



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1208651  
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: \_\_\_\_\_

1208651

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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REMIT TO  
 RR 1 BOX 90 D  
 HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

509

DATE <i>6/23</i> SEC. <i>7.5</i>	RANGE/TWP. <i>10 - 25</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <i>Pfo. for</i>			WELL # <i>7</i>		
			COUNTY <i>SH</i>	STATE <i>KS</i>	

CONTRACTOR <i>W/W 6</i>	OWNER <i>RL</i>			
TYPE OF JOB				
HOLE SIZE <i>12 1/4</i>	T.D. <i>231</i>	CEMENT		
CASING SIZE <i>8 5/8</i>	DEPTH	AMOUNT ORDERED		
TUBING SIZE	DEPTH			
DRILL PIPE <i>4 1/2</i>	DEPTH			
TOOL	DEPTH			
PRES. MAX	MINIMUM	COMMON	<i>165</i>	@ <i>14"</i>
DISPLACEMENT	SHOE JOINT	POZMIX		@
CEMENT LEFT IN CSG.		GEL	<i>3</i>	@
PERFS		CHLORIDE	<i>5</i>	@
		ASC		@
EQUIPMENT				@
				@
PUMP TRUCK				@
#				@
BULK TRUCK				@
#				@
BULK TRUCK				@
#				@
				@
		HANDLNG	<i>173</i>	@ <i>12"</i>
		MILEAGE		@
				TOTAL

REMARKS	SERVICE <i>Surface</i>		
<i>Plus down @ 3:00 PM</i>	DEPT OF JOB	@	
	PUMP TRUCK CHARGE	@	<i>950</i>
	EXTRA FOOTAGE	@	
<i>Give Cement to P.4</i>	MILEAGE	@	
	MANIFOLD	@	
		@	
		TOTAL	

CHARGE TO: <i>RLC</i>	
STREET	STATE
CITY	ZIP

PLUG & FLOAT EQUIPMENT	
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**OPERATOR**

Company: RL INVESTMENT, LLC  
 Address: 217 SAINT PETER ST  
 MORLAND, KS 67650

Contact Geologist: RANDALL PFEIFER  
 Contact Phone Nbr: (785) 421-6448  
 Well Name: PFEIFER #7  
 Location: SW SW SE SE 25-10S-25W  
 Pool:  
 State: Kansas

API: 15-065-23746-00-00  
 Field: UNNAMED  
 Country: USA

**Scale 1:240 Imperial**

Well Name: PFEIFER #7  
 Surface Location: SW SW SE SE 25-10S-25W  
 Bottom Location:  
 API: 15-065-23746-00-00  
 License Number: 33268  
 Spud Date: 6/22/2011 Time: 8:00 AM  
 Region: GRAHAM  
 Drilling Completed: 6/29/2011 Time: 5:50 PM  
 Surface Coordinates: 75' FSL & 1319' FEL  
 Bottom Hole Coordinates:  
 Ground Elevation: 2438.00ft  
 K.B. Elevation: 2443.00ft  
 Logged Interval: 0.00ft To: 4360.00ft  
 Total Depth: 4574.00ft  
 Formation: FT SCOTT  
 Drilling Fluid Type: Chemical/Fresh Water Gel

**SURFACE CO-ORDINATES**

Well Type: Vertical  
 Longitude: -100.0560647 Latitude: 39.1466061  
 N/S Co-ord: 75' FSL  
 E/W Co-ord: 1319' FEL

**LOGGED BY**

Company: SOLUTIONS CONSULTING  
 Address: 108 W 35TH  
 HAYS, KS 67602

Phone Nbr: (785)258-3737  
 Logged By: Geologist

Name: JEFF LAWLER

**CONTRACTOR**

Contractor: WW DRILLING, LLC  
 Rig #: #6  
 Rig Type: MUD ROTARY  
 Spud Date: 6/22/2011 Time: 8:00 AM  
 TD Date: 6/29/2011 Time: 5:50 PM  
 Rig Release: Time:

**ELEVATIONS**

K.B. Elevation: 2443.00ft Ground Elevation: 2438.00ft  
 K.B. to Ground: 5.00ft

**NOTES**

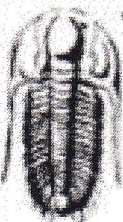


TD 4574' (-2131) LOST CIRCULATION @ 9:01 AM (~40 bbl), PULLED 5 STANDS AND 5 STANDS @ APPROX. 9:35 AM, BUILD MUD VOLUME, TIH W/ BIT 1 STAND OFF BOTTOM, CIRCULATE HOLE CLEAN 1 HOUR.

