w Rooks,KS

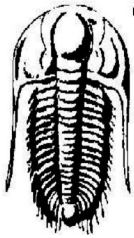
Sammon #1

Start Date: 2010.10.25 @ 02:48:08

End Date: 2010.10.25 @ 09:38:32

Job Ticket #: 40867 DST #: 2

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Bach Oil Prodction
P O Box 723
Alma, NE 68920-0723
ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks,KS
Job Ticket: 40867 **S#2**
Test Start: 2010.10.25 @ 02:48:08

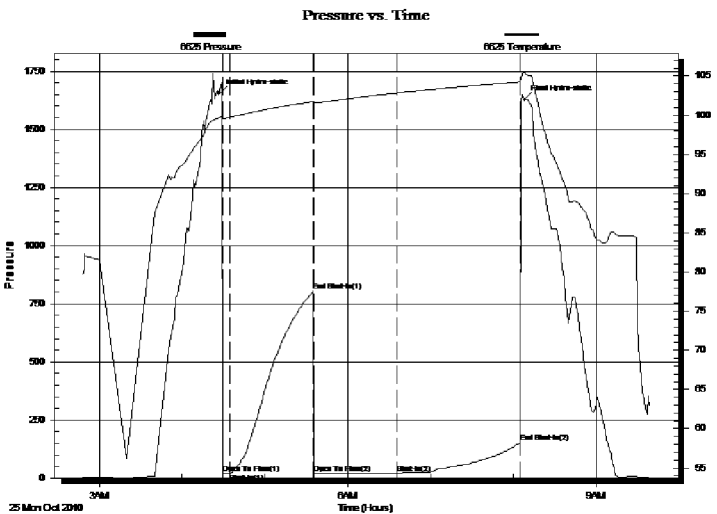
GENERAL INFORMATION:

Formation: K -K
Deiated: No hipstock: ft KB Test Type: onentional Bottom Hole
Time Tool Opened: 04:29:33 Tester: Ray Schager
Time Test Ended: 09:38:32 nit No: 42
nt r al **00 t KB o** **2 00 t KB**
Total Depth: 3525.00 ft KB TD Reference Eleations: 2116.00 ft KB
Hole Diameter: 7.88 inches Hole ondition: Fair KB to RF: 5.00 ft
2111.00 ft F

Srial # **2** **insid**
Press@RhDepth: 22.7psig @ 3507.00 ft KB apacity: 8000.00 psig
Start Date: 2010.10.25 End Date: 2010.10.25 Last alib.: 2010.10.25
Start Time: 02:48:08 End Time: 09:38:32 Time On Btm: 2010.10.25 @ 04:27:03
Time Off Btm: 2010.10.25 @ 08:08:02

TEST COMMENT: IFP-k bl 12"to 1"bl
ISIP-no bl bk
FFP-k bl srface to 14"
FSIP-no bl bk

PRESSRE SMMAR



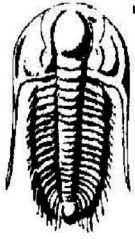
Time Min.	Pressre psig	Temp deg F	Annotation
0	1653.24	99.65	Initial Hydro-static
3	18.82	99.57	Open To Flo1
8	20.37	99.72	Sht-In1
68	803.90	101.73	End Sht-In1
69	18.89	101.60	Open To Flo2
129	22.70	102.84	Sht-In2
218	153.09	104.25	End Sht-In2
221	1627.31	105.44	Final Hydro-static

Recoery

Length ft	Description	olme tbl
1.00	O	0.01
15.00	OM 10O90M	0.21

as Rates

hole inches	Pressre psig	as Rate Mcfd
-------------	--------------	--------------



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

00 000 R M

Bach Oil Prodction
P O Box 723
Alma, NE 68920-0723
ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks,KS
Job Ticket: 40867 **S#12**
Test Start: 2010.10.25 @ 02:48:08

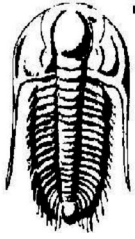
Tool Information

Drill Pipe:	Length: 3422.00 ft	Diameter: 3.80 inches	olme: 48.00 bbl	Tool eight:	2200.00 lb
Heay t. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	olme: 0.00 bbl	eight set on Packer:	25000.00 lb
Drill collar:	Length: 0.00 ft	Diameter: 0.00 inches	olme: 0.00 bbl	eight to Pll Loose:	50000.00 lb
			<u>Total olme: 48.00 bbl</u>	Tool hased	0.00 ft
Drill Pipe Aboe KB:	5.00 ft			String eight: Initial	38000.00 lb
Depth to Top Packer:	3438.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interal beteen Packers:	87.00 ft				
Tool Length:	108.00 ft				
Nmber of Packers:	2	Diameter: 6.75 inches			
Tool omments:					

Tool Description Length ft Serial no Position Depth ft Accum Lengths

Change Over Sb	1.00			3418.00	
Sht In Tool	5.00			3423.00	
Hydraulic tool	5.00			3428.00	
Packer	5.00			3433.00	21.00 Bottom Of Top Packer
Packer	5.00			3438.00	
Stbb	1.00			3439.00	
Perforations	3.00			3442.00	
Blank Spacing	65.00			3507.00	
Recorder	0.00	6625	Inside	3507.00	
Recorder	0.00	8652	Otside	3507.00	
Perforations	15.00			3522.00	
BlInose	3.00			3525.00	87.00 Bottom Packers Anchor

Total Tool Length 1000



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

□□□□ **S□MM□R□**

Bach Oil Prodction
P O Box 723
Alma, NE 68920-0723
ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks,KS
Job Ticket: 40867 **S#12**
Test Start: 2010.10.25 @ 02:48:08

Mud and Cushion Information

Md Type:	el hem	shion Type:		Oil API:	deg API
Md eight:	9.00 lbgal	shion Length:	ft	ater Salinity:	ppm
iscosity:	57.00 sect	shion olme:	bbl		
ater Loss:	7.92 in	as shion Type:			
Resistiity:	ohm.m	as shion Presse:	psig		
Salinity:	2000.00 ppm				
Filter ake:	1.00 inches				

