



KANSAS CORPORATION COMMISSION 1050597  
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 # 30717  
Name: Downing-Nelson Oil Co Inc  
Address 1: PO BOX 372  
Address 2:  
City: HAYS State: KS Zip: 67601 + 0372  
Contact Person: Ron Nelson  
Phone: ( 785 ) 621-2610  
CONTRACTOR: License # 31548  
Name: Discovery Drilling  
Wellsite Geologist: Marc Downing  
Purchaser: Coffeyville Resources

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 #: \_\_\_\_\_

10/30/2010 11/15/2010 11/16/2010

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-145-21615-00-00

Spot Description: \_\_\_\_\_

SW SE SW NE Sec. 18 Twp. 20 S. R. 20  East  West

2,400 Feet from  North /  South Line of Section

1,660 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

County: Pawnee

Lease Name: Vandenberg-Saxton Unit Well #: 1-18

Field Name: Ben

Producing Formation: Mississippian

Elevation: Ground: 2219 Kelly Bushing: 2227

Total Depth: 4368 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 394 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1377 Feet

If Alternate II completion, cement circulated from: 1377

feet depth to: 0 w/ 135 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 16000 ppm Fluid volume: 320 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: 02/10/2011



1050597

Operator Name: Downing-Nelson Oil Co Inc Lease Name: Vandenberg-Saxton Unit Well #: 1-18  
 Sec. 18 Twp. 20 S. R. 20  East  West County: Pawnee

**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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached Datum Attached
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 <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run: <b>Attached</b>			

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 Pipe	12.25	8.625	23	394.26	Common	225	2% Gel & 3% CC
Production String	7.875	5.5	14	4363	EA 2	150	

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	-			

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: <u>2.375</u>	Set At: <u>4332.51</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>01/02/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>40</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio <u>33</u>

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 checked="" 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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Vandenberg-Saxton Unit 1-18
Doc ID	1050597

All Electric Logs Run

Micro
Sonic
Dual Indcution
Compensted Porosity

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Vandenberg-Saxton Unit 1-18
Doc ID	1050597

Tops

Name	Top	Depth
Top Anhydrite	1404	+824
Base Anhydrite	1430	+798
Heebner	3721	-1493
LKC	3769	-1541
BKC	4077	-1849
Ft Scott	4264	-2036
Cherokee Shale	4279	-2051
Mississippi	4334	-2106
Osage	4634	-2136



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co Inc

**Vandenberg-Saxton #1-18**

P O Box 372  
Hays Ks 67601-0372

**18-20s-20w Pawnee**

Job Ticket: 41027

**DST#: 1**

ATTN: Ron Nelson

Test Start: 2010.11.04 @ 10:41:20

### GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 12:27:15

Time Test Ended: 16:24:44

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **42**

Interval: **4297.00 ft (KB) To 4347.00 ft (KB) (TVD)**

Reference Elevations: **2229.00 ft (KB)**

Total Depth: **4347.00 ft (KB) (TVD)**

**2221.00 ft (CF)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

**KB to GR/CF: 8.00 ft**

**Serial #: 6625** **Inside**

Press@RunDepth: **49.98 psig @ 4330.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.11.04** End Date: **2010.11.04**

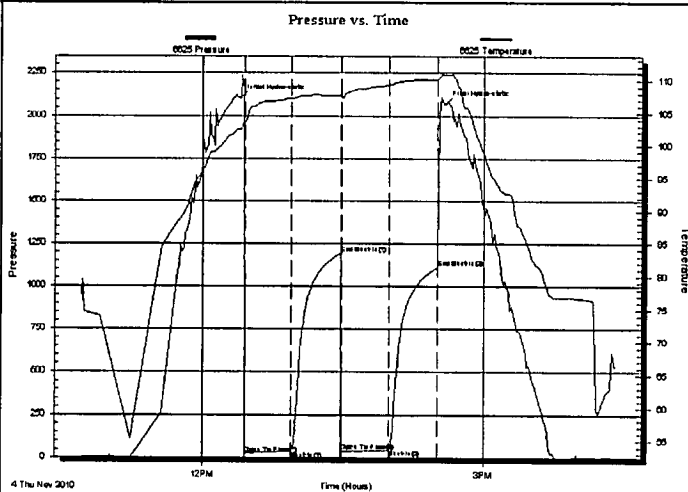
Last Calib.: **2010.11.04**

Start Time: **10:41:20** End Time: **16:24:44**

Time On Btm: **2010.11.04 @ 12:24:15**

Time Off Btm: **2010.11.04 @ 14:35:15**

TEST COMMENT: IFP-w k bl 1/4"to 1"bl  
ISIP-no bl  
FFP-surface to 1/4"bl  
FSIP-no bl



### PRESSURE SUMMARY

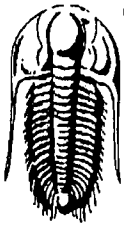
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2103.67	102.54	Initial Hydro-static
3	22.27	103.45	Open To Flow (1)
33	35.78	107.22	Shut-In(1)
65	1191.50	107.76	End Shut-In(1)
65	38.78	107.46	Open To Flow (2)
96	49.98	109.37	Shut-In(2)
127	1110.57	110.18	End Shut-In(2)
131	2068.73	110.90	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
65.00	MGo5%G40%M55%O	0.64

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Downing-Nelson Oil Co Inc

**Vandenberg-Saxton #1-18**

P O Box 372  
Hays Ks 67601-0372

**18-20s-20w Pawnee**

Job Ticket: 41027

**DST#: 1**

ATTN: Ron Nelson

Test Start: 2010.11.04 @ 10:41:20

### 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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
65.00	MGo5%G40%M55%O	0.638