This well ran structurally flat to the Pfeifer #1 (producer) in 31-10S-25W. One DST was run covering the LKC "C&D" zones with only specks of oil recovered. Once BKC was reached, lacking development and shows throughout the remaining zones a decision was made to convert this well into a saltwater disposal. Drilled through the top of the Mississippian and logged. Deepened into Arbuckle until circulation was lost at 4574' (-2131), pulled 5 stands and regained circulation. Tripped in hole until one stand off bottom and circulated the hole clean. Set 5 1/2" X 15.5# production casing.

Respectfully Submitted,

Jeff Lawler

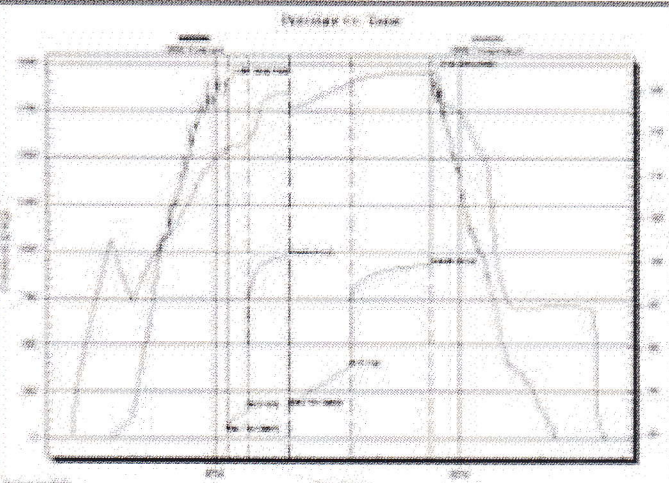
 <b>TRILOBITE TESTING, INC</b>	<b>DRILL STEM TEST REPORT</b>	
	RSL Investments LLC 217 Saint Peter St. Moriand KS 67850  ATTN: Jeff Lawler	Pfeifer #7 25/10/25 Graham CoKS Job Ticket: 43161      DATE: 1 Test Start: 2011.06.26 @ 16:17:15

**GENERAL INFORMATION:**

Formation: C & D	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: Mike Roberts
Time Tool Opened: 16:08:30	Unit No: 48
Time Test Ended: 22:48:00	
Interval: 3787.00 ft (KB) To 3836.00 ft (KB) (TVD)	Reference Elevations: 2448.00 ft (KB)
Total Depth: 3836.00 ft (KB) (TVD)	2443.00 ft (CP)
Hole Diameter: 6.88 inches Hole Condition: Fair	KB to OACF: 5.00 ft

Serial #: 6059	Outside	Capacity: 9000.00 cc/gal
Press@RunDepth: 385.55 cc/gal @ 3827.00 ft (KB)	Last Calc.: 2011.06.26	
Start Date: 2011.06.26	End Date: 2011.06.26	Time On Btm: 2011.06.26 @ 16:08:15
Start Time: 16:17:15	End Time: 22:48:00	Time Off Btm: 2011.06.26 @ 20:39:45

**TEST COMMENT:** F: BCB in 5 min.  
 IS: No return show  
 FF: BCB in 7 min.  
 FS: No return show



PRESSURE SUMMARY			
Time (Min)	Pressure (cc/gal)	Temp (deg F)	Annotation
0	155.65	113.12	Initial Hydro-static
1	32.45	112.82	Open To Flow (1)
16	164.65	113.79	Shut-in (1)
46	97.06	119.54	End Shut-in (1)
47	173.95	118.93	Open To Flow (2)
91	385.55	120.63	Shut-in (2)
151	927.87	121.72	End Shut-in (2)
152	1545.27	120.48	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)

Gas Rates			
Time (min)	Flow (inches)	Pressure (cc/gal)	Gas Rate (cc/gal)