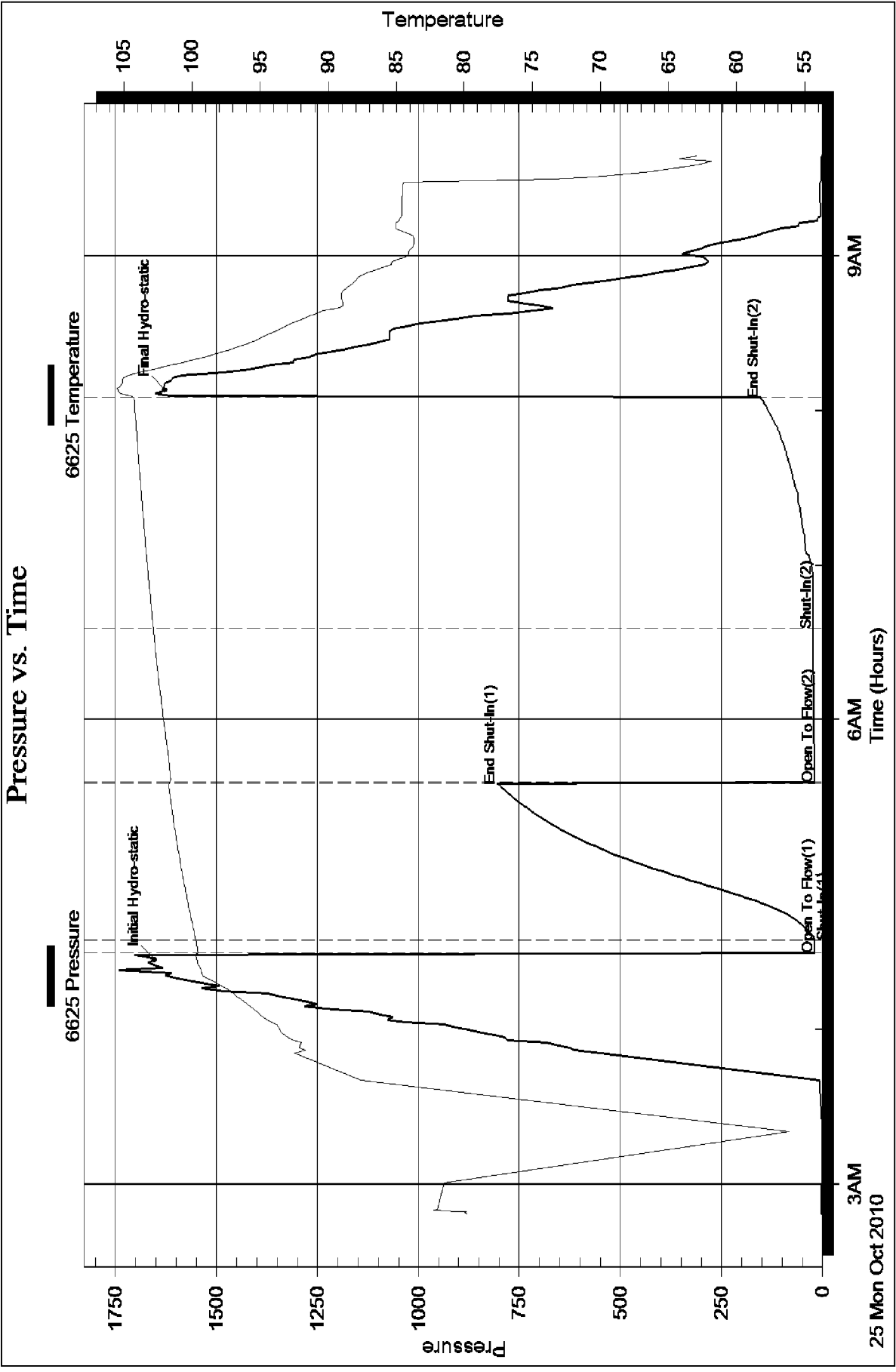
Recovery Information

Recoery Table

Length ft	Description	olme bbl
1.00	O	0.014
15.00	OM 10O90M	0.210

Total Length: 16.00 ft Total olme: 0.224 bbl
Nm Flid Samples: 0 Nm as Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recoery omments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723
Alma, NE 68920-0723

ATTN: Jason Bach

11-7s-20w Rooks,KS

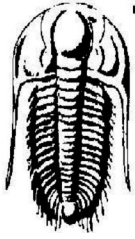
Sammon #1

Start Date: 2010.10.26 @ 00:48:29

End Date: 2010.10.26 @ 08:16:23

Job Ticket #: 40869 DST #: 3

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Bach Oil Prodction
 P O Box 723
 Alma, NE 68920-0723
 ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks,KS
 Job Ticket: 40869 S#
 Test Start: 2010.10.26 @ 00:48:29

GENERAL INFORMATION:

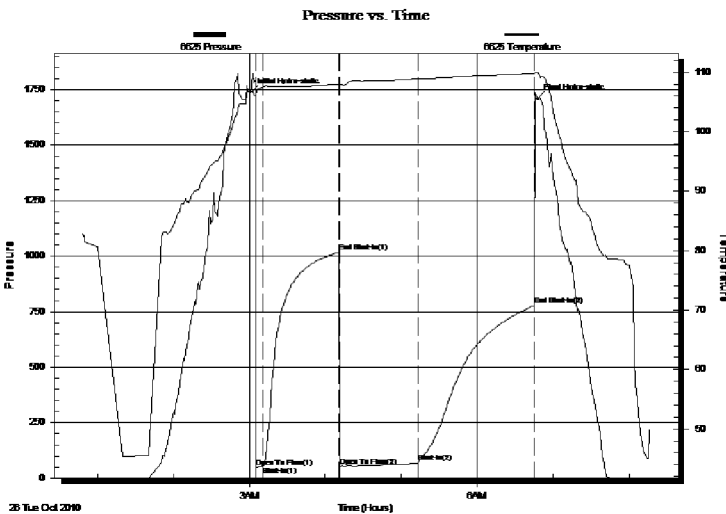
Formation: ruckl
 Deiated: No hipstock: ft KB Test Type: onentional Straddle
 Time Tool Opened: 03:05:24 Tester: Ray Schager
 Time Test Ended: 08:16:23 nit No: 42
 Reference Eleations: 2116.00 ft KB
 Total Depth: 3650.00 ft KB TD 2111.00 ft F
 Hole Diameter: 7.88 inches Hole ondition: Fair KB to RF: 5.00 ft

