



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1166112
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
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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: _____



1166112

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: 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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Max R. Lovely

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Richie Exploration, Inc.**
 LEASE **#1 Durrer 14D**
 FIELD **Thunder**
 LOCATION **NW SE SE**
 SEC **14** TWP **27** RGE **24W**
 COUNTY **Ford** STATE **KS**
 CONTRACTOR **Val Rig #1**
 SPUD **7-17-13** COMP **7-29-13**
 RTD **5125** LTD **5126**
 MUD UP **3654** TYPE MUD **Chem**

ELEVATIONS
 KB **2475**
 DF **2465**
 GL **2465**
 Measurements Are All From **KB**

CASING
 SURFACE **8 5/8" @ 354'**
 PRODUCTION _____
 ELECTRICAL SURVEYS
 Dual Lvs
 Comp N/D

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION		
				A	B	C
Anhydrite	1498	1496	979	991		
Base Anhydrite	1534	1534	941	948		
Stoller	3500	3502	-1027	-1024		
Header	4161	4166	-1680	-1686		
Lansing	4281	4284	-1809	-1805		
Muncie SH	4472	4474	-1999	-1992		
Stark SH	4599	4600	-2125	-2110		
Marmaton	4732	4741	-2226	-2254		
Pawnee	4811	4817	-2342	-2325		
Cherokee SH	4892	4884	-2389	-2378		
Huck	4950	4953	-2478	-2465		
Atoka SH	4964	4966	-2491	-2478		
Morrow	4991	4981	-2506	-2492		
Mississippi	4998	5001	-2526	-2514		

REFERENCE WELLS FOR STRUCTURE

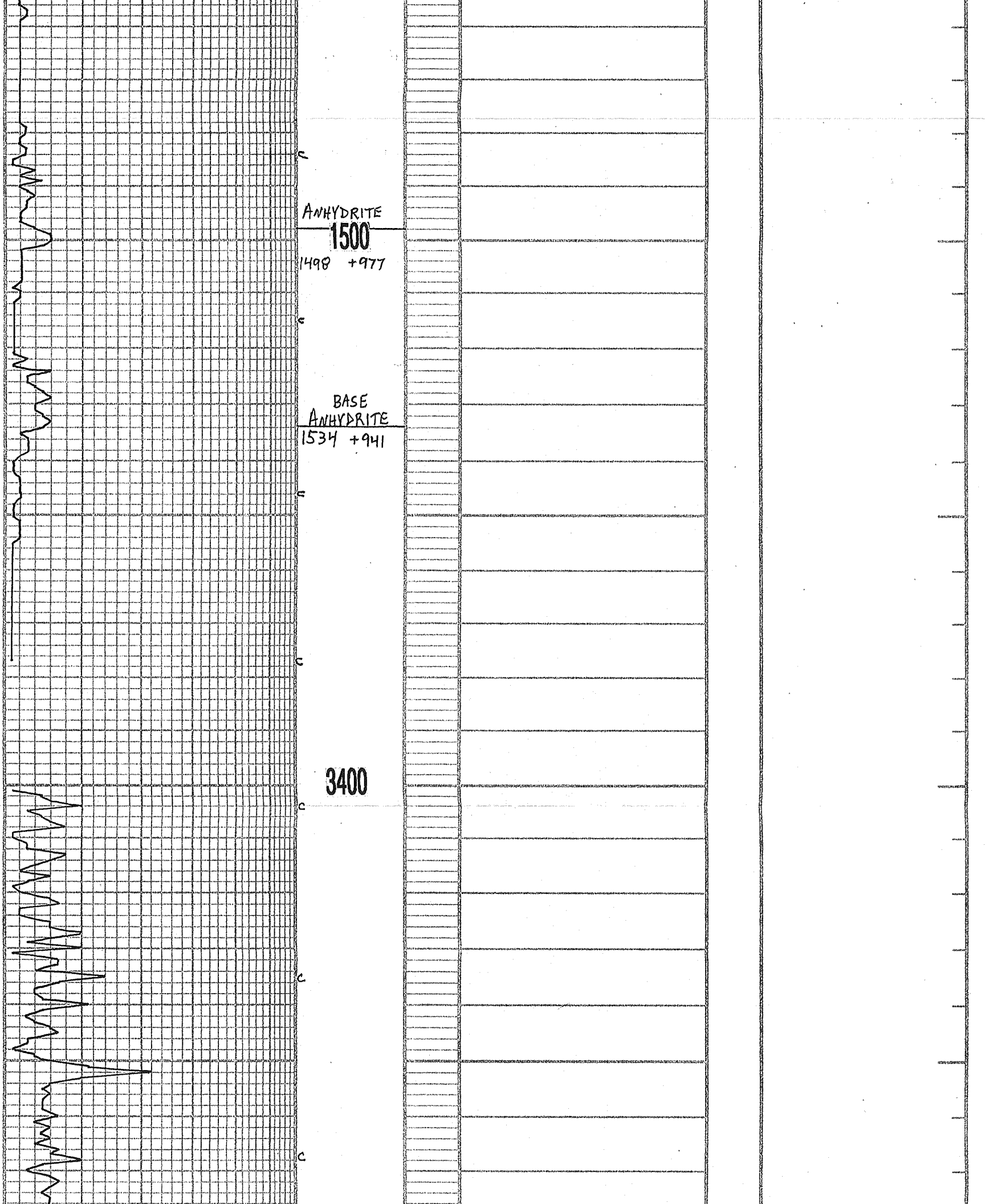
- A Ritchie #1 Potosi-Simon 1480' ESL, 1020' FWL 13-27-24W
- B _____
- C _____