**ROCK TYPES**

- Cht vari
- Lmst fw7>
- shale, gry
- shale, red
- Ss
- Dolprim
- shale, grn
- Carbon Sh
- Shcol

**ACCESSORIES**

**MINERAL**

- P Pyrite
- △ Chert White

**FOSSIL**

- ∩ Bioclastic or Fragmental
- ◇ Brachiopod
- Crinoids
- ⊕ Oolite
- ♣ Plant Remains
- ⊕ Fossilinid

**STRINGER**

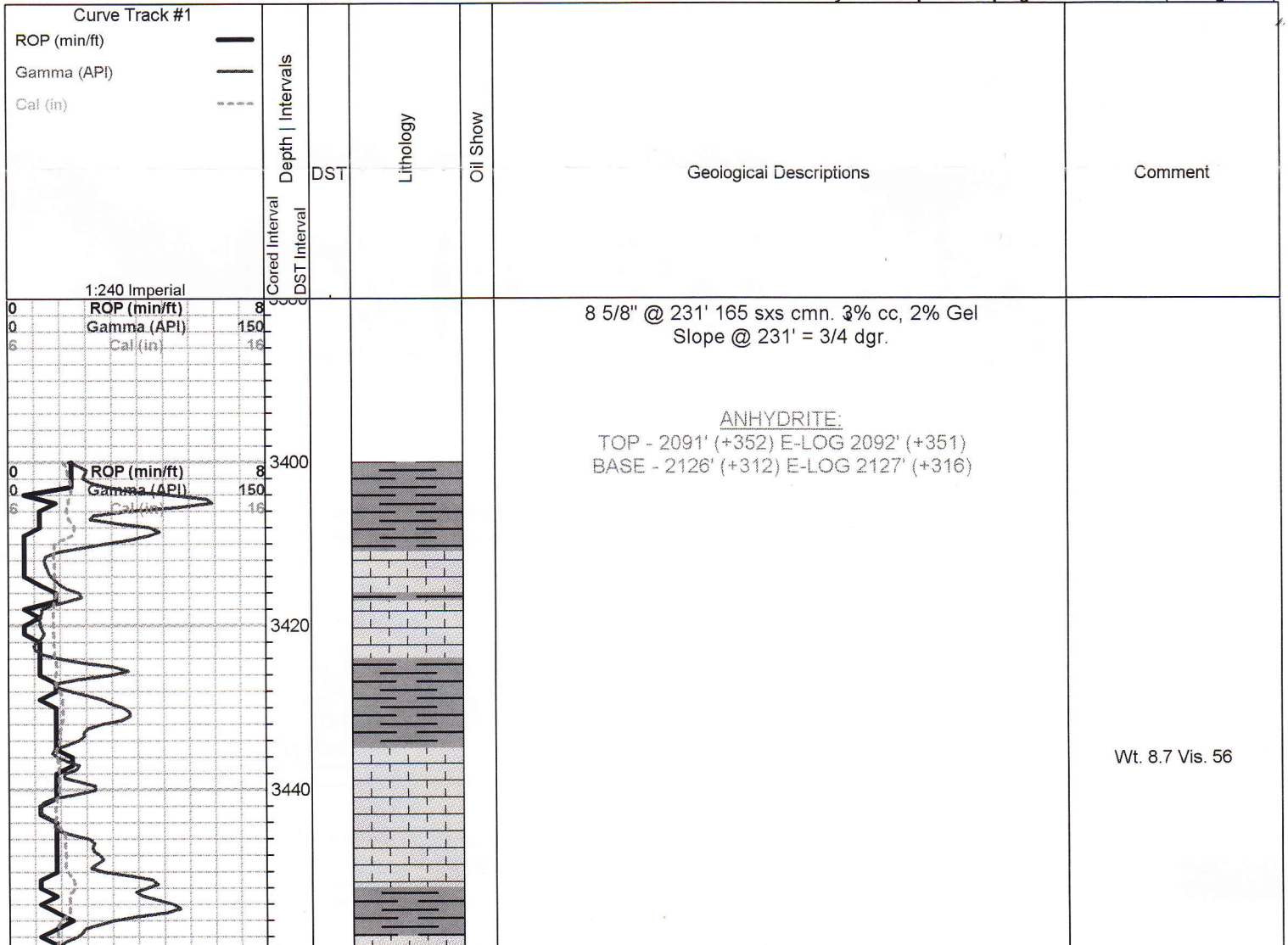
- 〰 Chert
- ▨ Dolomite
- ▩ Limestone
- ▩ Sandstone
- ▩ Shale
- ▩ green shale
- ▩ red shale
- ▩ carb shale