Srial # 2 nsid
 Press@RhDepth: 69.73psig @ 3586.00 ft KB apacity: 8000.00 psig
 Start Date: 2010.10.26 End Date: 2010.10.26 Last alib.: 2010.10.26
 Start Time: 00:48:29 End Time: 08:16:23 Time On Btm: 2010.10.26 @ 03:00:54
 Time Off Btm: 2010.10.26 @ 06:47:23

TEST COMMENT: IFP-k bl 14"to 1"bl
 ISIP-no bl
 FFP-k bl srface to
 FSIP-no bl

PRESSRE SMMAR

Time Min.	Pressre psig	Temp deg F	Annotation
0	1737.73	107.09	Initial Hydro-static
5	50.16	106.09	Open To Flo1
10	53.13	107.52	Sht-In1
70	1018.35	107.99	End Sht-In1
71	55.46	107.78	Open To Flo2
132	69.73	108.92	Sht-In2
224	778.75	109.79	End Sht-In2
227	1708.64	109.97	Final Hydro-static

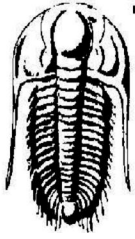


Recoery

Length ft	Description	olme tbl
20.00	O	0.28
35.00	OM 15O85M	0.49

as Rates

hole inches	Pressre psig	as Rate Mcfd



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Bach Oil Prodction
 P O Box 723
 Alma, NE 68920-0723
 ATTN: Jason Bach

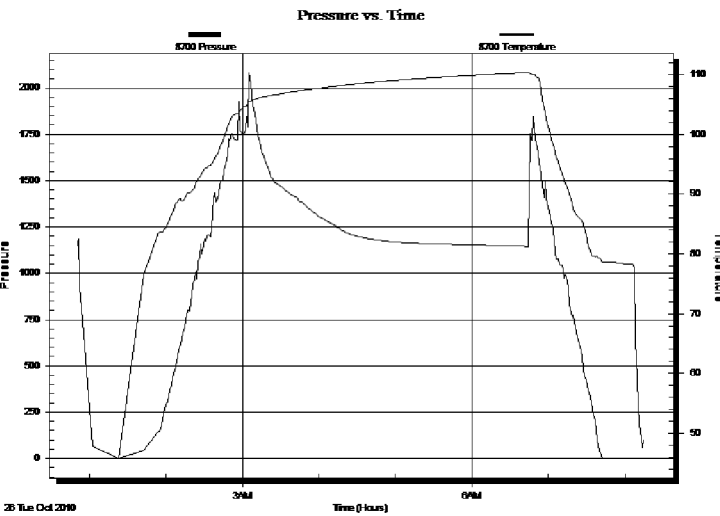
Sammon #1
11-7s-20w Rooks,KS
 Job Ticket: 40869 S#
 Test Start: 2010.10.26 @ 00:48:29

GENERAL INFORMATION:

Formation: r uckl
 Deiated: No hipstock: ft KB Test Type: onentional Straddle
 Time Tool Opened: 03:05:24 Tester: Ray Schager
 Time Test Ended: 08:16:23 nit No: 42
 nt r al 1 00 t KB o 00 t KB Reference Eleations: 2116.00 ft KB
 Total Depth: 3650.00 ft KB TD 2111.00 ft F
 Hole Diameter: 7.88 inches Hole ondition: Fair KB to RF: 5.00 ft

Serial # **700** **B**low **Straddl**
 Press@RhDepth: psig @ 3618.00 ft KB apacity: 8000.00 psig
 Start Date: 2010.10.26 End Date: 2010.10.26 Last alib.: 2010.10.26
 Start Time: 00:50:56 End Time: 08:15:55 Time On Btm: Time Off Btm:

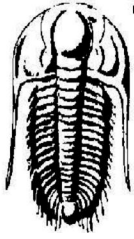
TEST COMMENT: IFP-k bl 14"to 1"bl
 ISIP-no bl
 FFP-k bl srface to
 FSIP-no bl



PRESSRE SMMAR			
Time Min.	Pressre psig	Temp deg F	Annotation

Recoery		
Length ft	Description	olme tbl
20.00	O	0.28
35.00	OM 15O85M	0.49

as Rates			
	hole inches	Pressre psig	as Rate Mcfd



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

00 000 R M

Bach Oil Prodction
P O Box 723
Alma, NE 68920-0723
ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks,KS
Job Ticket: 40869 **S#**
Test Start: 2010.10.26 @ 00:48:29

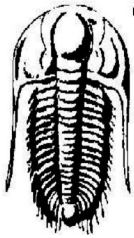
Tool Information

Drill Pipe:	Length: 3514.00 ft	Diameter: 3.80 inches	olme: 49.29 bbl	Tool eight:	2200.00 lb
Heay t. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	olme: 0.00 bbl	eight set on Packer:	25000.00 lb
Drill collar:	Length: 0.00 ft	Diameter: 0.00 inches	olme: 0.00 bbl	eight to Pll Loose:	50000.00 lb
			<u>Total olme: 49.29 bbl</u>	Tool hased	0.00 ft
Drill Pipe Aboe KB:	16.00 ft			String eight: Initial	38000.00 lb
Depth to Top Packer:	3519.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	3598.00 ft				
Interal beteen Packers:	79.00 ft				
Tool Length:	156.00 ft				
Nmber of Packers:	3	Diameter: 6.75 inches			
Tool omments:					

ool **cription** **n** **th** **Serial** **oo** **Position** **th** **ccum** **n** **ths**

hange Oer Sb	1.00			3499.00		
Sht In Tool	5.00			3504.00		
Hydraulic tool	5.00			3509.00		
Packer	5.00			3514.00	21.00	Bottom Of Top Packer
Packer	5.00			3519.00		
Stbb	1.00			3520.00		
Perforations	1.00			3521.00		
Blank Spacing	65.00			3586.00		
Recorder	0.00	6625	Inside	3586.00		
Recorder	0.00	8652	Otside	3586.00		
Perforations	8.00			3594.00		
Blank Off Sb	1.00			3595.00		
Blank Spacing	3.00			3598.00	79.00	Tool Interal
Packer	5.00			3603.00		
Stbb	1.00			3604.00		
Perforations	14.00			3618.00		
Recorder	0.00	8700	Belo	3618.00		
Blank Spacing	33.00			3651.00		
Bllnose	3.00			3654.00	56.00	Bottom Packers Anchor

total **ool** **n** **th** **1** **00**



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

□□□□ **S□MM□R□**

Bach Oil Prodction
P O Box 723
Alma, NE 68920-0723
ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks,KS
Job Ticket: 40869 □S□#□□
Test Start: 2010.10.26 @ 00:48:29