REMARKS

LEGEND

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

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



STOTLER

c-3500
3500-1025

c

c

c

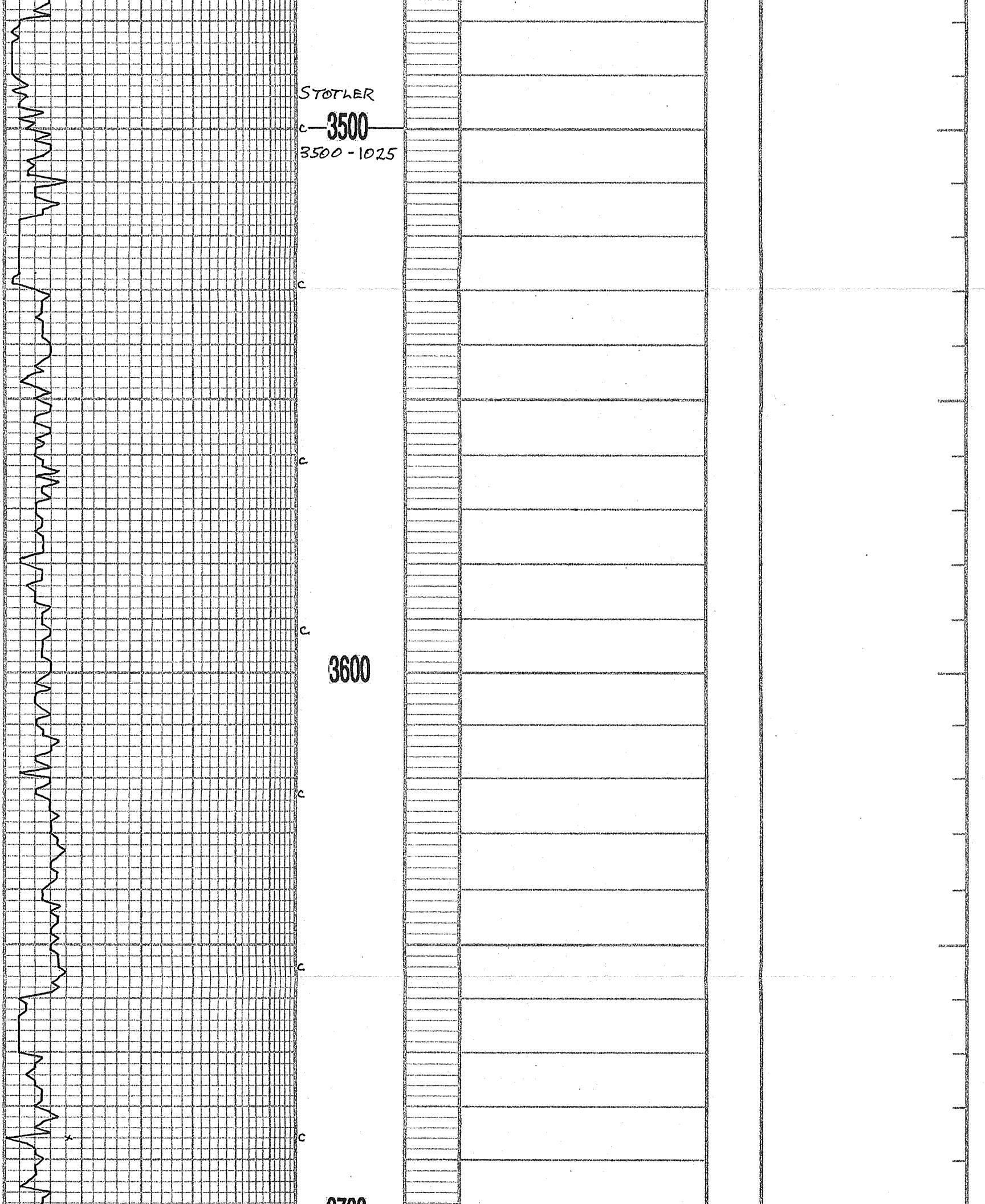
3600

c

c

c

3700



3700

MUD CHECK
VIS 53 WT 8.55
CHLOR 2.400 LCM 1/2
FILT 8.8

3800

LS, BRN, M XTLN, CRS TXT,
S → M HRD, F → G XTLN φ, NS

A.A.