**OTHER SYMBOLS**

**DST**

- DST Int
- DST alt

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)





Lm./Sh. mix - A/A

TOPEKA 3514' (-1171) E-LOG 3516' (-1073)

Lm. Tan Cream, Moderately dense to granular & clastic w/ fossil fragments. Cryptocrystalline to pinpoint porosity w/ secondary solution porosity. Few qtz. clusters, rounded & well cemented. Clean & Barren  
Sh. - Red Gray Lime Green

Lm. Gray - Lt. Gray, trashy reworked bioclastic mix w/ Crinoids & fossil fragments.

Wt. 8.8 Vis. 60

Sh. - Red Gray, Abundant slick to non-fissile

Lm. - Tan Cream Lt. Gray, reworked in part. Semi-granular w/ bio- clastic fragmental mix. Few pieces of cream speckled chert. Clean & Barren NSO NO ODR

Sh- Red Gray, Abundant shale & white lime. Few poorly cemented clusters w/ glauconite. White chalk.

Lm.-Tan Cream, Granular bioclastic w/ moderate porosity. fossil fragments. NSO NO ODR

Sh. Red & Gray

Lm- Lt. Brown Cream, bedded chert, Slightly fossiliferous.

Wt. 8.8 Vis. 61

Sh- Black Gray Red, Carbonaceous fissile

Lm- Tan Lt Brown, Speckled, moderately dense w/ pinpoint porosity.

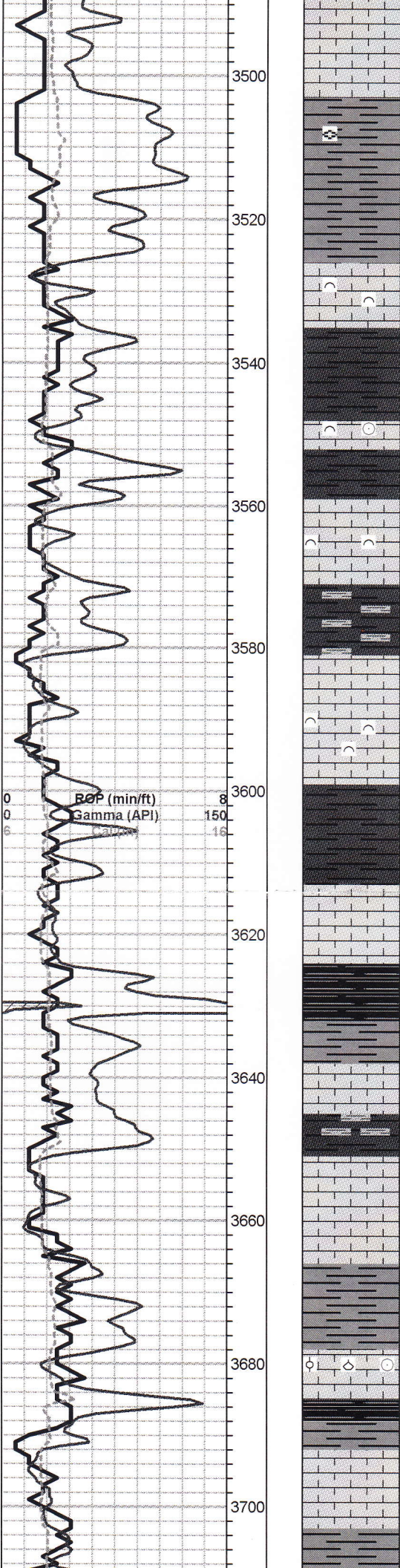
Sh- Red Gray Brown, Abundant red shale

Lm- Tan Cream, VF XLN, granular to moderately dense, pinpoint to no vis. porosity, adequate development. Chalky in part. NSO NO ODR

Lm-A/A granular, fossiliferous, well developed, XLN, moderate porosity. Few chips of dolomitic Ls.