Total Length: 65.00 ft      Total Volume: 0.638 bbl

Num Fluid Samples: 0

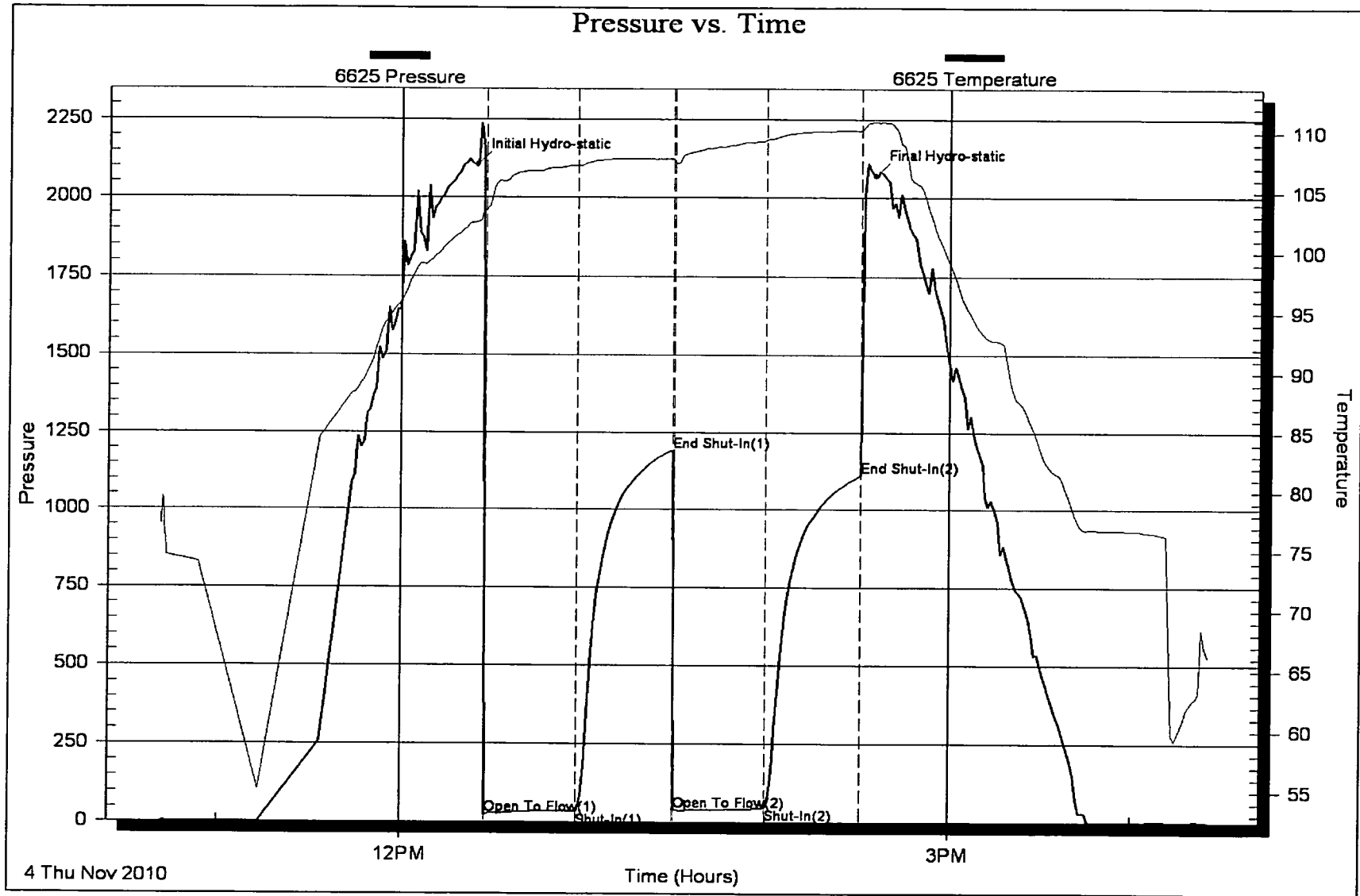
Num Gas Bombs: 0

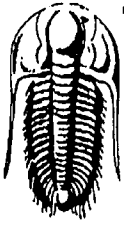
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRIOBITE TESTING, INC**

**ESJMMTUFN!UFTU!SFQPSU**

Epx ojoh. Of rmpo!PjntDpl.bd

**Vandenberg-Saxton #1-18**

QP!Cpy1483  
I bzt !Lt !78712.1483

**18-20s-20w Pawnee**

Kpcl!Ujdl f u 52139 **DST#: 2**

BWU; Spo!Of rmpo

Uf t uTubsj 3121/22/15!A !33;24;39

**HF OF SBM.DGPNBUP O;**

Qpsn bypo; **Miss**  
Ef vjbu f e; Op Xi jqt upd; g!)LC\*  
Ujn f !UppitPqf of e; 11;24;64  
Ujn f !Uf t uFoef e; 15;24;63

Uf t uLzqf; Dpowf oypobitQpupn !l prfn  
Uf t u f s; Sbz!Tdi x bhf s  
Voj!Op; 53

**Interval: 4343.00 ft (KB) To 4354.00 ft (KB) (TVD)**  
UpubntEf qu; 5465/11 g!)LC\* )LWE\*  
I prfn!Ejbn f u f s; 8/96 jodi ft l prfn!Dpoejipo; Gbjs

Sf g f s ofdf !Ffrwbyjpot; 333: /11 g!)LC\*  
3332/11 g!)DG\*  
LC!p!HSODG 9/11 gu