Mud and Cushion Information

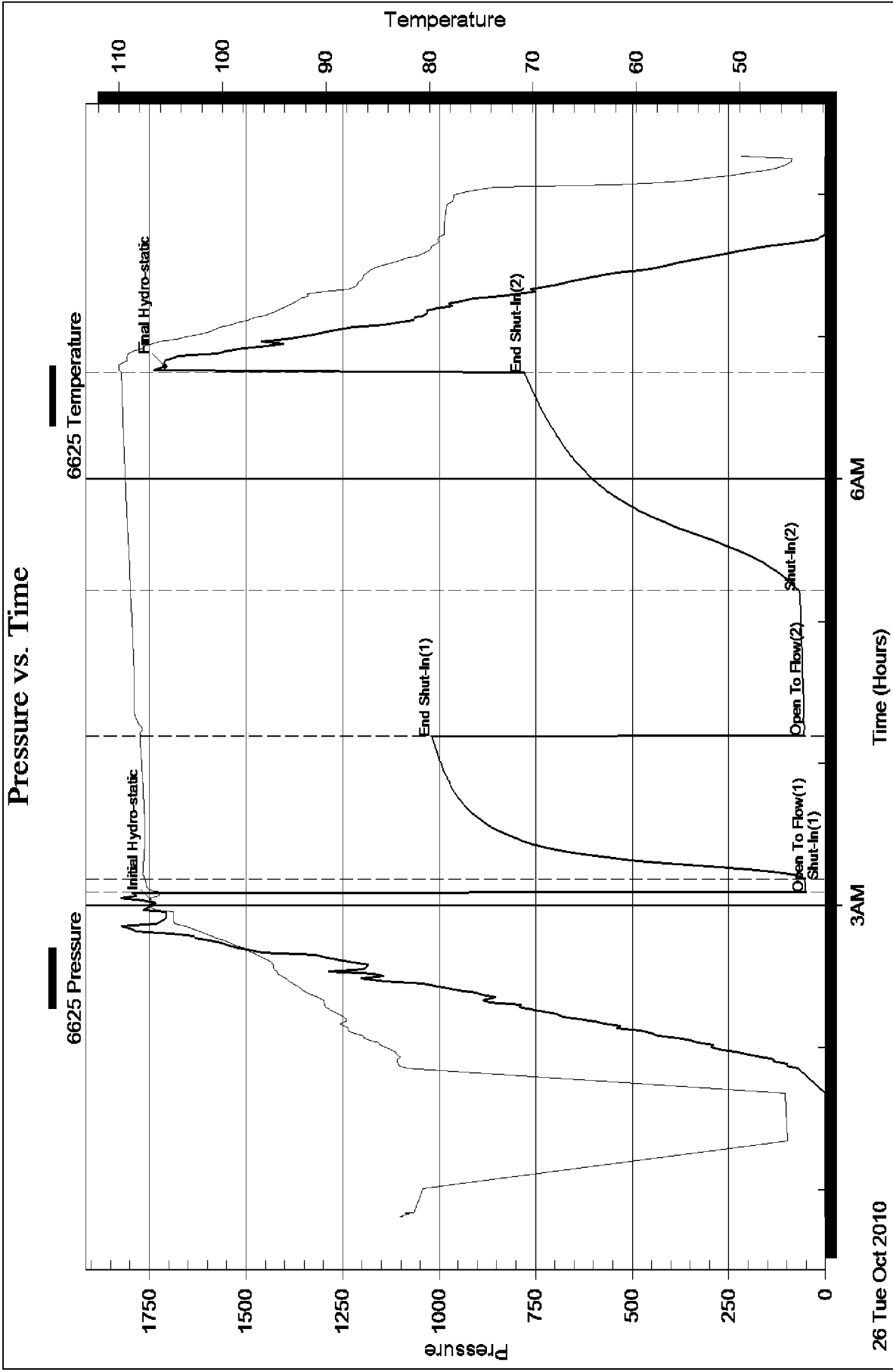
Md Type:	el hem	shion Type:		Oil API:	18 deg API
Md eight:	9.00 lbgal	shion Length:	ft	ater Salinity:	ppm
iscosity:	67.00 sect	shion olme:	dbl		
ater Loss:	8.77 in	as shion Type:			
Resistiity:	ohm.m	as shion Presse:	psig		
Salinity:	3000.00 ppm				
Filter ake:	1.00 inches				