LS, CRM, V FXTLN, S → M HRD,
NO VIS φ, NS

CHT, SCT, BLK, WHT FOSS W/N,
FRESH, LS A.A.

SH, LT GRY

LS, CRM, FXTLN, SOFT, V ALGAL,
NS, G FOSS φ

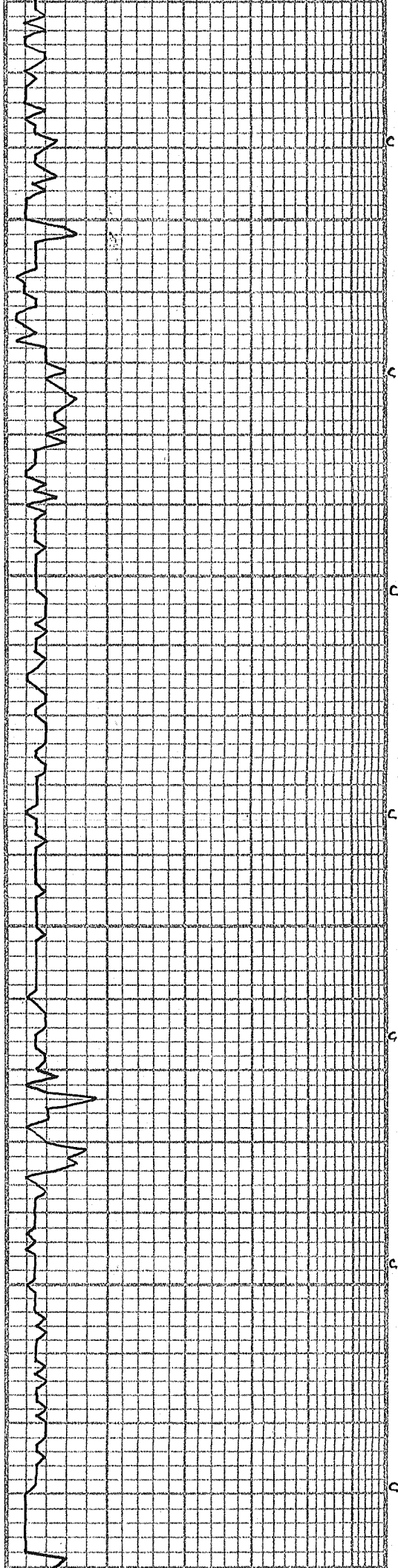
GEO on LOCK @ 3870'

SLTSTN, DK BRN, V SUDY

3900

LS, CRM, FXTLN, V SOFT, SL
C IHLKY, MOSTLY "ROTTEN", G φ, NS

LS, CRM, WHT, V FXTLN, HRD,
Pcs, V BMS, VP → TITE φ, NS



LS, CRM, GRAY, TAN, FXTLN,
MOSTLY DNS, SCT Pcs GRNLR
TXT, VP, NS

LS, GRAY, VFXTLN, HRD, V DNS,
ABUN SML FOSS → ALGAL,
TITE, NS

LS, CRM → TAN, FXTLN, HRD,
VWCMT'D ALGAL, P, NS

LS, LTGRY, VFXTLN, DNS,
MHRD, NO APP, NS

4000

LS, LTGRY, A.A., INCR WHCHT,
NS

R.A.

SH, GRAY → DK GRAY

LS, TAN, FXTLN, MHRD, F → G, NS

A.A.

SH, GRAY

LS (TAN, BUFF, F → M XTLN, HRD,
BRTL, GRNLR TXT, SCT FOSS,
PXTLN, NS

4100

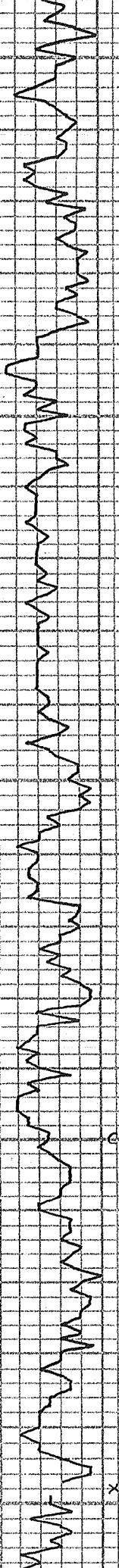
LS, AA., SOFT, INCR GILS STNG

SAMPLES POOR

LS, AA, CHLKY

LS, LTGRY, TAN, FXTLN, BRTL,
HRD M Pcs, F, NS

LS, TAN, CRM, F → M XTLN, SOFT,
V GRNLR TXT, G, NS



LS, CRM, F XTLN, V HRD, FOSS,
F → G FOSS Ø, NS

A.A.

C HEEBNER
4161 - 1025

SH, BLK, CARB
SH, GRY

TORONTO
4181 - 1686

LS, WHT, F → M XTLN, FOSS,
HRD, G FOSS Ø, NS

4200

DOLO, WHT, CRS → M XTLN, SOFT,
G XTLN Ø, NS, SL LMY
DOLO, WHT, CRM, SUCK, SOFT,
FOSS, NS

LMY

SH, GRN, LMY

A.A.

