



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1257194
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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



1257194

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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
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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 <i>(Explain)</i> _____
---	--

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Bandy, Terry P. dba Te-Pe Oil & Gas
Well Name	STEINLE B 7
Doc ID	1257194

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
3	3327.5-3329.5		3327.5-3329.5
	CIBP 3295		3295
1	3221-27	600 GAL 15% ACID	3221-27
2	3144-48 3128-32 3085.5-3089.5	1000 GAL 15% ACID	3085.5-3148.
2	2974-80	600 GAL 15% ACID	2974-80
2	2904-06 2915-17	1000 GAL 15% ACID	2904-2917

ALLIED CEMENTING CO., INC.

18881

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

Russell

DATE <u>8-21-04</u>	SEC. <u>29</u>	TWP. <u>15</u>	RANGE <u>12</u>	CALLED OUT <u>2:00pm</u>	ON LOCATION <u>5:00pm</u>	JOB START <u>6:30pm</u>	JOB FINISH <u>7:30pm</u>
LEASE <u>STEINLE</u>	WELL # <u>B-7</u>	LOCATION <u>Bunker Hill SS. TO R.R.</u>			COUNTY <u>Russell</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		<u>2E 5S 1/2W.</u>					

CONTRACTOR SOUTHWIND DAILY RIG #1
 TYPE OF JOB Long SURFACE
 HOLE SIZE 12 1/4" T.D. 815
 CASING SIZE 8 5/8 28# DEPTH 815
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'-20'
 PERFS. _____
 DISPLACEMENT 49 3/4 / BBL

OWNER _____

CEMENT

AMOUNT ORDERED 375 sk 40 2% gel
3% cc

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Glenn
 # 366 HELPER Shane
 BULK TRUCK
 # 378 DRIVER RUFUS
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Cement CIRCULATED

THANKS

CHARGE TO: TE-PE Oil & Gas Co.
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL _____

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 MANIFOLD _____ @ _____
8 5/8 Rubber Plug @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature]

PRINTED NAME _____

ALLIED CEMENTING CO., INC.

18887

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

Russell

DATE <u>8-26-04</u>	SEC. <u>29</u>	TWP. <u>15</u>	RANGE <u>12</u>	CALLED OUT <u>3:00PM</u>	ON LOCATION <u>5:30PM</u>	JOB START <u>8:00AM</u>	JOB FINISH <u>8:45/1M</u>
LEASE <u>STEINLE</u>	WELL # <u>B-7</u>	LOCATION <u>BUNKER HILL S. TO RUR.</u>		COUNTY <u>Russell</u>	STATE <u>KANSAS</u>		
OLD OR <u>NEW</u> (Circle one)		<u>2E 5S, 4W</u>					

CONTRACTOR SOUTH WIND Drilling Rig #1 OWNER _____

TYPE OF JOB PRODUCTION STRING

HOLE SIZE 7 7/8 T.D. 3385'

CASING SIZE 5 1/2 USED DEPTH 3384'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL AFU INSERT DEPTH 3369'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 15'

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 80 1/2 BBL

EQUIPMENT

PUMP TRUCK CEMENTER Colman

366 HELPER Shane

BULK TRUCK _____

213 DRIVER RUFUS

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

15 SKC RATHOLE

FLOAT ~~STUCK~~

DID NOT

HOLD,

60 FT SHUT IN @ 500# THANKS

CHARGE TO: TE-PE OIL & GAS CO.

STREET _____

CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Terry Barb

CEMENT
AMOUNT ORDERED 17.5 sk Asc. 2 1/2 gel
500# GAL WFR-2

COMMON _____ @ _____
POZMIX _____ @ _____
GEL _____ @ _____
CHLORIDE _____ @ _____
ASC _____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
HANDLING _____ @ _____
MILEAGE _____ @ _____

TOTAL _____

SERVICE

DEPTH OF JOB _____
PUMP TRUCK CHARGE _____
EXTRA FOOTAGE _____ @ _____
MILEAGE _____ @ _____
MANIFOLD _____ @ _____
5 1/2 RUBBER Plug @ _____
ROTATING HEAD @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

(OWN)

_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____

TOTAL _____

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Te-Pe Oil&Gas**

P.O. Box 522
Canton KS 67428

ATTN: Terry Bandy

29-15S-12W Russell

Steinle B #7

Start Date: 2004.08.25 @ 18:26:16

End Date: 2004.08.26 @ 00:38:45

Job Ticket #: 20163 DST #: 1

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

Te-Pe Oil&Gas

Steinle B #7

29-15S-12W Russell

DST # 1

Arb.