Sh- Black Red Lime Green, Carboaceous

Lm-Tan Cream, oolitic-oolimoldic, fossiliferous Ls & bedded chert, FXLN & well sorted, well developed w/ good porosity. NSO NO ODR





HEEBNER 3740' (-1297) E-LOG 3742' (-1299) Sh- Black Red Lime Green, Abundant Carbonaceous fissle shale.

Sh- Red Gray Brown Lime Green

TORONTO 3759' (-1316) E-LOG 3764' (-1321) Lm- Off White Lt Gray, VFXLN, well developed w/ good porosity, fussionids, Clean & Barren NO ODR

LKC 3781' (-1338) E-LOG 3779' (-1336) Lm- Tan Cream, oolitic w/ crinoinds & fussionids. Dense in part w/ no visable porosity, few chips of chert. oolites loosely cemented, chalky in part, 1 chip FO on crush, few globules of lively oil, NO ODR  
Lm- Tan Cream, well sorted moderately dense w/ pinpoint porosity few chips of VF grained clean dolomite, few chips of chert NSO NO ODR

MUD CHECK @ 3785  
WT. 9 Fun. Vis. 54  
pH 8.0 Chlor. 1000  
H2O Loss 8.0 LCM 2#

Lm- Tan Cream, VF XLN, moderately developed w/ innerXLN porosity. Lt scattered spotted STN, FNT ODR

Lm- Off White, prestine VF XLN, moderately dense w/ pinpoint to no vis. porosity. Clean & Barren.

Lm- Off White Tan, Med-Coarse XLN, pinpoint to microcrystalline porosity. NO ODR NO STN

Lm- Tan Cream Presitne Off white, moderately dense to dense w/ no visable porosity, white fresh bedded chert.NSO NO ODR

Sh- Maroon, Red, Gray, Black

Lm- Off White, VF-Coarse XLN, granular in part, well sorted, good porosity. Clean & Barren

Sh- Black, Gray, Lt. Brown - Carbonaceous, fissle

Lm- Lt Gray Tan, trashy, VF XLN, dense, no visable porosity

Lm- Cream Tan, Poorly developed & moderately dense, microcrystalline NSO NO ODR

Lm- Cream Lt. Tan, VF grained to med XLN, moderately dense w/ pinpoint porosity. Clean & Barren

Sh- Black Gray Red Lime Green

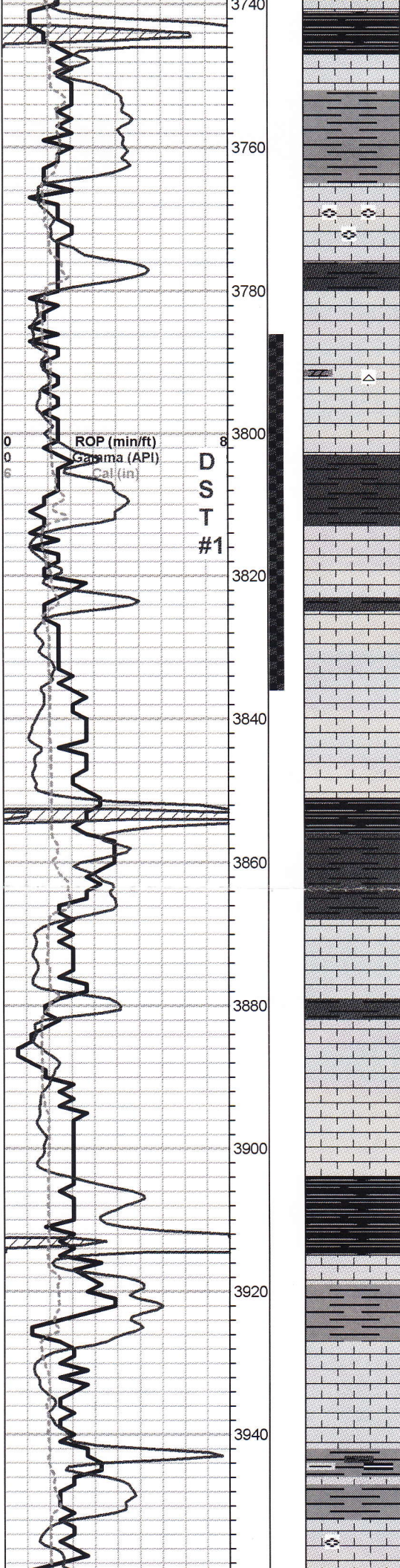
Lm- Tan Cream, Med XLN, inner XLN porosity w/ fussionids. Chalkv in part.