**Serial #: 6625**

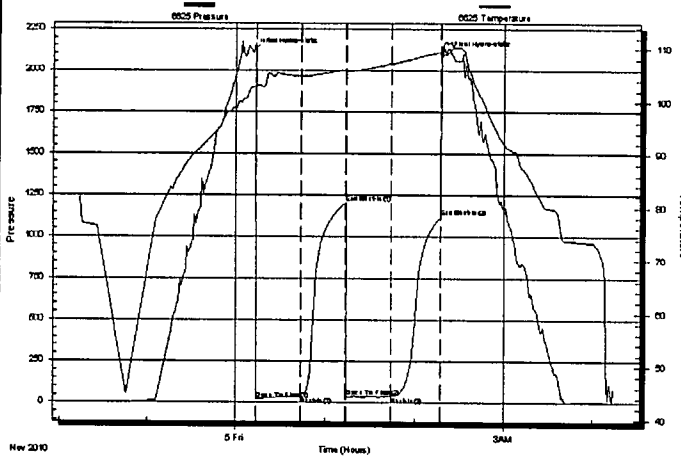
**Inside**

Qst t t A SvoEf qu; 4: /13 qt jh A 5459/11 g!)LC\*  
Tubs!Ebuf; 3121/22/15 Foel!Ebuf; 3121/22/16  
Tubs!Ujn f; 33;24;39 Foel!Ujn f; 15;24;63

Dobqbdjuz; 9111/11 qt jh  
Mbt uDbjjo/; 3121/22/16  
Ujn f !P o!Cun; 3121/22/16!A !11;22;34  
Ujn f !Pgg!Cun; 3121/22/16!A !13;31;64

**UFTU:DPNNFOU; GQx !lcr!25#p!405#cm**  
J.Q oplcm  
GQ t vsqdf lcm  
GT.Q oplcm

**Pressure vs. Time**



**QSFTTVSF!TVNNBSZ**

Ujn f )Njo/*	Qst t t vsf )qt jh*	Uf n q )ef h!G*	Boopubjpo
1	322/14:	213/8:	Dbjjo rth zesp. t ubjd
4	32/38	214/29	Pqf o!Up!Gpx )2*
44	48/67	215/96	Ti vu.b)2*
73	22: 8/62	217/1:	Foel!Ti vu.b)2*
74	45/91	216/91	Pqf o!Up!Gpx )3*
: 4	4: /13	218/33	Ti vu.b)3*
237	2229/91	21: /57	Foel!Ti vu.b)3*
241	31: 6/5:	222/61	Gjorbth zesp. t ubjd

**Sf dpw sz**

Mohu )gt	Eft dsqjpo	Vjrn f )ocrh
56/11	I PDN!31& P91& N	1/47

**Hbt !Sb f t**

Di pf )jod ft*	Qst t t vsf )qt jh*	Hbt !Sb f )N dge*





**TRILOBITE  
TESTING, INC**

**ESJMMTUFN!UFTU!SFQP SU**

**FLUID SUMMARY**

Epx ojh. Of rtpo!PjrtDp!bd

**Vandenberg-Saxton #1-18**

QP!Cpy!483  
I bzt !Lt !78712. 1483

**18-20s-20w Pawnee**

Kpcl!Ydl f u 52139 **DST#: 2**

BUO; Spo!Of rtpo

Uf t uTbsu 3121/22/15!A 133;24;39

**Mud and Cushion Information**

Nve!Lzqf; Hf rtdi f n  
Nve!X f jhi u : /11 rdnbm  
Wt dpt juz; 6: /11 t f d0 u  
X bnf s!Mpt t; 9/84 jpu  
Sf t jt ywuz; pi n/n  
Tbjpuz; 2511/11 qqn  
Grn s!Dbl f; 2/11 jodi ft

Dvt i jpo!Lzqf;  
Dvt i jpo!M ohu;  
Dvt i jpo!Wprnf;  
Hbt !Dvt i jpo!Lzqf;  
Hbt !Dvt i jpo!Grf t t vsf;

PjrtBQJ ef h!BQJ  
X bnf s!Tbjpuz; qqn

gu  
ccm  
qt jh

**Recovery Information**

Sf dpwf sz!Ubcfn

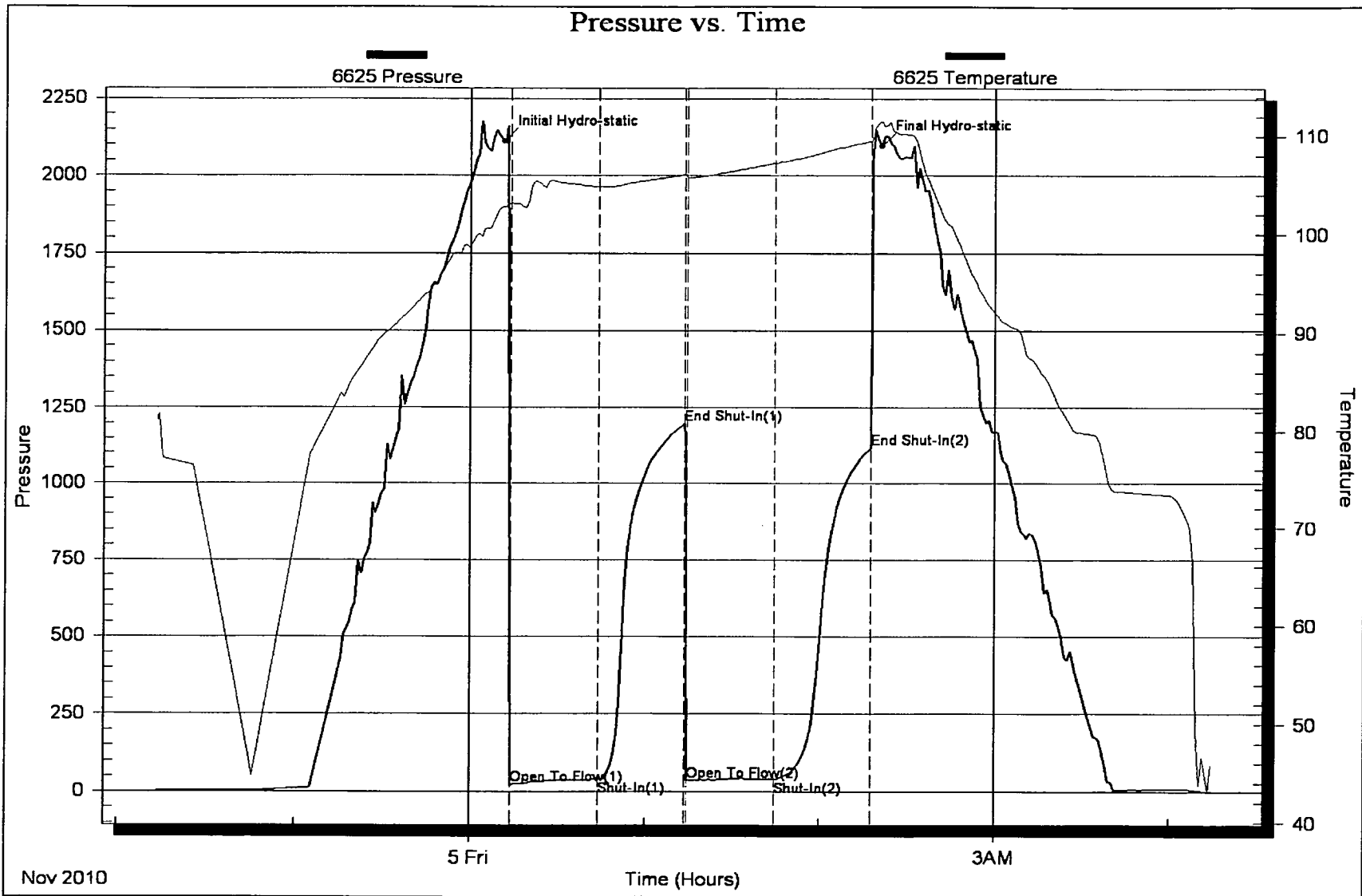
M ohu gu	Ef t dsqjpo	Wprnf ccm
56/11	I PDN!31& P91& N	1/469