2004.08.25



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Te-Pe Oil&Gas

P.O. Box 522
Canton KS 67428

ATTN: Terry Bandy

Steinle B #7

29-15S-12W Russell

Job Ticket: 20163

DST#: 1

Test Start: 2004.08.25 @ 18:26:16

GENERAL INFORMATION:

Formation: Arb.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:58:45

Time Test Ended: 00:38:45

Test Type: Conventional Bottom Hole

Tester: Ray Schwager & Steve

Unit No: 28

Interval: 3296.00 ft (KB) To 3334.00 ft (KB) (TVD)

Total Depth: 3334.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1880.00 ft (KB)

1871.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6668

Inside

Press@RunDepth: 236.32 psig @ 3302.01 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.08.25

End Date:

2004.08.26

Last Calib.: 2004.08.26

Start Time: 18:26:16

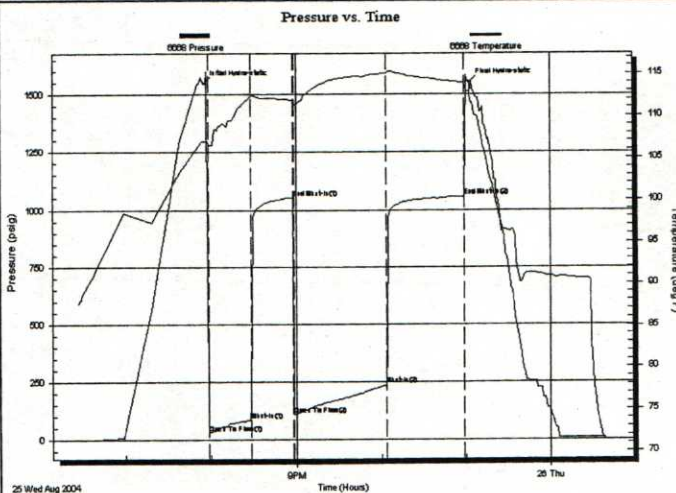
End Time:

00:38:45

Time On Btm: 2004.08.25 @ 19:55:45

Time Off Btm: 2004.08.25 @ 23:02:15

TEST COMMENT: FFP-w k to strg bl in 17 min
FFP-w k to strg bl in 16 min
Times 30-30-60-60
no bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1547.47	106.92	Initial Hydro-static
3	30.12	106.72	Open To Flow (1)
33	85.61	112.21	Shut-In(1)
62	1051.78	111.79	End Shut-In(1)
63	107.64	111.48	Open To Flow (2)
128	236.32	115.03	Shut-In(2)
183	1057.44	113.87	End Shut-In(2)
187	1551.58	112.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	socm 1% oil 99% mud	1.26
425.00	w ater RW .26@73F	5.96

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Te-Pe Oil&Gas

Steinle B #7

P.O. Box 522
Canton KS 67428

29-15S-12W Russell

Job Ticket: 20163

DST#: 1

ATTN: Terry Bandy

Test Start: 2004.08.25 @ 18:26:16

Tool Information

Drill Pipe:	Length: 3298.00 ft	Diameter: 3.80 inches	Volume: 46.26 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 46.26 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3296.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.02 ft			
Tool Length:	59.02 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			3276.00	
Shut In Tool	5.00			3281.00	
Hydraulic tool	5.00			3286.00	
Packer	5.00			3291.00	21.00 Bottom Of Top Packer
Packer	5.00			3296.00	
Stubb	1.00			3297.00	
Perforations	5.00			3302.00	
Recorder	0.01	6668	Inside	3302.01	
Perforations	29.00			3331.01	
Recorder	0.01	13534	Outside	3331.02	
Bullhose	3.00			3334.02	38.02 Bottom Packers & Anchor

Total Tool Length: 59.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Te-Pe Oil&Gas
P.O. Box 522
Canton KS 67428

Steinle B #7
29-15S-12W Russell
Job Ticket: 20163 **DST#: 1**
Test Start: 2004.08.25 @ 18:26:16

ATTN: Terry Bandy

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 43.00 sec/qt
Water Loss: 12.77 in³
Resistivity: ohm.m
Salinity: 4200.00 ppm
Filter Cake: 2.00 inches