DOUGLAS
4238 - 1763

LS, CRM, F → M XTLN, HRD,
SL DNS, SCT FEW FOSS, VP Ø
NS

LS, AA

LS, TAN, F XTLN, HRD, DNS, TITE
NS

SH, VARICOLOR

LANSING
4281 - 1806

LS, WHT, F → M XTLN, M HRD, V FEW
SCT FOSS, F PP XTLN Ø, NS

A.A.

4300

LS, BRN, VF XTLN, DNS, HRD,
TITE, NS

SH, GRY

LS, WHT, M XTLN, CRS XTLN W/N,
HRD, F → P XTLN Ø, NS

CHALK

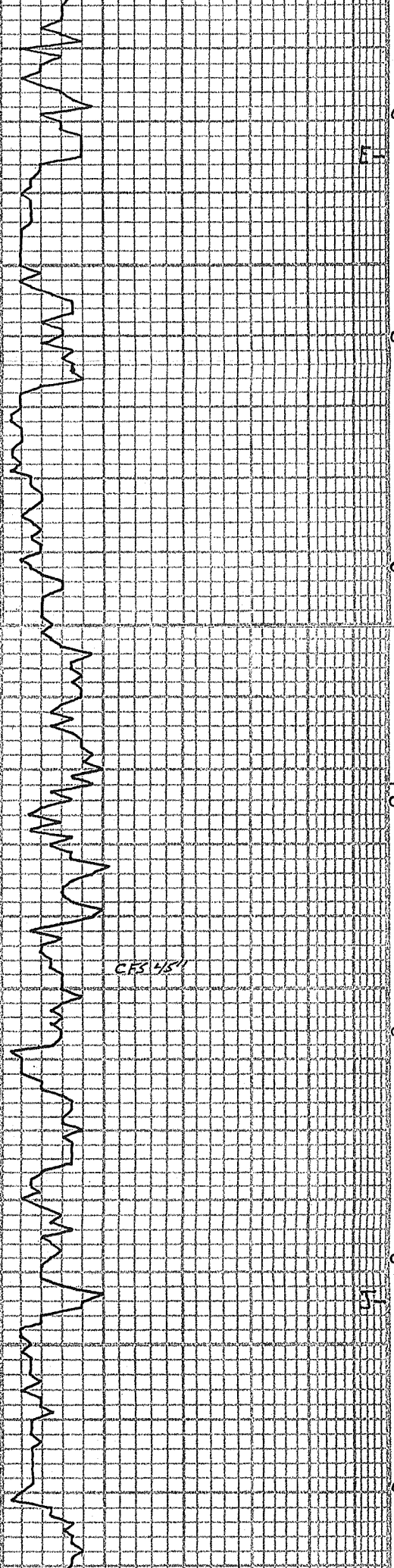
SH, GRY

SH, GRY

LS, BRN, GRY, F XTLN, V FEW FOSS,
NS

MUD CHECK
VIS 58 WT 9.0
CHLOR 4,200 LCM I
FILT 13.6

7:AM 7-24-13
DRLG @ 4350'



4400

LS, LT TAN, F XTLN, HRD, SCT PP →
F XTLN Ø. NS

SH, GRY
LS, TAN, GRY, M XTLN, CRS TXT,
G INT XTLN Ø. NS

LS, TAN, M XTLN, LG XTLS W/N,
HRD, NO VIS Ø. NS

LS, TAN, WHT, F → M XTLN, HRD,
V VUG → LG XTLN Ø. NS

LS, TAN, BUFF, V F XTLN, OOM,
NO VIS Ø. NS

LS, BUFF, F XTLN, HRD, NO VIS Ø
NS

LS, TAN, F XTLN, V HRD, SL GRNLR
TXT, TITE, NS

MUNCIE SH
4472-1997

SH, LT GRY
LS, CRM, F XTLN, SOFT, V SL
CHLKY, NS

LS, CRM, F XTLN, A.A.