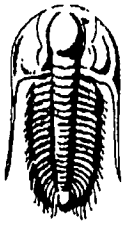
Upbrt!M ohu; 56/11 gu Upbrt!Wprnf; 1/469 ccm

Ovn !Grje!Tbn qrt; 1 Ovn !Hbt !Cpn ct; 1 Tf sbrt\$;

Mcp sbupsz!Cbn f; Mcp sbupsz!Mpdbypo;

Sf dpwf sz!Dpn n f out;





**TRILOBITE TESTING, INC**

**ESJMTUFN!UFTU!SFQPSU**

Epx ojuh. Of rmpo!PjrtDp!bd

**Vandenberg-Saxton #1-18**

QP!Cpy!483  
I bzt !Lt !78712. 1483

**18-20s-20w Pawnee**

Kpc!Ujdl f u 5213: **DST#: 3**

BUO; Spo!Of rmpo

Uf t uTbsu 3121/22/16!A !21;29;69

HF OF SBM.DGP SN BUPO;

Gpsn bypo; **Miss**  
Efvbu f e; Op X i jqt updl ; g!)LC\*  
Ujn f !Uppt!Pqf of e; 23;35;64  
Ujn f !Uf t uFoef e; 29;15;33

Uf t uLzqf; Dpowf oujpbort!Cupn !! prf  
Uf t u f s; Sbz!Tdi x bhf s  
Voj!Op; 53

**Interval: 4352.00 ft (KB) To 4368.00 ft (KB) (TVD)**  
Upbrt!Ef qu; 5479/11 g!)LC\* )UAE\*  
I prf!Ejbn f u f s; 8/96 jodi f t l prf!Dpoejypo; Gbjs

Sf g f odf !Fifmbjpot; 333: /11 g!)LC\*  
3332/11 g!)DG\*  
LC!up!HSOQ 9/11 gu

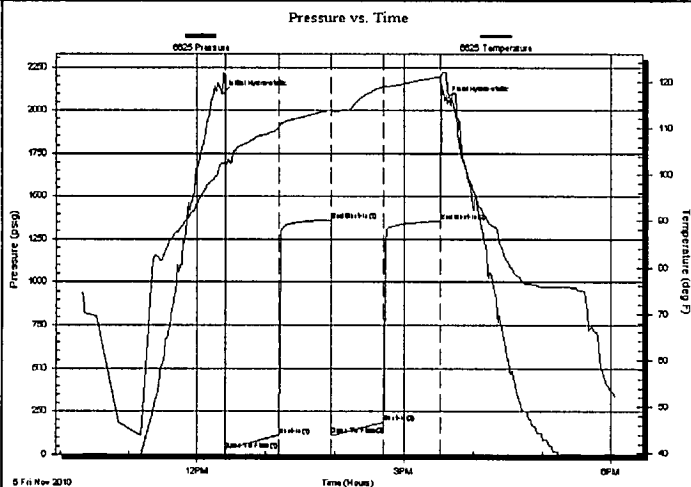
**Serial #: 6625**

**Inside**

Cf t t A SvoEf qu; 296/39 qt jh A 5464/11 g!)LC\*  
Tubs!Ebf; 3121/22/16 Foel!Ebf; 3121/22/16  
Tubs!Ujn f; 21;29;69 Foel!Ujn f; 29;15;33

Dqbqdz; 9111/11 qt jh  
Mbt uDbjjs; 3121/22/16  
Ujn f !Poi!Cun; 3121/22/16!A !23;33;34  
Ujn f !Pgg!Cun; 3121/22/16!A !26;46;33

UFTU!DPNNFOU; GQx l luplt ush!jo!2: !n jo  
J.Q.2#critl  
GQx l luplt ush!jo!46!n jo  
G.T.Q.2#critl