DST #1 3787-3835

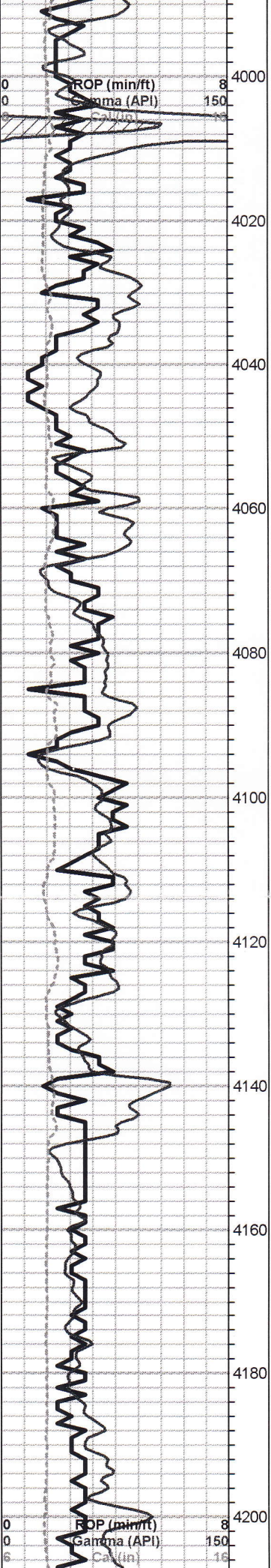
STRAP:  
Strap 3843.61  
Board 3840.58  
3.03 Strap long

SLOPE SURVEY= 1dgr.

MUD CHECK @ 3926  
Wt. 9.4 Fun Vis. 75  
pH 8.5 Chlor. 3000  
H2O Loss 8.8 LCM 1.5#







Lm- Off White Tan, VF grained, well sorted XLN, pinpoint porosity. Clean & Barren NO ODR

Sh- Black Red Gray Lime Green, Carbonaceous & fissle

Lm- Cream Tan, Med grained XLN, pinpoint porosity, moderately dense. Some Lt. Brown trashy mix. Few pieces of tan bedded chert.

BKC 4029' (-1586) E-LOG 4027' (-1584) Sh- Black Red Gray Brown, Abundant fissle various colored shales & sticky gray lime.

Lm- Tan Cream Salmon, VF XLN, granular w/ pinpoint porosity. Salmon colored silicious Ls. & chert.

Sh- Gray Brown Lime Pea Green, Abundant various colored shales

Sh- Brown Gray

Sh- A/A

Lm- Tan Cream, some granular, mostly FXLN w/ pinpoint porosity & a few silicious fossil fragments

Sh- Gray Brown, Abundant shales w/ a few dove gray qtz. clusters speckled w/ glauconite.

Lm- Lt Brown, slightly oolitic w/ a few crinoid remnants, well sorted.

Sh- Gray Brown Black, Extremely fissle shales

Lm- Tan Cream, VF-Coarse grained XLN, silicious fossils-fragmented & whole. Some moderately dense w/ micro porosity

PAWNEE 4145' (-1702) E-LOG 4147' (-1704) Sh- Red Purple Pea Green, Fissle to sticky gray lime

Lm- Off White Tan Buff Gray, VF grained cryptocrystalline to coarse XLN w/ fractured institial porosity. Buff Gray, granular VF grained.