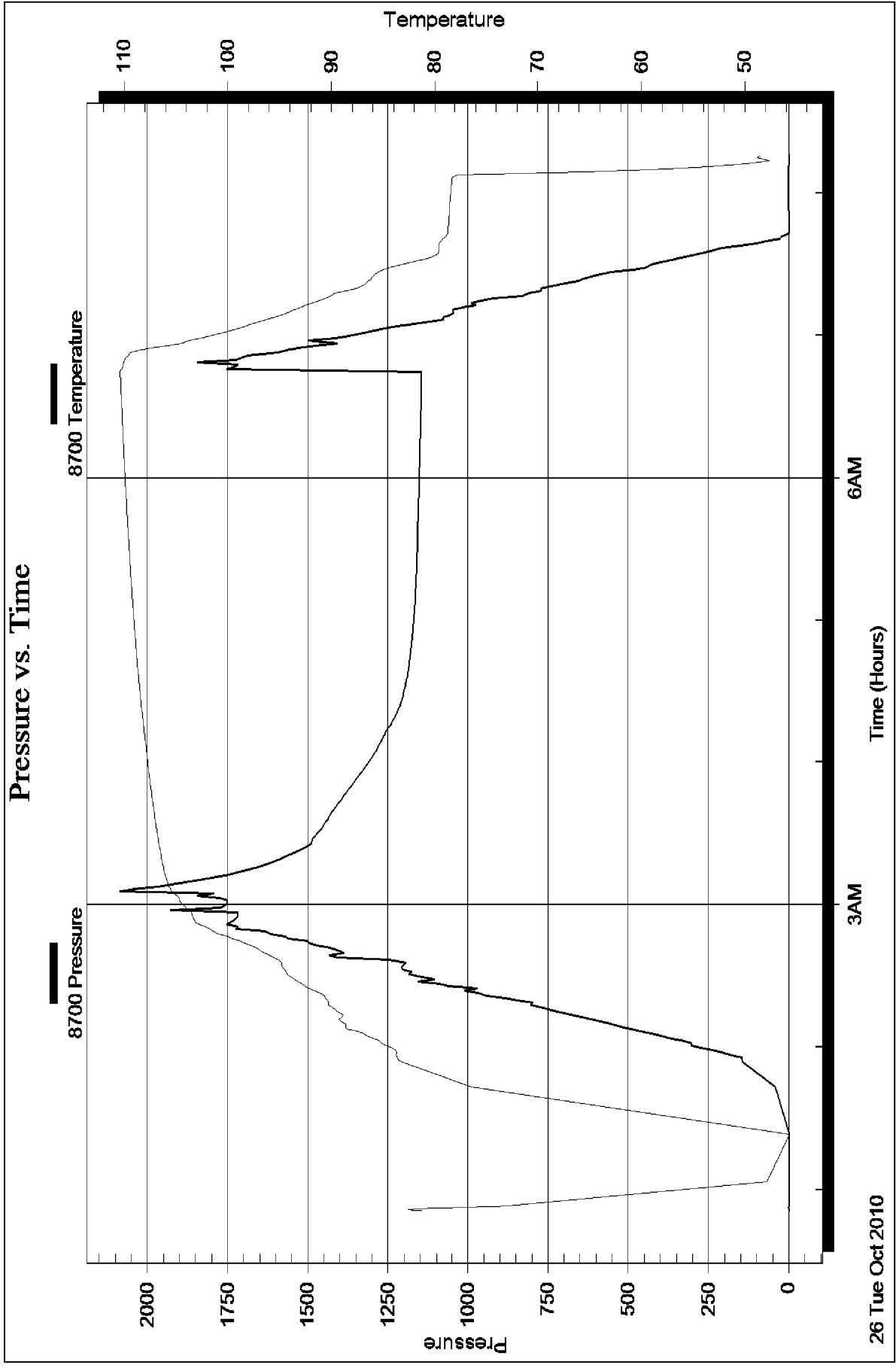
Recovery Information

Recoery Table

Length ft	Description	olme dbl
20.00	O	0.281
35.00	OM 15O85M	0.491

Total Length: 55.00 ft Total olme: 0.772 dbl
Nm Flid Samples: 0 Nm as Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recoery omments:





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 BACH OIL PRODUCTION (31569)

WELL Sammons #1

FIELD Wildcat

LOCATION (legal) Ap. NE SE SW SE
(530' FSL & 1450' FEL)

Section 11 TWP 7S RGE 20W

(Map) _____

COUNTY Rooks STATE Kansas

ELEVATION: 2116' K.B., 2111' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-163-23898

GEOLOGY BY Randall Kilian
Tobis Eck

PERTINENT WELL DATA

CONTRACTOR Murfin Drilling Co., Inc. (30606)

RIG #16 HYDRAULICS D-375 6x14x60
(Andy Dinkel TP)

DRILL PIPE 4 1/2" X-H COLLARS 6 1/2" 16 (475')

CASING: SURFACE 8 5/8" @ 218' w/ 150 sx Common

PRODUCTION 5 1/2" @ 3647' w/ 150 sx Common
PC in Anh.

DRILLING FLUID: COMPANY Andy's Mud & Chemical Co.
(Ken Rupp)

TYPE: Chemical & Drispac

REMARKS: Full service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.
(Ray Schwager)

NUMBER OF TESTS Three (3)

ELECTIC LOGS: COMPANY Pioneer Log-Tech Inc.

DETAIL (5") 3000' - RTD

TYPE DI, Comp N-D, Micro

DRILLING TIME FROM 3000' TO RTD

SAMPLE TIME FROM 3000' TO RTD

SUPERVISION FROM 3000' TO RTD

VERTICAL DEVIATION 1/2° @ 218', 1/2° @ 2166', 1/2° @ 3375'
1° @ 3650'

PLUGGING REPORT 30 sx Rat, 15 sx Mouse

RESERVE PIT 500 bbls., Chl. 21,000 Ca 200

DRILL STEM TESTS

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	Top-C 3282- 3375'	33# 58# 5"	728# 60"	72# 288# 60"	666# 90"	1563# 1546#	150' M, Oil 31° 248' O, C, W, Mud 186' M, Wtr
2	LKc H-K 3438- 3525'	18# 20# 5"	803# 60"	18# 22# 60"	153# 90"	1653# 1627#	1' Oil 15' O, C, Mud
3	Arb. 3519- 3598'	50# 53# 5"	1018# 60"	55# 69# 60"	778# 90"	1737# 1708#	20' Oil 18° 35' O, C, Mud 15% O
4							
5							
6							
7							
8							

MUD RECORD						
CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	2880'					
2	3031'	8.9	43	8.8	1k	12
3	3120'	8.9	53			
4	3210'	8.9	54			
5	3310'	9.0	51			
6	3375'	9.2	48	8.0	2k	14
7	3450'	8.9	60			
8	3525'	9.2	61	8.8	3k	16
9	3640'	9.2	67			
10						
11						

Displaced
LOM 3/4#

LOM 1#
LOM 3/4#
LOM 2#
LOM 1# #590
LOM 3#

BIT RECORD						
NO	SIZE	MAKE	TYPE	DEPTH-OUT	FEET	HOURS
1	12 1/2"	Sec.		218'	218'	3
2	7 7/8"	HICo.	GX20C	3375'	3157'	67 3/4
3	7 7/8"	HICo.	GX20C	3650'	275'	12
4						
5						
6						
7						

SUMMARY

The Sammons #1 well was drilled with Murfin Drilling Co. tools rig #16 beginning 10-20-10 and drilling was completed 10-26-10.