**QSFTTVSF!TVNNBSZ**

Ujn f )Njo/*	Cf t t vsf )qt jh*	Uf n q )ef hlG*	Boopubjpo
1	31: 6/6:	213/5:	Dbjbrth zesp. t ubjd
4	39/18	213/43	Pqf ol!Up!Gpx )2*
5:	221/29	221/31	Ti vu.b)2*
: 5	2471/8:	224/ 9	Foel!Ti vu.b)2*
: 6	225/36	224/83	Pqf ol!Up!Gpx )3*
251	296/39	229/ 5	Ti vu.b)3*
29:	2464/81	232/18	Foel!Ti vu.b)3*
2: 4	3172/7:	233/16	Gobrth zesp. t ubjd

**Sf dpw f z**

Mohu )gl	Eft dsajypo	Vpnrnf )ccrh
1/11	576(H.O)	1/11
: 6/11	NHP!21& H41& N71& P	2/17
483/11	DP	6/33

**Hbt !Sbf t**

Di pl f )jod ft*	Cf t t vsf )qt jh*	Hbt !Sbf t )N dge*



**TRILOBITE  
TESTING, INC.**

**ESJMMTUFN!UFTU!SFQPSU**

**FLUID SUMMARY**

Epx ojoh. Of rmpo!PjrtDpl,dd

**Vandenberg-Saxton #1-18**

QP!Cpy!483  
I bzt !Lt !78712.1483

**18-20s-20w Pawnee**

Kpc!Ujdl f u 5213: **DST#: 3**

BWQ; Spo!Of rmpo

Uf t uTubsy 3121/22/16!A !21;29;69

**Mud and Cushion Information**

Nve!Lzqf; Hf rtdi f n  
Nve!X f jhi u : /11 rdbm  
Vjt dpt juz; 63/11 t f d0 u  
X buf slMpt t; 8/: 9 jou  
Sf t jt vjuz; pi n/n  
Tbjozuz; 2711/11 qqn  
Gru sDbl f; 2/11 jodi f t

Dvt i jpo!Lzqf;  
Dvt i jpo!M ohu;  
Dvt i jpo!Vprnf;  
Hbt !Dvt i jpo!Lzqf;  
Hbt !Dvt i jpo!Qsf t t vsf;

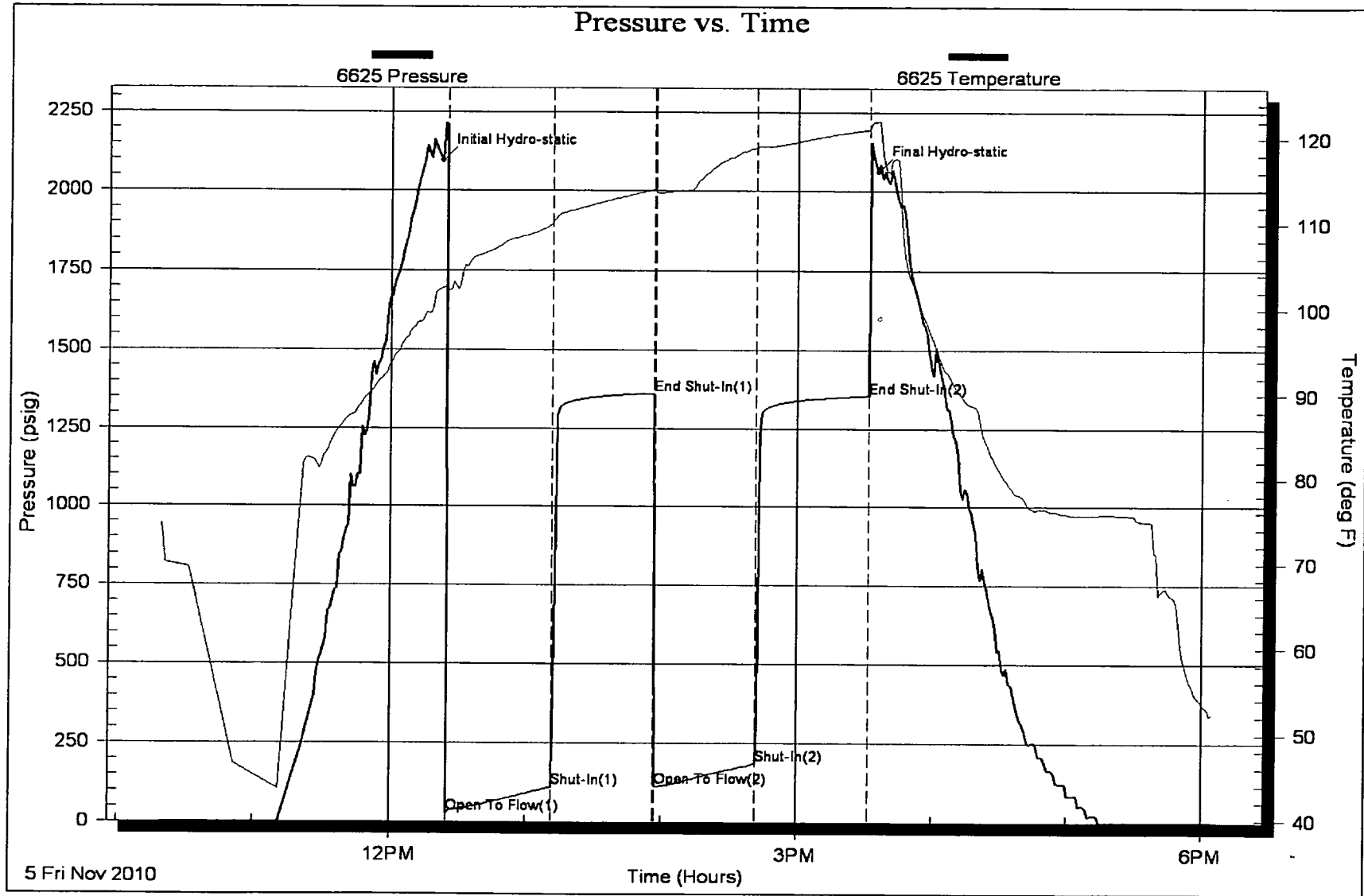
PjrtBQJ 47 ef h!BQJ  
gu X buf slTbjozuz; qqn  
ccm  
qt jh