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

Oil API: deg API
Water Salinity: 26000 ppm

Recovery Information

Recovery Table

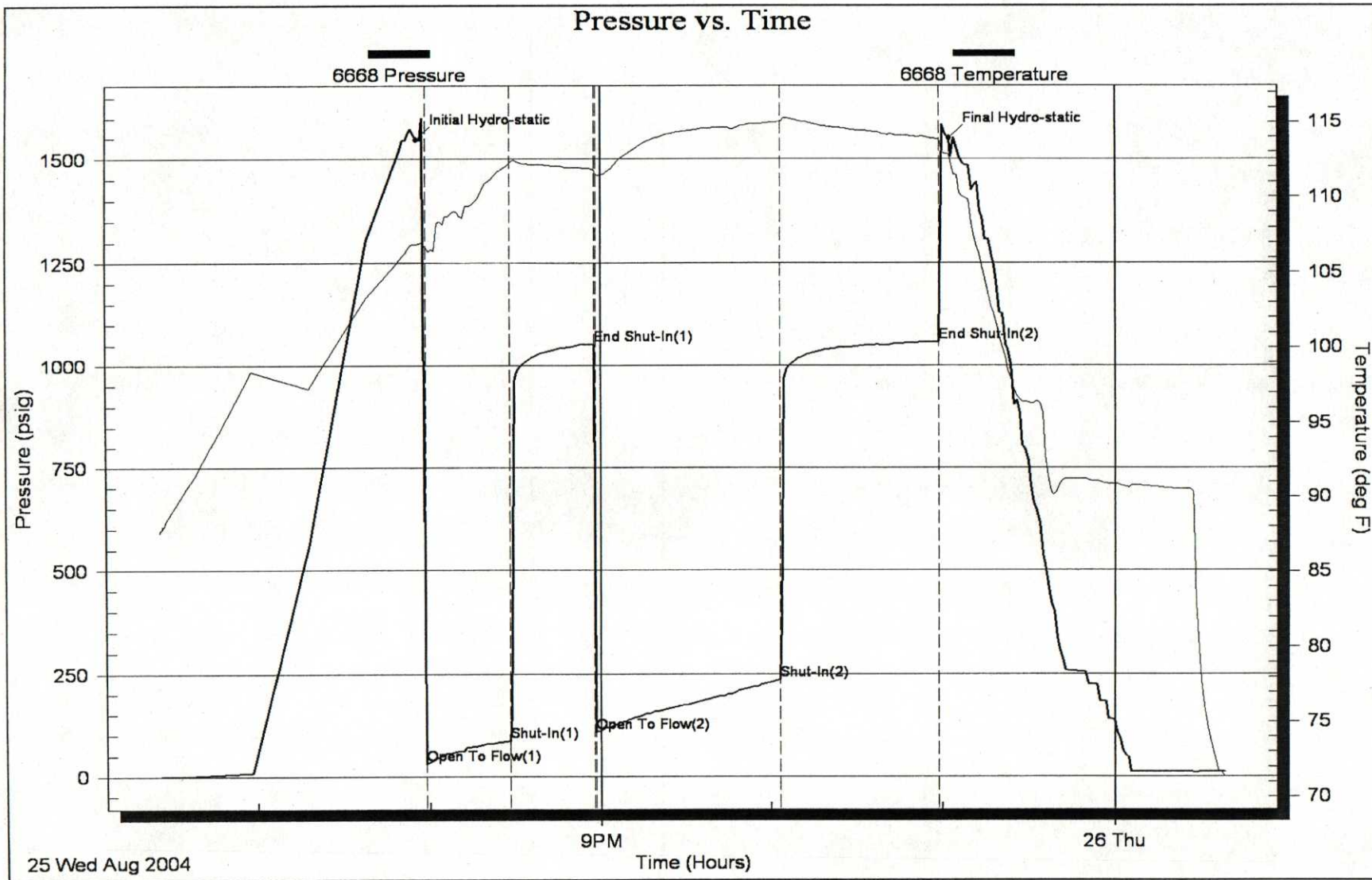
Length ft	Description	Volume bbl
90.00	socm 1% oil 99% mud	1.262
425.00	water RW .26@73F	5.962

Total Length: 515.00 ft Total Volume: 7.224 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



Randall Kilian
Geologist



Certified Petroleum
Geologist #3351

P.O. Box 26
Hays, Kansas 67601-0026
Phone: 785-625-5601
Fax: 785-625-8408

GEOLOGIST'S WELL REPORT

COMPANY TE-PE OIL & GAS (5920)

WELL Steinle #B-7

FIELD Hall-Gurney

LOCATION (legal) Ad. C S $\frac{1}{2}$ NE

(1840' FNL & 1370' FEL.)