Lm- A/A

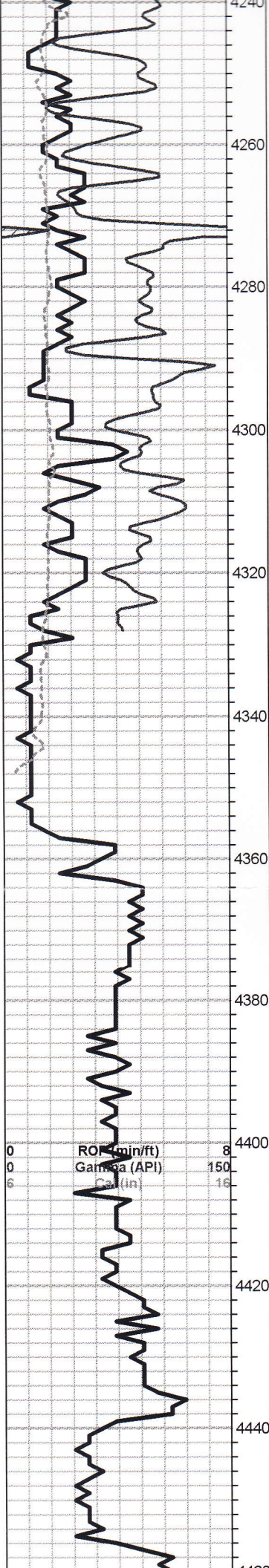
Lm/Sh- A/A, less dense, slightly better developed. More shale & lt. gray sticky lime.

Sh-Black Gray Brown Pea Green Deep Purple, abundant carbonaceous fissle shale & sticky limes

MUD CHECK:  
Wt. 9.3 Vis. 50 LCM 1.5#

MUD CHECK  
Wt. 9.4 Vis. 58 LCM 1.5#





Lm- Cream, granular, VF grained, well sorted & rounded w/ pinpoint porosity.

Ss - Salmon to clear, few Ss. speckled fused clusters, rounded

Lm- Tan Cream, Coarse XLN w/ some institial solution porosity, partialy dense NSO NO ODR

Sh- Red Gray Maroon Lime Green

Sh- A/A

Sh- A/A w/ Mint Green fissle shale & arkosic quatrz shale

Dol- Coarse crystalline sucrosic dolomite, prestine white

Dol/Chert- Cherty dolomite, prestine white, yellow, salmon

MISSISSIPPIAN 4323' (-1880) E-LOG 4340' (-1897) Chert- Yellow Salmon White Opaque

Chert- Yellow Salmon White Opaque, fresh bedded & reworked oolitic, slightly fossiliferous w/ silicious crinoid remnants

Chert- White Opaque Yellow, fresh bedded

Chert- A/A,

Sh- Red Gray Buff Gray Ss., few individual clear quartz grains, sub-rounded, few faint rose colored to clear quartz clusters

Sh- Red Gray Lime Green Dark Purple, fissle shales. Few peices of red and brown Ss., well cemented.

Sh- A/A w/ white silty lime & few chips of med to semi-coarse grained, granular dolomitic Ls.

Lm- Off White Cream, Med-Coarse grained XLN, oolitic in part w/ microcrystalline poorosity. Silicious flora remnants

Lm- A/A, more oolitic partialy dense, microcrystalline, few chips of cryptocrystalline w/ silicious fossil

Lm- Gray Tan A/A with few peices of bedded chert, few peices of Ss, well sorted VF grained cemented.

Ss- Tan to Buff Gray, well sorted, VF grained, Calcium cemented

SIMPSON SHALE 4435' (-2192) Sh- Green Gray Red Gray, Abundant fissle shales.

Dolomite- Tan VF grained, well sorted very dense w/ pinpoint porosity. Chert- Opaque White fresh bedded