**Recovery Information**

**Sf dpwf sz!Ubcfh**

M ohu gu	Ef t dsqjpo	Vprnf ccm
1/11	576(HQ)	1/111
: 6/11	NHP!21& H41& N71& P	2/16:
483/11	DP	6/329

UpbrtM ohu; 578/11 gu UpbrtVprnf; 7/388 ccm  
Ovn !Gnje!Tbn qrit; 1 Ovn !Hbt !Cpnt ct; 1 Tf sjbrt\$;  
Mocpsupsz!Cbn f; Mocpsupsz!Mpdbyjo;  
Sf dpwf sz!Dpn n f out;





### DRILL STEM TESTS

No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	100-FM	RECOVERY

**REMARKS AND RECOMMENDATIONS**

*Perforat RWK section of Miss before*

*Abandonment. (DST #1 + #2)*

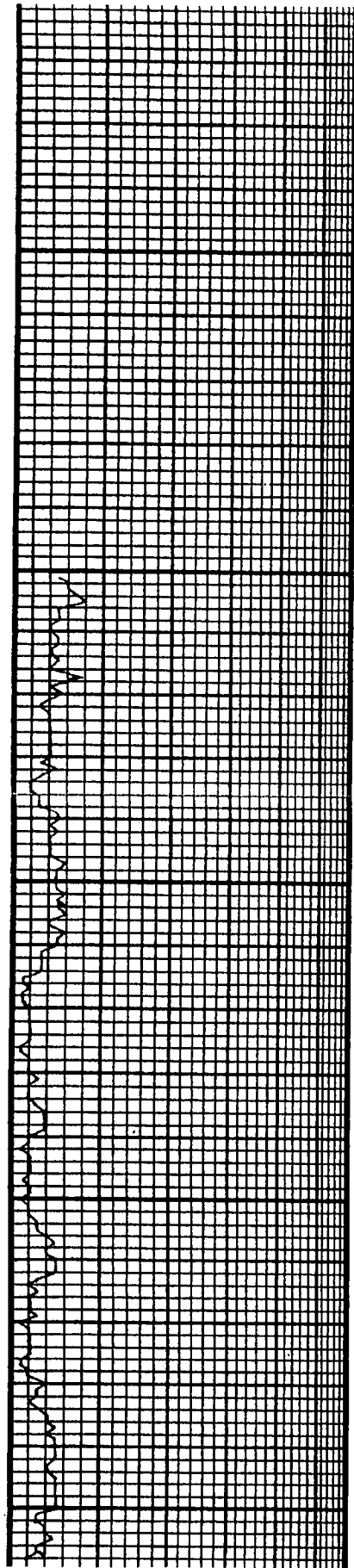
7515

### LEGEND

	Anhydrite
	Salt
	Sandstone
	Shale
	Carb sh
	Limestone
	Col. Lime
	Chert
	Dolomite

REMARKS	
OIL SHOWS	
SAMPLE DESCRIPTIONS	
LITHOLOGY	
DEPTH	
DRILLING TIME IN MINUTES Rate of Penetration Decreases	

LOG 7710

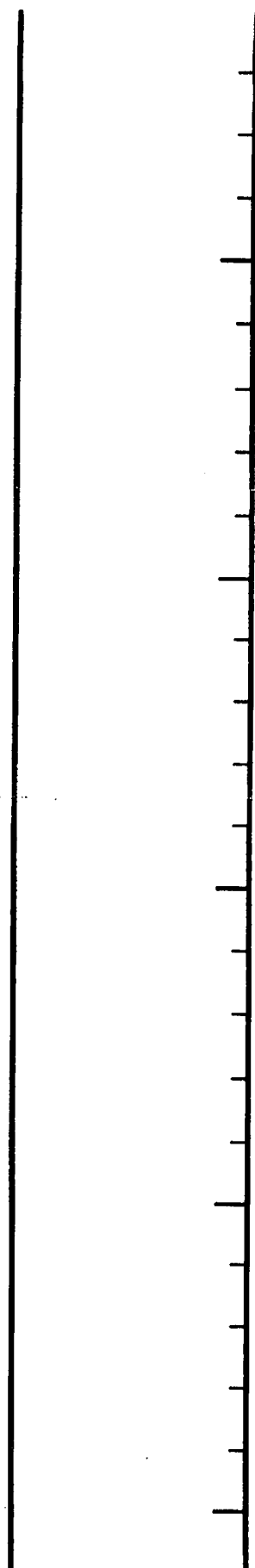
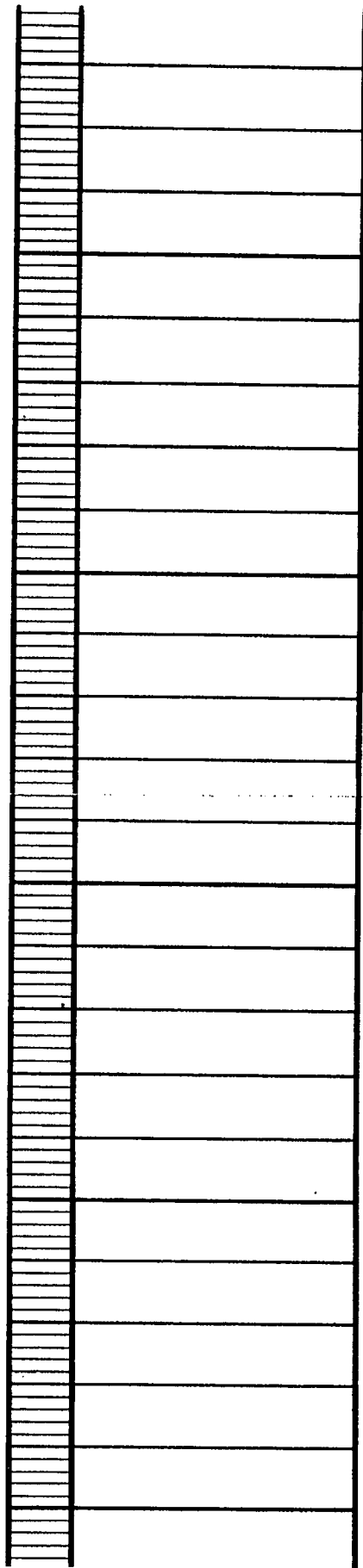