Section 29 TWP 15 S RGE 12 W

(Map) 9 mi S & 2 mi E of I-70
Bunker Hill Exit

COUNTY Russell STATE Kansas

ELEVATION: 1880' K.B., 1870' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-167-23262

GEOLOGY BY Randall Kilian

PERTINENT WELL DATA

CONTRACTOR Southwind Drilling Inc.

(Darryl Krier TP)

RIG # 1 HYDRAULICS D-375 6x14x60

DRILL PIPE 4 $\frac{1}{2}$ " X-H COLLARS H-90 11 (329')

CASING: SURFACE 8 5/8" @ 815' w/ 375 sx 60/40 Poz

PRODUCTION 5 $\frac{1}{2}$ " @ 3384' w/ 160 sx ASC

DRILLING FLUID: COMPANY Dombar Mud Inc.
(Kenneth Dohm)

TYPE: Chemical

REMARKS: Full-Service

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

NUMBER OF TESTS One (1)

ELECTIC LOGS: COMPANY Log Tech Inc.

DETAIL (5") 2600' - RTD

TYPE DI, Comp N-D, Micro

DRILLING TIME FROM 2650' TO RTD

SAMPLE TIME FROM 2650' TO RTD

SUPERVISION FROM 2650' TO RTD

VERTICAL DEVIATION 2° @ 815', 3/4° @ 3334'

PLUGGING REPORT 15 sx Rat

RESERVE PIT 150 bbls., Chl 75,000

DATE: 7 a.m. Depth RIG ACTIVITY

8-20-04		MIRU, Spud
8-21-04	500'	Drilling surface hole
8-22-04	905'	Drilling shale
8-23-04	1970'	Drilling lime & shale
8-24-04	2710'	Drilling lime & shale
8-25-04	3260'	Drilling lime & shale
8-26-04	3385'	TD, Logging

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	Arb 3296- 3334'	30# 85# 30"	1051# 30"	107# 236# 60"	1057# 60"	1547# 1551#	90' S,O,C,Mud 425' Wtr
2							
3							
4							
5							
6							
7							
8							

MUD RECORD						
CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	2512'					
2	2770'	8.9	40			
3	2862'	9.0	49	10.4	3.2K	18
4	2950'	9.1	47			
5	3060'	9.2	43			
6	3150'	9.3	45			
7	3293'	9.4	43	12.8	4.2K	22
8						
9						
10						
11						

Displace

\$3445

BIT RECORD						
NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
1	12 1/4"	Reed	Re-Trip	815'	815'	18
2	7 7/8"	Reed	HP52	3385'	2570'	76 1/2
3						
4						
5						
6						
7						

The Steink B-7 well was drilled with Southwind Drilling Inc. tools rig #1 beginning August 20, and drilling was completed August 26, 2004.

The drill-site was located via 3-D seismic survey. The location appeared to possibly be separate from old production via closure or faulting. The well structurally ran as expected.

Numerous zones were encountered in the Topeka, Toronto, and LKc. The upper Arouckie tested water on DST #1 which indicates no separation from old production.

Based upon the number of oil shows, structure, and electric log data, 5 1/2" casing was set and cemented to further test and produce the well.

Respectfully,

Randy

Randall Kilian

DRILLING TIME (min/ft)