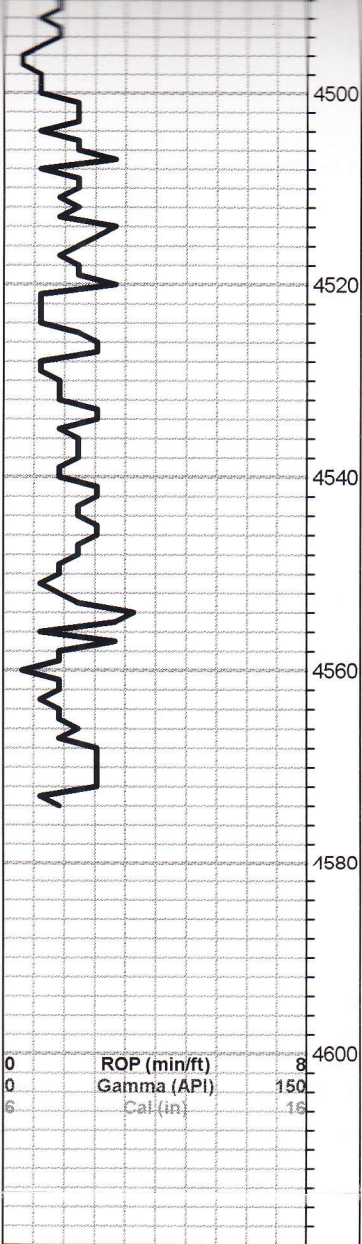
MUD CHECK  
Wt 9.4 Vis 56

LTD 4365 (-1922)  
Slope: 1.5 dgr  
Strap: 4378.44  
Board: 4374.89  
Board short 3.55

MUD CHECK  
Wt 9.3 Vis 60 LCM 6#



Sh- A/A w/ white chalky lime (sloughing from bit trip)



Dolomite- Tan Rose Off White, VF-Coarse grained, pinpoint to large vuggy porosity, few pieces of fresh bedded white & golden brown chert, golden brown w/ solution porosity & recrystallization.

Dolomite- Tan Off White Golden Brown, golden brown coarse crystalline rhombic cubes, large vugs.

Dolomite/Chert- Tan Golden Brown Rose, coarse grained, large rhombic cubes. Chert- White Golden Brown & Semi-translucent, fresh bedded, partly oolitic, cryptocrystalline.

Dolomite- Tan Off White, Coarse grained, well sorted, vuggy porosity throughout

Dolomite- A/A w/ few clean frosted quartz cluster & few individual grains, few salmon rounded well sorted friable quartz clusters.

TD @ 4574' (-2131) 9:01 AM JUNE 29, 2011 Lost ~40 bbls. circulation @ 9:01 AM, pulled 5 stands and circulated, regained circulation @ approximately 9:35 AM. Build volume, back on bottom w/ bit & circulate hole clean 1 hour. Run casing for disposal well.

LOST CIRCULATION @ 4674', ~40 bbl. PULL 5 STANDS & REGAIN CIRCULATION

REMIT TO  
RR 1 BOX 90 D  
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

509

DATE 6/23 SEC. 75	RANGE/TWP. 10 -25	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Pfo. for			WELL # 7		
			COUNTY 6H	STATE KS	

CONTRACTOR W W 6	OWNER RL			
TYPE OF JOB				
HOLE SIZE 7 7/8	T.D. 231	CEMENT		
CASING SIZE 8 5/8	DEPTH	AMOUNT ORDERED		
TUBING SIZE	DEPTH			
DRILL PIPE 4 1/2	DEPTH			
TOOL	DEPTH			
PRES. MAX	MINIMUM	COMMON 165	@ 14"	
DISPLACEMENT	SHOE JOINT	POZMIX	@	
CEMENT LEFT IN CSG.		GEL 3	@	
PERFS		CHLORIDE 5	@	
		ASC	@	
EQUIPMENT			@	
			@	
PUMP TRUCK			@	
#			@	
BULK TRUCK			@	
#			@	
BULK TRUCK			@	
#			@	
			@	
		HANDLNG 173	@ 1 1/2"	
		MILEAGE	@	
				TOTAL

REMARKS	SERVICE Surface		
Plug Down @ 3:00 PM  Circ Cement to P+	DEPT OF JOB	@	
	PUMP TRUCK CHARGE	@	950
	EXTRA FOOTAGE	@	
	MILEAGE	@	
	MANIFOLD	@	
		@	
			TOTAL

CHARGE TO: RHC	
STREET	STATE
CITY	ZIP

PLUG & FLOAT EQUIPMENT	
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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/>

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

July 01, 2014

Randall Pfeifer  
RL Investment, LLC  
217 SAINT PETER ST  
MORLAND, KS 67650-5101

Re: ACO-1  
API 15-065-23746-00-00  
PFEIFER 7  
SE/4 Sec.25-10S-25W  
Graham County, Kansas

Dear Randall Pfeifer:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 06/23/2011 and the ACO-1 was received on June 26, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department