The drillsite was located via a 3-D seismic survey. The well ran high structurally to the dry hole north.

DST #1 Tor-LKc C was a positive test with oil coming from 1 zone and water from another zone. DST #2 LKc H-K was tite and DST #3 Arb. had 20' Oil & 35' O.C. Mud 1018-778# SIP (building pressures).

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

Recommended perfs: Arb. 3581-90', LKc I 3476-78',
A 3324-25', Tor. 3308-10, and possibly
Plattsmouth 3236-38'.

Respectfully,

Randy

Randall Kilian

DRILLING TIME (min/ft)

1/2 1 2 3 4 5 6 7 8 9 10

SHOWS
POOR
FAIR
GOOD
6000

LITHOLOGY (LAGGED)

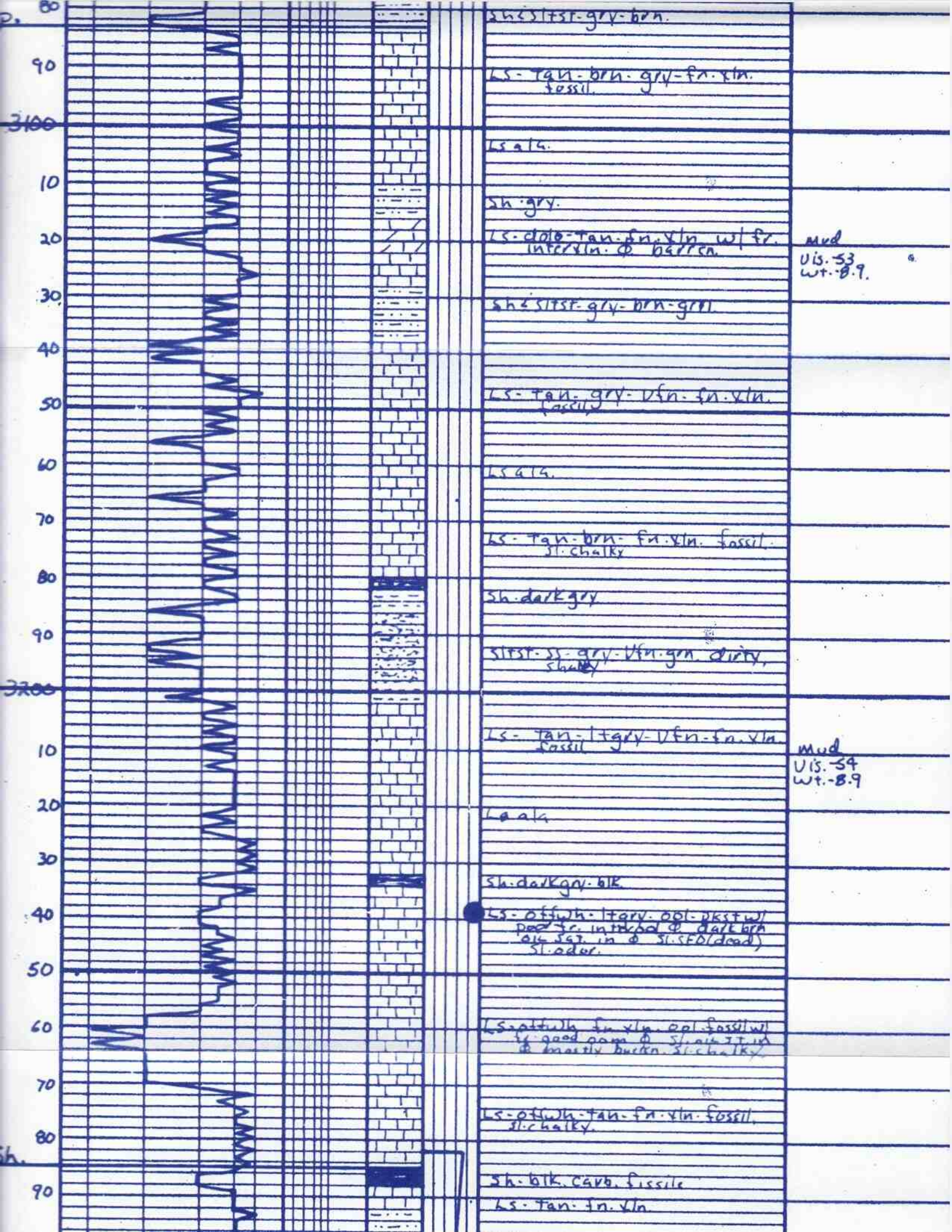
REMARKS

Depth (ft)	Drilling Time (min/ft)	Shows	Lithology (Lagged)	Remarks
70				
80				
90				
1700				
10				
2000				
10				
20				
30			sh + sltst - gry - brn.	Mud vis. 43 V.P. - 12 wt. 8.9 chl. 1K wl. 8.8 KCM - 3/4#
40			ls - tan - brn - gry - fn - xln fossil.	
50				
60			sh + sltst - gry - brn.	
70			ls - tan - gry - fn - xln fossil PLANKY	g.c. on location 9:30am 10-23-10
80			sh + sltst - gry - brn.	
90			ls - tan - brn - gry - fn - xln. fossil	

Displaced @ 2000'

Mud
vis. 43 V.P. - 12
wt. 8.9 chl. 1K
wl. 8.8 KCM - 3/4#

g.c. on location
9:30am
10-23-10



sh. siltst. gry-brn.

ls. tan-brn. gry-fn. vln. fossil.

ls. silt.

sh. gry.

ls. dol. tan. fn. vln. w/ fr. inter vln. & barren.

mud
vis. 53
wt. 8.9

sh. siltst. gry-brn-gri.

ls. tan. gry. vfn. fn. vln. fossil.

ls. silt.

ls. tan-brn. fn. vln. fossil. sl. chalky.

sh. dark gry.

siltst. sl. gry. vfn. gm. dirty. sh. chalky.

ls. tan-lt gry. vfn. fn. vln. fossil.

mud
vis. 54
wt. 8.9

ls. silt.

sh. dark gry. blk.