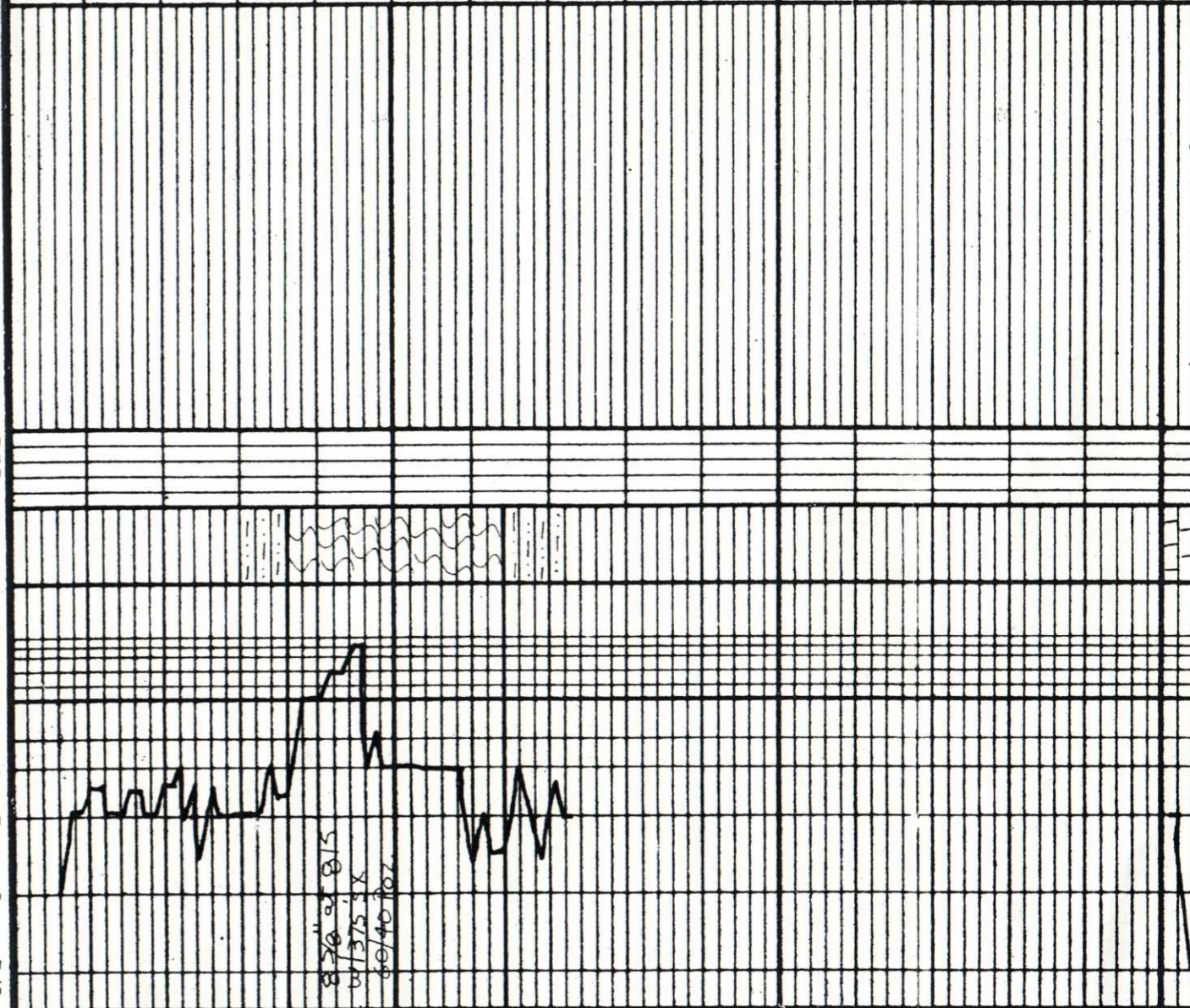
1/2 1 2 3 4 5 6 7 8 9 10

80
90
800
ANH.
10
20
30