DOLO, TAN, SUCR, HRD, NO APP Ø
NS

4500

LS, WHT, GRY, F → M XTLN, SL
DOLO, CRS XTLN, NO Ø. NS

A.A

LS, TAN, CRM, F XTLN, S → M HRD,
VF MICRO Ø. NS

SH, GRY, DK GRY

LS, WHT, F XTLN, S → M HRD,
BRITL, ? Ø. NS

DOLO, WHT, F XTLN, SOFT,
BRITL, G VUG Ø. NS

LS, TAN, VF XTLN, V DNS, V HRD,
TITE, NS

LS, WHT, F XTLN, BRITL

CFS 451



STARK SH

c 4600
4599 - 2124

LS. GRY, VF XTLN, DNS, HRD,
TITE, NS

SH, BLK, GRY

SH, GRY

LS. TAN, F XTLN, HRD, TITE,
SL SCT CHLK, NS

LS. WHY, F XTLN, HRD, DNS, TITE
NS

LS. GRY, F XTLN, SL DNS, HRD,
? PP XTLN ϕ , NS

MUSHPUCKNEY
4642 - 2167

SH, BLK

LS. DK BRN, VF XTLN, V DNS, V HRD
SCT FOSS, TITE, NS

LS. WHY/CRM, F XTLN, SOFT,
F \rightarrow P PP XTLN ϕ , NS

LS. DK BRN, VF XTLN, DNS, HRD,
TITE, NS

LS. WHY, F \rightarrow SL M XTLN, HRD,
SCT FOSS, VP ϕ , NS

BKC
4683 - 2208

SH, DK GRY/BLK

LS. WHY, VF XTLN, SOFT,
V LG PBBLS W/N, NO APP ϕ , NS

4700

LS. TAN, GRY, BRN, F XTLN,
V HRD, SL DNS, TITE, NS

SH, GRY

SH, BLK

LS. DK BRN, VF XTLN, V HRD,
DNS, ABUN FOSS, TITE, NS

MARMATON
4732 - 2257

LS. BRN, VF XTLN, V HRD, DNS,
ABUN FOSS, TITE, NS

CHT, DK BRN, FRESH, V FOSS
NS

ALTA MONT
4752 - 2277

LS. BRN, F XTLN, W CMT'D, LG
FRAGS + SML FOSS, HRD, TITE
NS

LS. A.A.

LS. BRN, F XTLN, LG FRAGS W/N,
V BRTL, ? ϕ , NS

LS. WHY, F XTLN, LG FRAGS +
FOSS W/N, HRD, TITE, NS

A.A.

4800

LS. WHY, F XTLN, HRD, TITE, NS

VIS 54
WT 9.0

4694' - 51 STANDS
SHORT TRIP

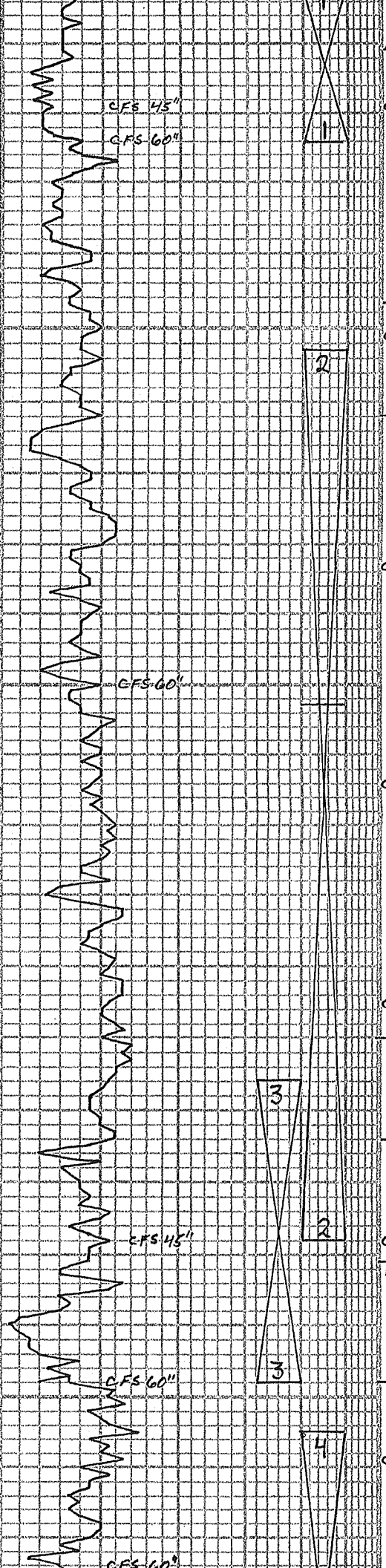
7:AM 7-25-13,
DRLG @ 4710'

MUD CHECK
VIS 53 WT 9.0
CHLOR 8,000 - P.T MUD
FILT 128 LCM1

DST #1 4802 - 4824
30.45.45.60

IF: 3 1/2" ISL: surf
FF: BOB 27min FS: surf

REC: 150' GIP



PAWNEE
4811 -2336

Ft. Scott
4847 -2372

CHEROKEE
4862 -2387

4900

HUCK
4950 -2475

ATOKA
4964 -2489

MORROW
4981 -2506

MISS
5000
4998 -2523

SH, GRY

LS, TAN, FXTLN, SOFT, BRTL, LT SCT FLUOR STNG, NO ODOR

LS, WHT, CRM, V FXTLN, G XTLN OIL FILL ϕ , HVY FLUOR O SPTS ON BRK, LT RAINBOW N CUP V LT OIL, G XTLN \rightarrow SL VUG ϕ , LESS GAS W/DEPTH

LS, TAN / CRM, FXTLN

SH, BLK, GRY

CHT, WHT, SMOKE, OPAQ, FRESH, SHARP

LS, LT GRY, FXTLN, V HRD, DNS, TITE, NS

SH, BLK

LS, TAN, BUFF, FXTLN, HRD, TITE, NS

LS, BRN / TAN / GRY, M \rightarrow CRS XTLN, V FSS, VP XTLN ϕ , NS

LS, CRM / WHT, FXTLN, S \rightarrow M HRD, SCT EDGE FLUOR STNG, VP MICRO ϕ 1 Pc w/micro FLUOR OIL SPTS ON BRK

SH, BLK

LS, BRN, VF XTLN, SUCR TXT, HRD, DNS, TITE, NS

A.A.