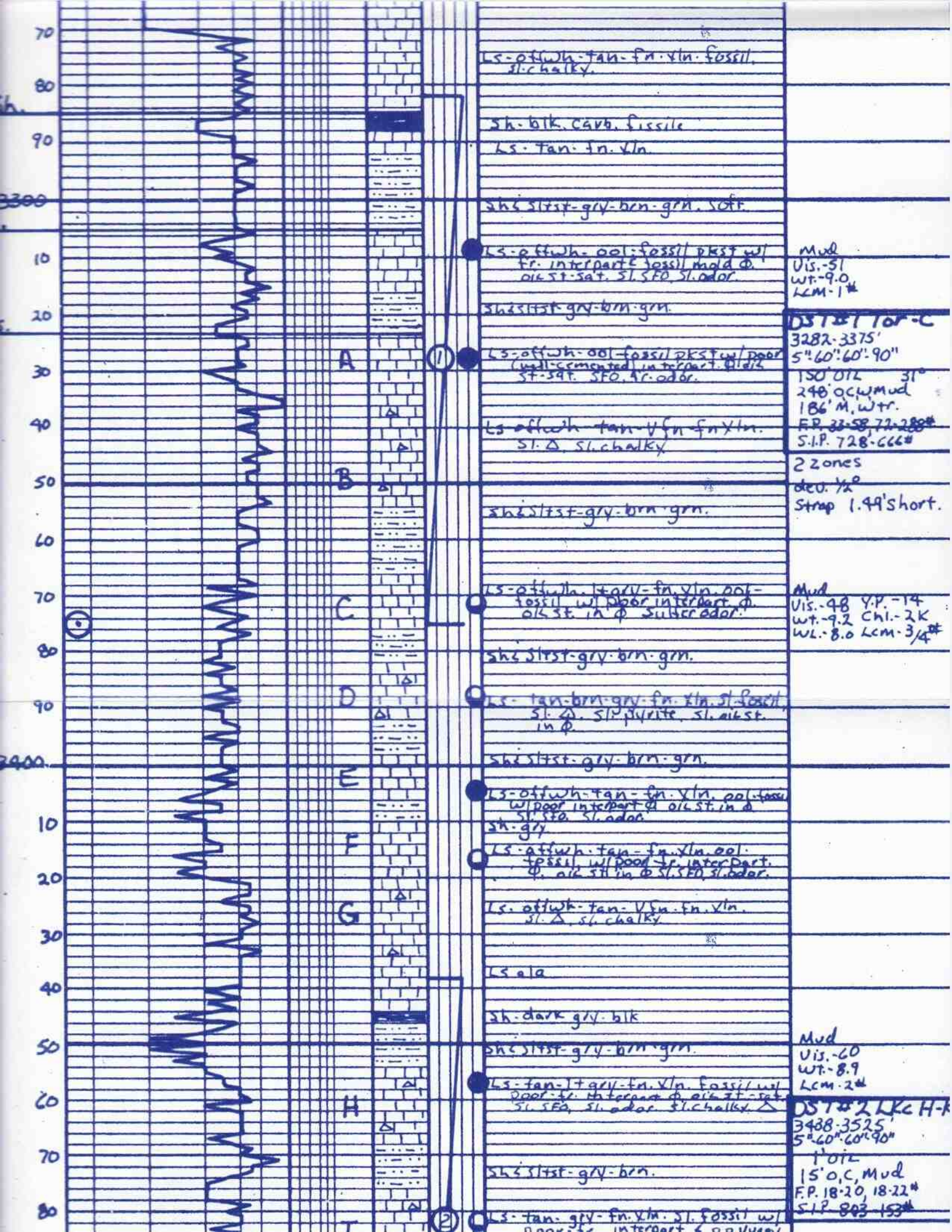
ls. offwh. lt gry. ool. dkst w/ poor fr. in interval of dark brn. ool. silt. in & sl. silt (dead) sl. odor.

ls. silt. tan. vln. ool. fossil w/ fr. good am of sl. silt in & mostly brn. sl. chalky.

ls. offwh. tan. fn. vln. fossil. sl. chalky.

sh. blk. carb. fissile.

ls. tan. fn. vln.



LS-offwh-tan-fn.vln. fossil. sl. chalky.

sh. blk. carb. fissile
LS-tan-fn.vln.

sh. sltst-grv-brn-grn. soft.

LS-offwh-ool-fossil pkst w/ fr. interpart. fossil mold φ. oil st. sat. sl. sfo. sl. odor.

Mud
Vis.-51
wt.-9.0
Lcm-1#

sh. sltst-grv-brn-grn.

DST #1 Tor-C

LS-offwh-ool-fossil pkst w/ poor (well cemented) interpart. φ. oil st. sat. sfo. yr. odor.

3282-3375'
5" 60' 60' 90"
150' oil 31°
248' oil mud
186' M. wtr.
F.P. 33-58, 72-288#
S.I.P. 728-666#

LS-offwh-tan-vfn-fn.vln. sl. Δ. sl. chalky.

2 zones
dev. 1/2°
Strap 1.49' short.

sh. sltst-grv-brn-grn.

LS-offwh. l+grv-fn.vln. ool-fossil w/ poor interpart. φ. oil st. in φ. subodor.

Mud
Vis.-48 Y.P.-14
wt.-9.2 Chl.-2K
wl.-8.0 Lcm-3/4#

sh. sltst-grv-brn-grn.

LS-tan-brn-grv-fn.vln. sl. fossil. sl. Δ. sl. pyrite. sl. oil st. in φ.

sh. sltst-grv-brn-grn.

LS-offwh-tan-fn.vln. oil-tan w/ poor interpart. φ. oil st. in φ. sl. sfo. sl. odor.

LS-offwh-tan-fn.vln. ool-fossil w/ poor interpart. φ. oil st. in φ. sl. sfo. sl. odor.

LS-offwh-tan-vfn-fn.vln. sl. Δ. sl. chalky.

LS o.l.

sh. dark grv. blk

sh. sltst-grv-brn-grn.