Base.
40

POOR
FAIR
GOOD
DST

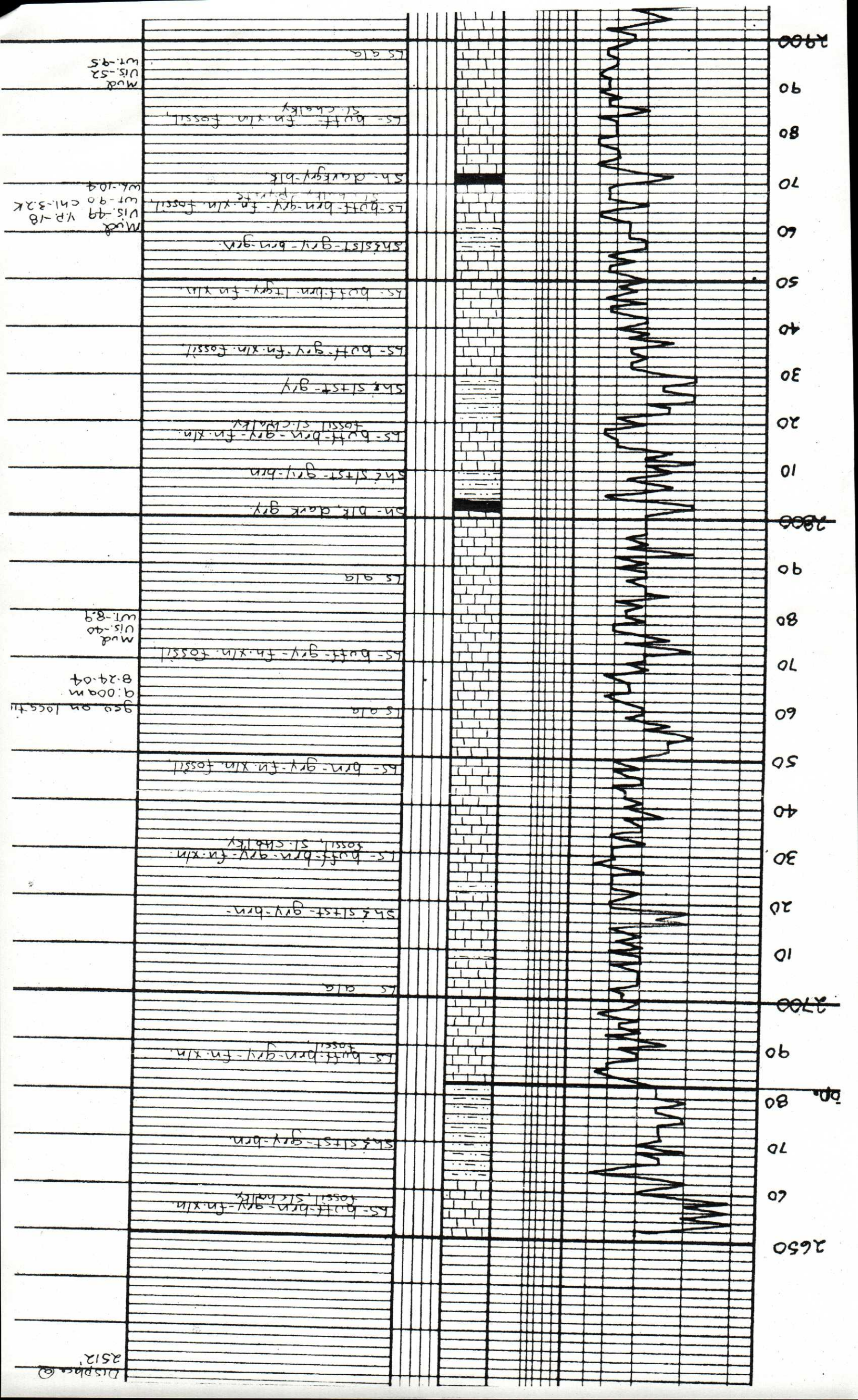
LITHOLOGY (LAGGED)