LS, DK BRN / GRY, VF XTLN, DNS, V HRD, TITE, NS

LS, GRY / WHT, VF XTLN, DNS, V HRD, NS

LS, LT TAN, V FXTLN, HRD, DNS, TITE, NS

SH, GRY

LS, TAN, FXTLN, HRD, DNS, SCT FLUOR STNG, VF SCT MICRO FLUOR OIL SPTS ON BRK

LS, WHT, FXTLN, SOFT, G EVEN FLUOR STNG, G FLUOR FO ON BRK MOSTLY SCT STNG w/ MICRO OIL SPTS ON BRK

LS, TAN, FXTLN, M HRD, DNS, TITE, NS

SH, GRY

LS, TAN, FXTLN, M HRD, SL DNS, Pcs SAT FLUOR STNG, V FEW FO ON BRK, MOSTLY FIBROUS FLUOR

SH, GRY, MUSTARD

SS, CLR, UNCONSOL, P SAT, SUB RND \rightarrow RND, NO VIS SHO

LS, TAN, WHT, V FXTLN, DNS, HRD, BLK TARRY DD OIL ON FRAC PLANES

LS, WHT, F \rightarrow M XTLN, V HRD, SL Dolo - SOCR, F GRND, HRD, NO VIS ϕ , NS

LS, CRM, F \rightarrow M XTLN, BRTL, F INT XTLN ϕ , NS

LS, WHT, V GRN w/ WEA CHT STRKS HRD, CHT w/ G FLUOR OIL SAT STNG \rightarrow

FEW Pcs STNG
G ODR ON BRK
LT ODR GLASSY

NO ODR

V LT ODR

? ODR

FO-TRAY "CUP"

TR GAS V LT OIL

90' SOCM, 5% OIL

FP: 41-61, 61-78
SIP: 824-749
HP: 2354-2318
3824: 2S STMB SHORT TRIP
7:AM 7-26-13
DST #1 @ 4824'
MUD CHECK
VIS 50 WT 9.1
CHLOR 7,000 LCM 2
FILY 6.4

DST #2 4853-4978
30.45.60.90
IF: BOB 1 1/4 MIN ISI: NR
FF: BOB IMMED FSI: NR
@FF: 209 MCF
10" 81.5 MCF
20" 66.61 MCF - STAB
REC: 100' M
FP: 114-118, 119-118
SIP: 1513-1506
HP: 2441-2402

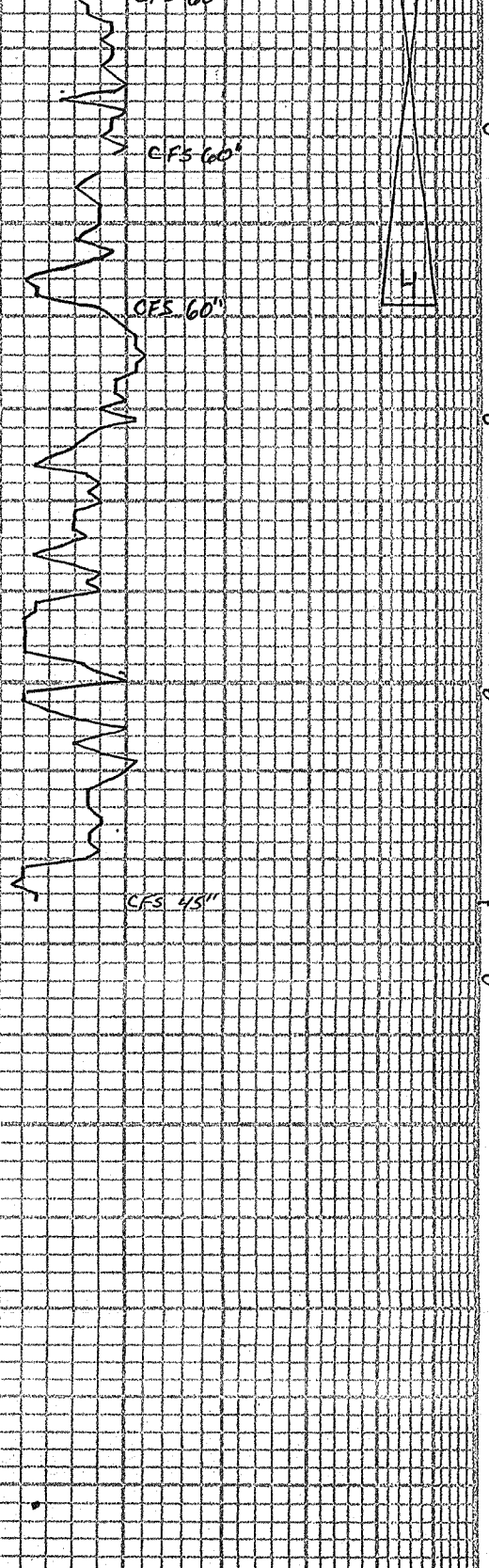
DST #3 4956-4998
GTS: 18" 30.45.60.90
IF: BOB 1 1/2 MIN, ga 36 MCF
ISI: V WK SURF BLO
FF: BOB IMMED FSI: NR
ga: 46 MCF - STAB
REC: 45' OSM, 1% OIL
FP: 79-61, 50-56
SIP: 1532-1531
HP: 2466-2420