Mud
Vis.-60
wt.-8.9
Lcm-2#

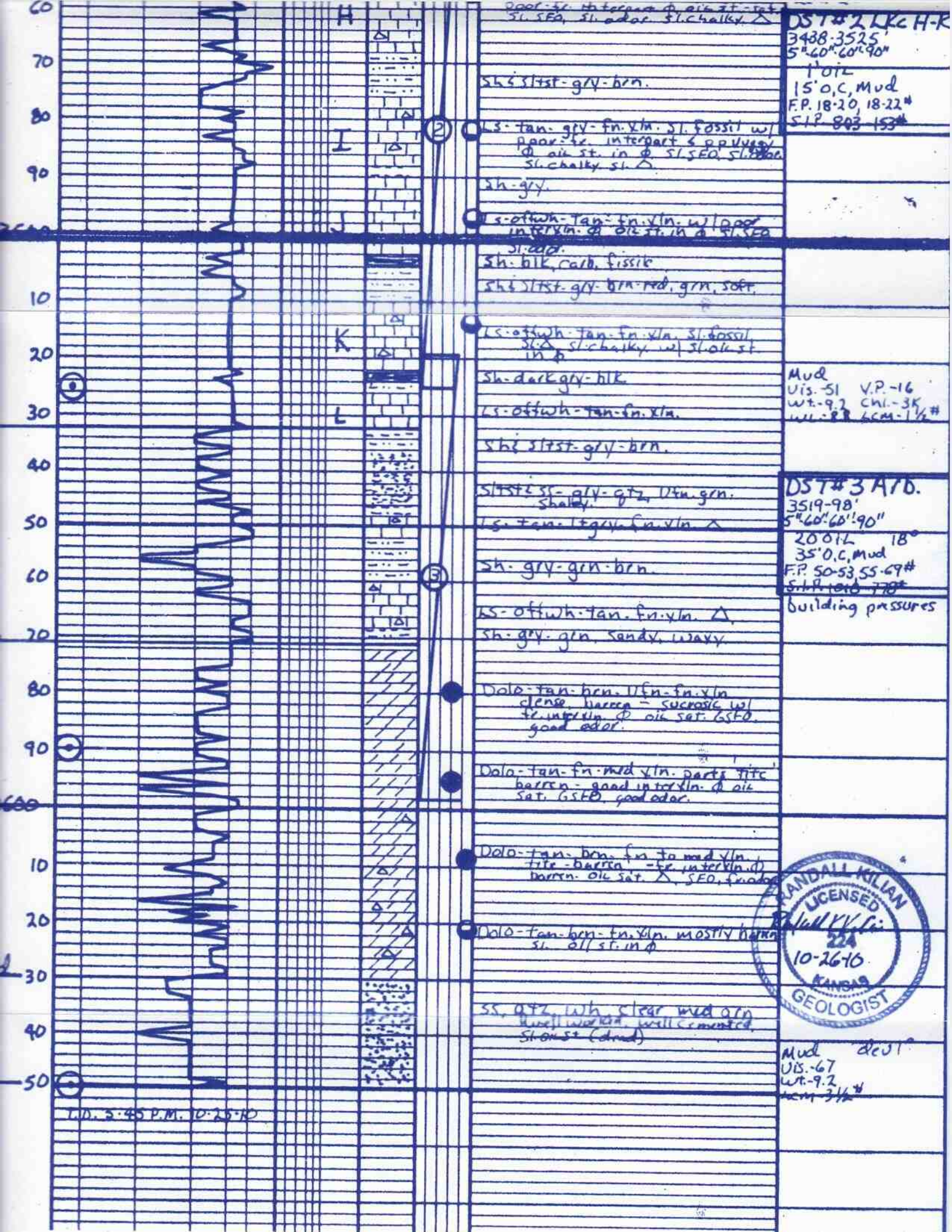
LS-tan-l+grv-fn.vln. fossil w/ poor interpart. φ. oil st. sat. sl. sfo. sl. odor. sl. chalky.

DST #2 LKc H-K

sh. sltst-grv-brn.

3488-3525'
5" 60' 60' 90"
1' oil
15' O.C. Mud
F.P. 18-20, 18-22#
S.I.P. 803-153#

LS-tan-grv-fn.vln. sl. fossil w/ poor interpart. φ. oil st. sat.



poor fr. interpart. oil st. in sl. seo, sl. shaly

DST # 2 LK H-K
 3438-3525'
 5" 60' 60' 90"
 1" oil
 15' O.C. Mud
 F.P. 18-20, 18-22"
 SIP 803-153#

sh. sltst-grv-brn.

I

ls. tan-grv-fn. vln. sl. fossil w/ poor fr. interpart & p. vuggy
 oil st. in sl. seo, sl. shaly

sh-grv.

J

ls. offwh-tan-fn. vln. w/ poor interpart. oil st. in sl. seo

sh. blk, carb. fissile
 sh. sltst-grv-brn-red, grn, soft.

K

ls. offwh-tan-fn. vln. sl. fossil
 sh. shaly w/ shale st

sh. dark gry-blk

Mud
 Vis. 51 V.P. -16
 Wt. 9.2 Chl. -3K
 Wt. 8.8 GCM - 1 1/2 #

L

ls. offwh-tan-fn. vln.

sh. sltst-grv-brn.

sltst sl. gry-gtz, Dtn. grn.
 shaly.

DST # 3 A/D.
 3519-98'
 5" 60' 60' 90"
 20 oil 18"
 35' O.C. Mud
 F.P. 50-53 55-67#
 SIP 1010-778#

ls. tan-ltgrv-fn. vln.

sh. gry-grn-brn.

Building pressures

ls. offwh-tan-fn. vln. Δ
 sh. gry. grn. sandy, wavy

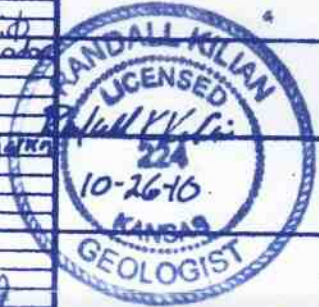
Dolo-tan-brn. fn. to med vln.
 fine-barren - fr. interpart. oil sat. GSF. good odor.

Dolo-tan-fn. med vln. parts fine
 barren - good interpart. oil sat. GSF. good odor.

Dolo-tan-brn. fn. to med vln.
 fine-barren - fr. interpart. oil sat. GSF. good odor.

Dolo-tan-brn-fn. vln. mostly barren
 sl. oil st. in p.

ss. qtz. wh. clear med grn
 well sorted, well cemented,
 sh. oil st. (dried)



Mud devl
 Vis. 67
 Wt. 9.2
 GCM 3 1/2 #

T.D. 3:45 P.M. 10-25-10