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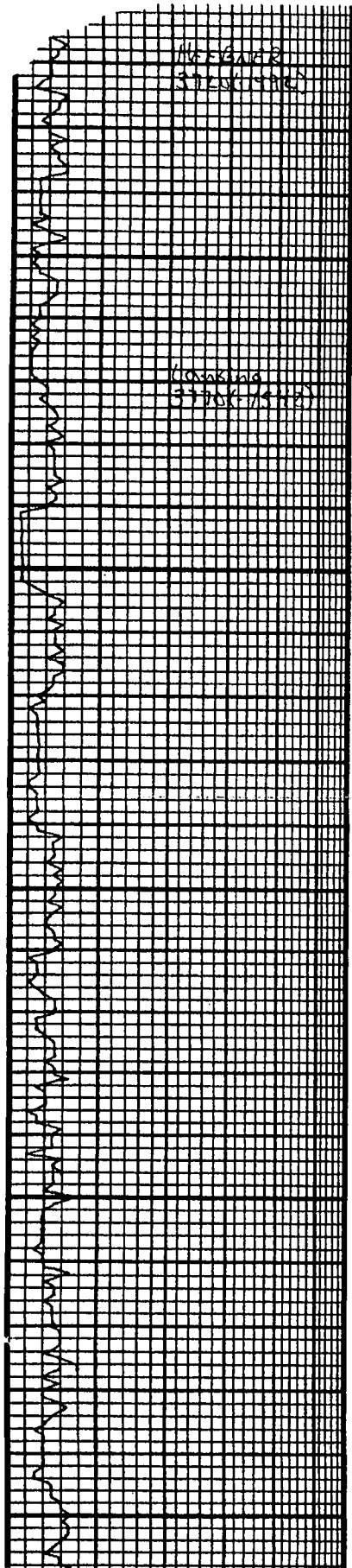
3600

50

3700







3800

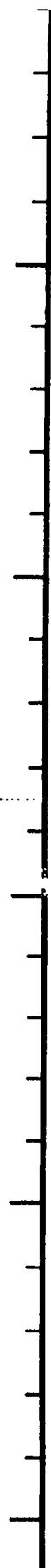
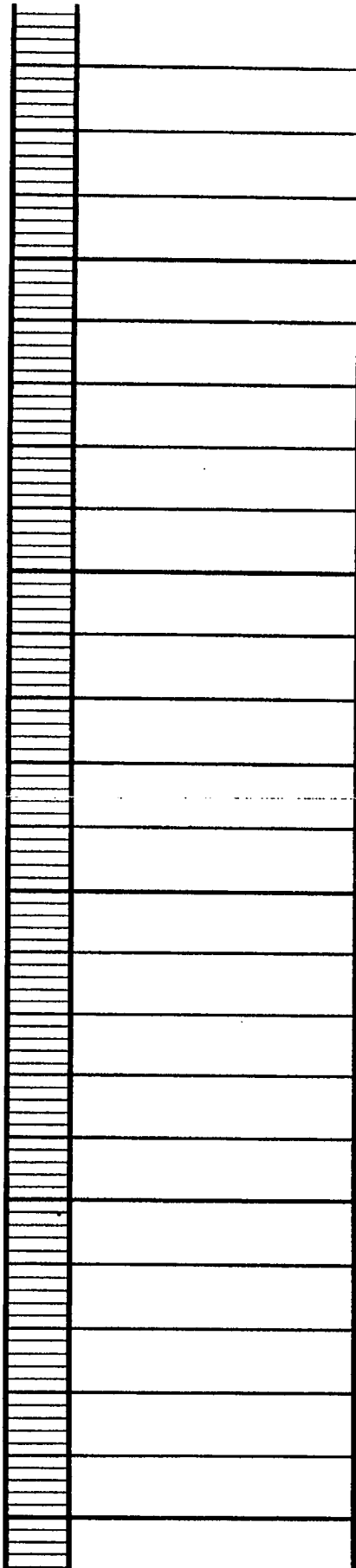
100-1000  
3750-3800

3900

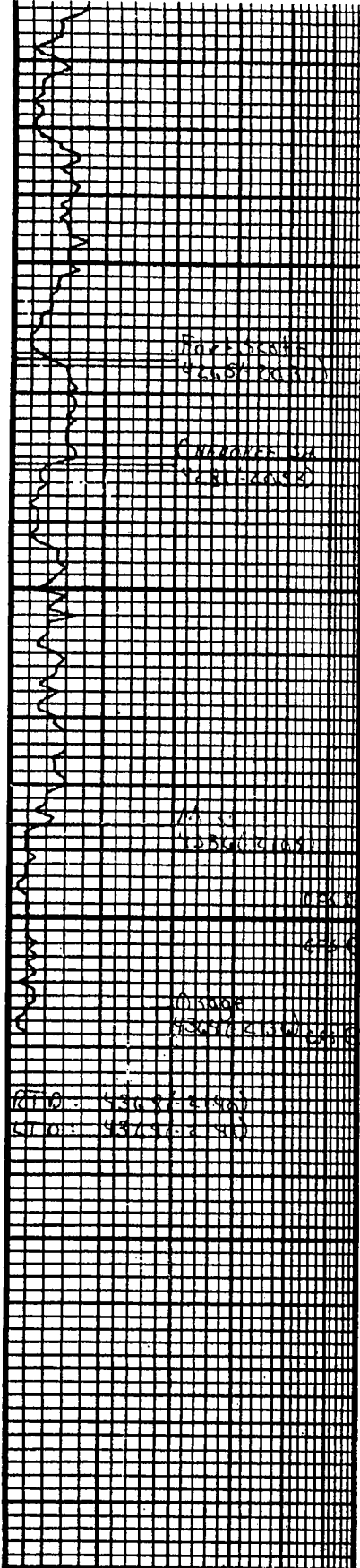
3800

3900

3800







Sh: drk gry. blk.