STRAP 4978.33
BOARD 4978.01
long .32

7:AM 7-27-13
DST #2 @ 4978'
MUD CHECK
VIS 48 WT 9.1
CHLOR 8,000 LCM 2
FILY 8

7:AM 7-28-13
DST #3 @ 4998'
MUD CHECK
VIS 54 WT 9.3
CHLOR 8,000 LCM 2
FILY 8.8

F \rightarrow G INT XTLN ϕ , (FO DROP



5100

RTD

<p>△ △ CHT, WHT, LMY, FOSS, V HRD, TITE LS, TAN, V EXTLN, V DNS + HRD, TITE, NS, SCT FOSS</p>
<p>LS, TAN, FXTLN, HRD, SL SCT CHT - PEACH, NO VIS P, NS</p>
<p>LS, BUFF, F → M XTLN, M HRD, NO FOSS, NO VIS P, NS</p>
<p>NS, BUFF, FXTLN, ABUN M → CRS XTLN 1/4", M HRD, SL BRTL, NO APP, NS DOLO, GRY, TAN, GRMY, SOFT</p>
<p>LS, WHT, FXTLN, DNS, V HRD, SCT BRN CHT, NS</p>
<p>△ △ CHT, WHT, V FOSS, FRESH, SHARP NS</p>
<p>LS, CRM, BUFF, F → M XTLN, BRTL, SOFT, P XTLN P, NS</p>
<p>△ △ CHT, WHT, SCT GRY. NODS 1/4", FRESH, NS</p>
<p>△ △ △ △ LS, BUFF, F → M XTLN, HRD, P XTLN P → TITE, NS</p>
<p>DOLO, WHT, BLK. MINS 1/4", SUCR, ? P, NS</p>
<p>LS, BUFF, FXTLN, HRD, SL DNS, NO APP, NS</p>
<p>LS, WHT, FXTLN, V CLEAN, HRD, DNS, TITE, NS</p>
<p>LS, WHT, V SOFT, F → M XTLN, BRTL, NS</p>

G 000R N/TRAY LT STNG

DST #4 5005-5059
 30.45.30.45

IF: 1/2" ISI, NR
 FF: dead, flush, dead
 REC: 30' M w/OIL SHOW
 FP: 51-57, 60-66
 SIP: 985-893
 HP: 2504-2453

7:AM 7-29-13
 DR LG @ 5084'

10 STND SHORT TRIP
 COND @ 1 1/2 HRS
 MUD CHECK
 VIS 5-1 WT 9.2
 CHLOR 8,000 LCM 2
 FILT 80



#1 Durler 14D

820' FSL & 945' FEL

1770' S & 45' E of NW SE SE Section 14-27S-24W

Ford County, Kansas

API# 15-057-20904-0000

Elevation: 2465' GL, 2475' KB

Sample Tops			Ref. Well
Anhydrite	1498'	+977	-14
B/Anhydrite	1534'	+941	-7
Stotler	3500'	-1025	-1
Heebner	4161'	-1686	Flat
Lansing	4281'	-1806	-1
Muncie Shale	4472'	-1997	-5
Stark Shale	4599'	-2124	-6
Hush	4642'	-2167	-5
BKC	4678'	-2203	-5
Marmaton	4732'	-2257	-3
Altamont	4750'	-2275	-5
Pawnee	4810'	-2335	-7
Cherokee Shale	4862'	-2387	-9
Huck	4950'	-2475	-10
Atoka	4964'	-2489	-11
Morrow	4981'	-2506	-14
Mississippian	4998'	-2523	-9
RTD	5125'	-2650	

ALLIED OIL & GAS SERVICES, LLC 052226

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Invoice 140-1

Liberals

DATE <i>7-19-13</i>	SEC. <i>14</i>	TWP. <i>27</i>	RANGE <i>24</i>	CALLED OUT	ON LOCATION <i>5:30 a.m.</i>	JOB START <i>6:00 a.m.</i>	JOB FINISH <i>7:00 a.m.</i>
LEASE <i>Owner</i>	WELL# <i>#1</i>	LOCATION <i>Vec Dodge City Smile west on</i>		COUNTY <i>Ford</i>	STATE <i>KS</i>		
OLD OR <u>NEW</u> (Circle one)		Saddled to <i>Ad 117 4 mile north west into</i>					

CONTRACTOR
TYPE OF JOB *Surface*

HOLE SIZE *12 1/2* T.D. *350*

CASING SIZE *8 5/8* DEPTH *360*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *40 FT*

CEMENT LEFT IN CSG. *2.5 bbls*

PERFS.