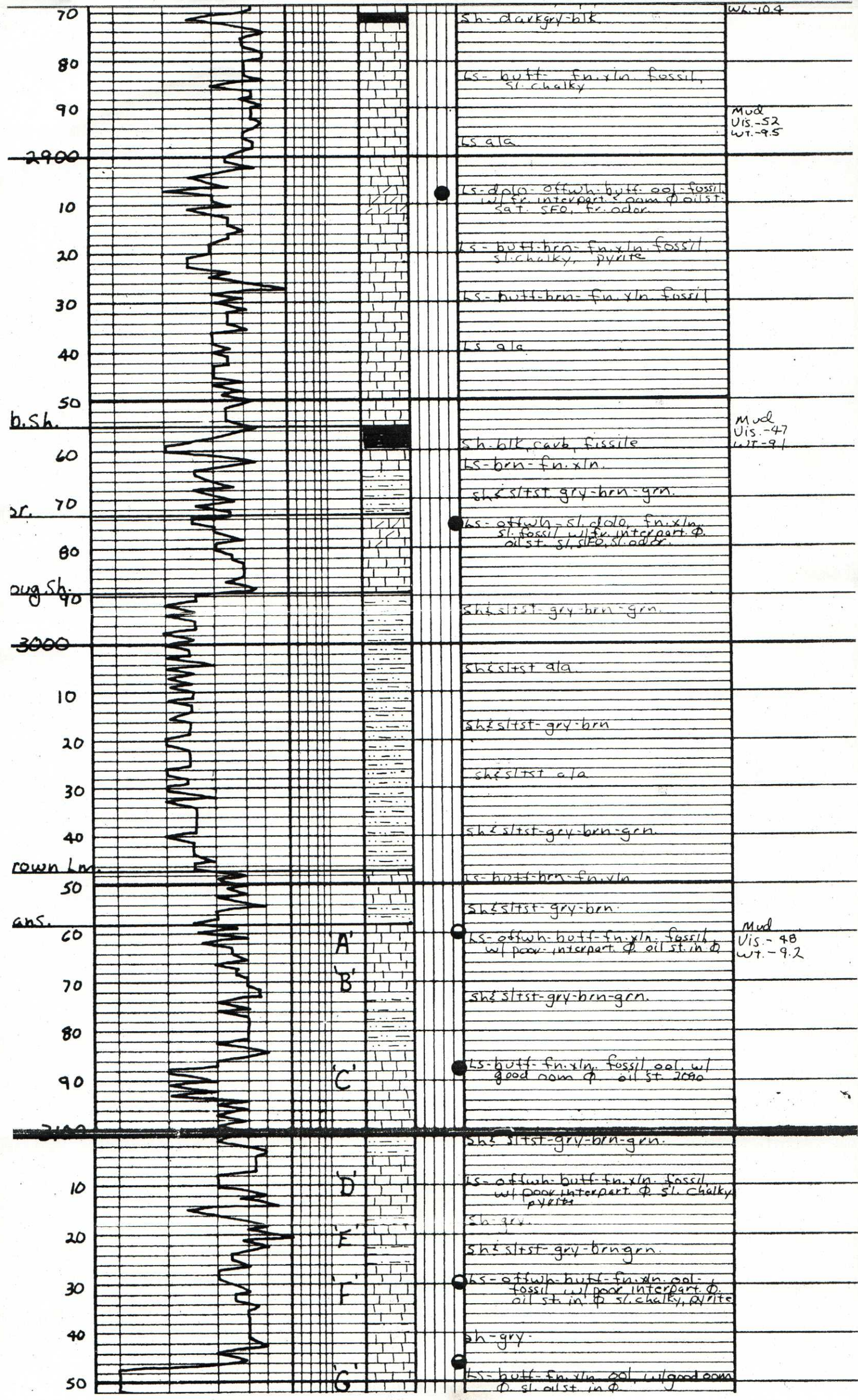
REMARKS



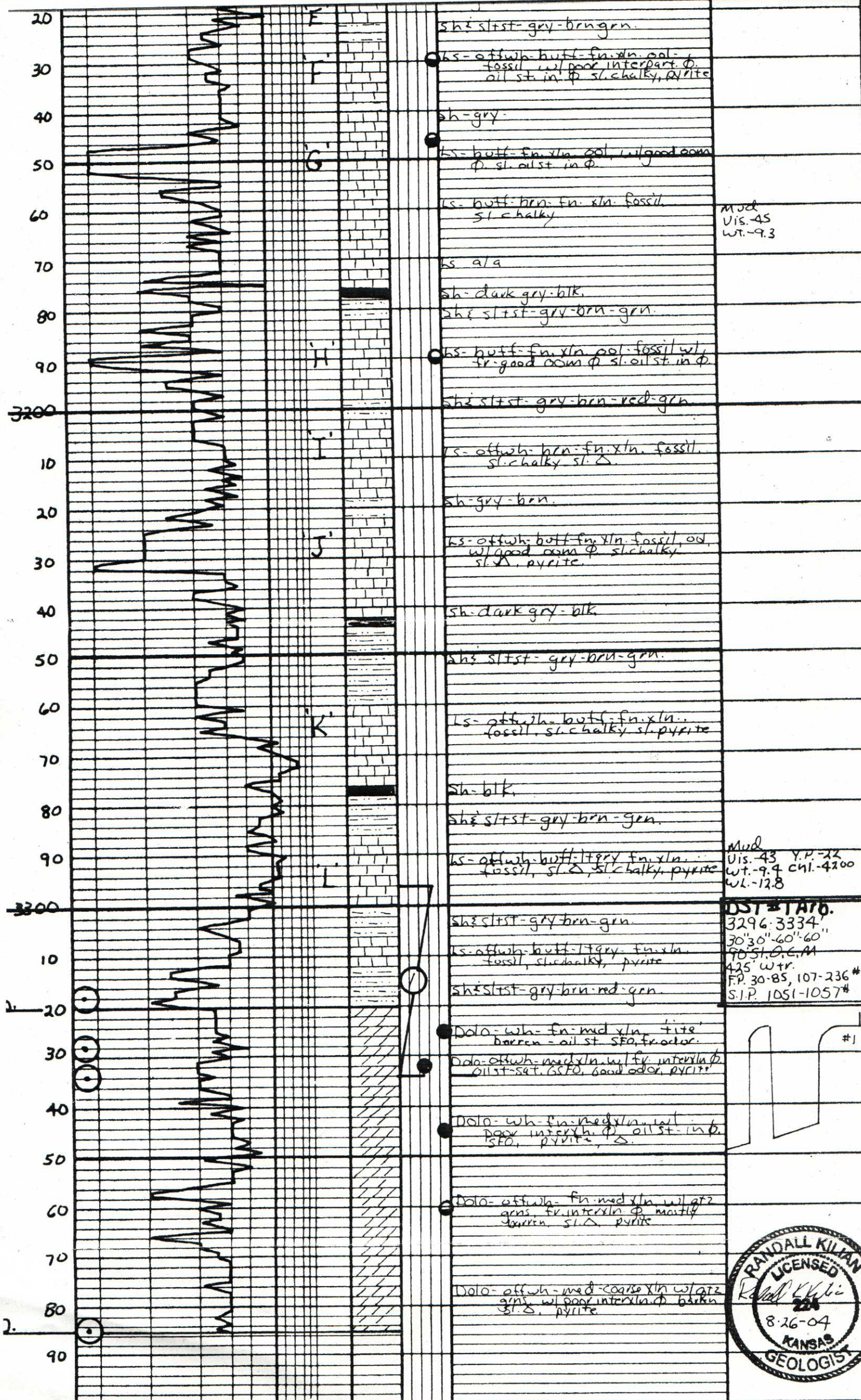
Displace @
2512'

2650





A'
B'
C'
D'
E'
F'
G'



sh slst-gry-brn-grn.

ls-offwh-buff-fn.xln.ool-fossil w/poor interpart. ϕ . oil st. in ϕ sl. chalky, pyrite

sh-gry.

ls-buff-fn.xln.ool. w/good oom ϕ sl. oil st. in ϕ

ls-buff-brn-fn.xln. fossil. sl. chalky

ls a/a

sh-dark gry-blk.

sh slst-gry-brn-grn.

ls-buff-fn.xln.ool-fossil w/ fr. good oom ϕ sl. oil st. in ϕ

sh slst-gry-brn-red-grn.

ls-offwh-brn-fn.xln. fossil. sl. chalky sl. Δ

sh-gry-brn.

ls-offwh-buff-fn.xln. fossil, ool. w/good oom ϕ sl. chalky sl. Δ , pyrite.

sh-dark gry-blk.

sh slst-gry-brn-grn.

ls-offwh-buff-fn.xln. fossil, sl. Δ , sl. chalky, pyrite

sh-blk.

sh slst-gry-brn-grn.

ls-offwh-buff-lt gry-fn.xln. fossil, sl. Δ , sl. chalky, pyrite

sh slst-gry-brn-grn.

ls-offwh-buff-lt gry-fn.xln. fossil, sl. chalky, pyrite

sh slst-gry-brn-red-grn.

Dolo-wh-fn-med xln. 'fite' barren - oil st. SFO, fr. odor.

Dolo-offwh-med xln. w/ fr. interpart. ϕ oil st. - set. SFO, good odor, pyrite.

Dolo-wh-fn-med xln. w/ poor interpart. ϕ oil st. - in ϕ . SFO, pyrite, Δ .

Dolo-offwh-fn-med xln. w/ at 2 grns. fr. interpart. ϕ mostly barren. sl. Δ , pyrite

Dolo-offwh-med-coarse xln w/ at 2 grns. w/ poor interpart. ϕ barren sl. Δ , pyrite

Mud
Vis. 45
wt. - 9.3

Mud
Vis. 43 Y.P. - 22
wt. - 9.9 chl. - 4200
wl. - 12.8

DST # 170.
3296-3334'
30" 30"-60"-60"
90' St. O. C. M
425' wtr.
F.P. 30-85, 107-236 #
S.I.P. 1051-1057 #