LS: wht. tan, Fu-mid sln, ppa, dms. 1-2 pcs wht. Jvy chms.

Sh: Black Carb

Sh: Black Carb

Sh: gry-drk gry

LS: tan, fine v. ln. sln, v dms. scat sub xln or, All ns. Scat chky or.

Sh: Black Carb

Sh: gry

LS: wht-tan, Fu xln, mostly v dms. 1-2 pcs w/ brn-stn, NSFO, No Od.

SS: Clk-whit, Fu-v. ln. sln, chst. well sort, subang. Fr 26 p. Fr sat w/ wtd sfo. Fr od w/ Fr.

Ch: tan, brn, wht, mostly v weath. some fresh, sh. jd ind. t ppa, scat wgs. jd sat w/ gd sfo, jd Od. Much free oil on exp. jd Fluor.

Ch: tan, wht, weath, scat shp ps. Fr. jd ppa w/ gd brn stn, sptd sfo. jd Od, Fr. jd Fluor.

Ch: tan, wht, weath, scat trip. Fr brn sh. w/ sptd sfo. Frag mostly wht, trip, shp. Fr w/ weath ps. ppa sln w/ Fr sptd sfo. Fr Od, jd Fluor. 6lt free oil on exp.

*M. L. ...*

OST #1  
4297-4347  
30-30-30-30  
IFP: 22-35  
FFP: 39-49  
SIP: 1191-1110  
HP: 2143-2068  
Rec:  
65' MGO 55%  
BHT: 110

OST #2  
4343-4354  
30-30-30-30  
IFP: 21-37  
FFP: 34-39  
SIP: 1197-1118  
HP: 2110-2095  
Rec:  
45' HOCM 20%  
BHT: 109

OST #3  
4352-4368  
45-45-45-45  
I.F. BOB 19 min. 1" s28  
F.F. BOB 35 min. 1" s28  
IFP: 29-116  
FFP: 114-185  
SIP: 1340-1353  
HP: 2095-2061  
Rec:  
465' GIP  
372' CO  
95' MGO 10% 60%  
G=36 BHT: 121

\* 22  
Flow  
at 3

38  
410

# ALLIED CEMENTING CO., LLC. 30133

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Russell

DATE <u>10/31/10</u>	SEC. <u>18</u>	TWP. <u>20</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>1:15 P.</u>	JOB FINISH <u>1:45 P.</u>
LEASE <u>Vandberg Section</u>	WELL# <u>1-18</u>	LOCATION <u>Rush Center Sta County line</u>			COUNTY <u>Barnece</u>	STATE <u>Ks.</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>25 to 14w 1/2 5 w into</u>				

CONTRACTOR Discovery Drilling Rig #4

TYPE OF JOB Surface Job

HOLE SIZE 12 1/8 T.D. 394

CASING SIZE 8 5/8 DEPTH 394.23

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 24.15 bbl

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 225 Con 31 CC 226-P

COMMON	<u>225</u>	@	<u>13.50</u>	<u>3037.50</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>20.25</u>	<u>81.00</u>
CHLORIDE	<u>8</u>	@	<u>51.50</u>	<u>412.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>225</u>	@	<u>2.25</u>	<u>506.25</u>
MILEAGE	<u>110.56</u>			<u>562.50</u>
TOTAL				<u>4599.25</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Shane

# 417 HELPER Heath

BULK TRUCK

# 473-187 DRIVER Ron D.

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Ran 9 5/8 8 5/8 + Landig 5 1/2

Est Circulation

Mixed 225 sks.

Cement Circulate

**SERVICE**

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>25</u>	@	<u>7.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL <u>1166.00</u>			

CHARGE TO: Downing Nelson

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

		@	
		@	
	<u>8 5/8 Wood Plug</u>	@	<u>N-C</u>
		@	
		@	

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or

Thanks!

# ALLIED CEMENTING CO., LLC. 30133

ATTN: P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Russell

DATE <u>10/31/10</u>	SEC. <u>18</u>	TWP. <u>20</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>1:15 P.</u>	JOB FINISH <u>1:45 P.</u>
LEASE <u>Vandenberg Section</u>	WELL# <u>1-18</u>	LOCATION <u>Rush Center 5th County line</u>			COUNTY <u>Rowan</u>	STATE <u>Ks.</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>25 to Rd X 14w 1/2 S Winto</u>					

CONTRACTOR Discovery Drilling Rig #4

TYPE OF JOB Surface Sol

HOLE SIZE 12 1/8 T.D. 394

CASING SIZE 8 5/8 DEPTH 394.23

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 24.15 bbl

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 225 Con 3111 226.1

COMMON	<u>225</u>	@	<u>13.50</u>	<u>3037.50</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>20.25</u>	<u>81.00</u>
CHLORIDE	<u>8</u>	@	<u>51.50</u>	<u>412.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>225</u>	@	<u>2.25</u>	<u>506.25</u>
MILEAGE	<u>110.56</u>			<u>562.50</u>
TOTAL				<u>4599.25</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Shane

# 417 HELPER Heath

BULK TRUCK

# 473-187 DRIVER Ron D.

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Ran 95% 8 5/8 + Landing Sol

Est Circulation

Mixed 225 sks.

Cement Circulate

CHARGE TO: Downing Nelson

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 991.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 25 @ 7.00 175.00

MANIFOLD @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 1166.00

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

8 5/8 wood plug @ \_\_\_\_\_ N-C

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or

Thanks!