DISPLACEMENT *20.36 bbls*

OWNER

CEMENT
AMOUNT ORDERED *Class A 2" ringd 390cc*
250 st

COMMON	<i>250</i>	@	<i>17.90</i>	<i>4,475.00</i>
POZMIX		@		
GEL	<i>4.7</i>	@	<i>23.40</i>	<i>109.98</i>
CHLORIDE	<i>82</i>	@	<i>44.00</i>	<i>3,608.00</i>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>256.7</i>	@	<i>2.48</i>	<i>636.61</i>
MILEAGE	<i>018.45</i>	@	<i>2.60</i>	<i>480.57</i>
TOTAL				<i>7,392.76</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Lenny Baeza*

531-541 HELPER *Cesar P.*

BULK TRUCK

062-744 DRIVER *Victor C.*

BULK TRUCK

DRIVER

REMARKS:
Thank You

SERVICE

DEPTH OF JOB	<i>0-500 FT</i>			
PUMP TRUCK CHARGE	<i>1512.25</i>			
EXTRA FOOTAGE		@		
MILEAGE	<i>50</i>	@	<i>7.70</i>	<i>385.00</i>
MANIFOLD	<i>275</i>	@	<i>4.40</i>	<i>1,207.50</i>
<i>Light Vehicle</i>	<i>50</i>	@	<i>4.40</i>	<i>220.00</i>
		@		

TOTAL *2392.25*

CHARGE TO: *Ritchie Exploration*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *Walter Purcell*

SIGNATURE *[Signature]*

SALES TAX (If Any) _____

TOTAL CHARGES *9,785.01*

DISCOUNT *Net = 7,828.00* IF PAID IN 30 DAYS

[Handwritten mark]

ALLIED OIL & GAS SERVICES, LLC 059883

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Medicine Lodge KS
07/30/13

DATE <u>07/29/13</u>	SEC. <u>14</u>	TWP. <u>27s</u>	RANGE <u>24w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Darler 14D</u>	WELL # <u>1</u>	LOCATION <u>Ford KS North & West on 400 to 117 Rd</u>			COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>2 south, 1/4 west, North side</u>					

CONTRACTOR Vgl #1
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 5/25
 CASING SIZE 8 5/8 DEPTH 350
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH 1500
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT East H₂O / Mud
 EQUIPMENT

OWNER Ritchie Expl
 CEMENT
 AMOUNT ORDERED 2500x 60:40:4% Gal + 1/2 # Floseal

PUMP TRUCK CEMENTER Jason Threewick
 # 471/555 HELPER
 BULK TRUCK
 # 381/290 DRIVER David Felio
 BULK TRUCK
 # DRIVER

COMMON <u>A 150</u>	@ <u>17.90</u>	<u>2685.00</u>
POZMIX <u>100</u>	@ <u>9.35</u>	<u>935.00</u>
GEL <u>9</u>	@ <u>23.40</u>	<u>210.60</u>
CHLORIDE	@	
ASC	@	
<u>Floseal 62</u>	@ <u>2.97</u>	<u>184.14</u>
	@	
	@	
	@	
	@	
	@	
HANDLING <u>268</u>	@ <u>2.48</u>	<u>664.64</u>
MILEAGE <u>11.21/50</u>	@ <u>2.60</u>	<u>1457.30</u>
TOTAL		<u>6136.68</u>

REMARKS:

SERVICE

DEPTH OF JOB <u>1500</u>		
PUMP TRUCK CHARGE <u>2249.84</u>		
EXTRA FOOTAGE	@	
MILEAGE <u>50</u>	@ <u>7.70</u>	<u>385.00</u>
MANIFOLD	@	
LV <u>50</u>	@ <u>4.40</u>	<u>220.00</u>
	@	

TOTAL 2854.84

CHARGE TO: Ritchie Expl
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

NA

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

TOTAL _____

To: Allied Oil & Gas Services, L.L.C.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES 8991.52
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Walter Farcell
 SIGNATURE [Signature]

Net 7193.21

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 30, 2013

John Niernberger
Ritchie Exploration, Inc.
8100 E 22ND ST N # 700
BOX 783188
WICHITA, KS 67278-3188

Re: ACO1
API 15-057-20904-00-00
Durler 14D 1
SE/4 Sec.14-27S-24W
Ford County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
John Niernberger