



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
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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

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: _____



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
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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				

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> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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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Form	ACO1 - Well Completion
Operator	Rama Operating Co., Inc.
Well Name	Proffitt 5-8
Doc ID	1069343

Tops

Name	Top	Datum
Heebner	2766	-1026
Toronto	2786	-1046
Douglas	2796	-1056
Brown Lime	2893	-1153
Lansing	2923	-1183
BKC	3209	-1469
Arbuckle	3230	-1492
RTD	3320	-1580



TREATMENT REPORT

Customer Rama Oper. Co. LLC	Lease No.	Date 11-1-11
Lease Proffitt	Well # 5-8	
Field Order # 05356A	Station Pratt KS	Casing 5 1/2"
Type Job 5 1/2" L.S.	Formation CNW	Depth TD 3320'
		County Rice
		State KS
		Legal Description 8-20-9

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2"				12 BBL MUD FLUSH				
Depth 3318'	Depth	From	To	Pre Pad 100 SKS AA-2 @	Max 15.3 #		5 Min.	
Volume 80 1/2	Volume	From	To	Pad 305 SKS 60/40	Min POZ 2% Gel Plus		10 Min.	R.H.
Max Press 1000 #	Max Press	From	To	Erac 20 SKS 60/40	Avg POZ 2% Gel Plus		15 Min.	M.H.
Well Connection PC	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 3305	Packer Depth	From	To	Flush Disp H2O	Gas Volume			Total Load

Customer Representative Randy Givest	Station Manager Scotty	Treater Allen
Service Units 28443 19903 19905 19960 19918		
Driver Names Allen TJ Gibson Steve Young		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:07 AM					on Loc. Discuss Safety, Setup, Plan Job Rig Laying down Drill Collars out of Hole w/ Bit Ray down Kelly, Rig up to Run 5 1/2" csg. 14 #/p.p.t. Shoe Joint 12.94 w/ Reg Shoe, & Auto Fill INSERT IN COLLAR, cent-1-2-3-5-7
8:20					Start 5 1/2" casing.
9:45					TAG TD pick up to 3318'
11:05	200 #		12	5	Hook up & CIR well. 10' up. Pump 12 BBL MUD FLUSH
			10	5	Pump 10 BBL H2O SPACER
				5	Mix + Pump 100 SKS AA-2 rate 15.3 #
11:30			36		Finish mix, wash out pump + line
11:35				6	Drop Plug. Top Rubber 5 1/2" St. Disp.
	500 #			5 1/2	caught Lift + PSI w/ 60 BBLs out
1:50	1000 # 0 #		80 1/2	4	Plug down Release OK
			7		Plug R.H. w/ 30 SK 60/40 POZ 2% gel
			5		Plug M.H. w/ 20 SKS 60/40 POZ 2% gel
					washup + Rackup, 100 SKS
100					Job complete. Thanks Allen, Steve

QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

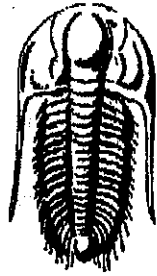
5319

Home Office 324 Simpson St., Pratt, KS 67124

Todd's Cell 620-388-5422
Office / Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	10-27-11	Sec.	9	Twp.	20	Range	9	County	RICE	State	Ks	On Location		Finish	8.00
Lease	Proctor	Well No.	5-4		Location		CHASE KS 1 E 11/2 S Winto								
Contractor	STERLING OILS #1				Owner		To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Type Job	SURFACE				Charge To		KOMA OPERATING CO. INC								
Hole Size	12 1/4		T.D.		310		Street								
Csg.	85/3		Depth		308		City								
Tbg. Size			Depth				State								
Tool			Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.			Shoe Joint		20		Cement Amount Ordered 2255x Common								
Meas Line			Displace		13.5		24 GEL 3 1/2 CL 1/4" CF.								
EQUIPMENT															
Pumptrk	8	No.	TODD		Common		225								
Bulktrk	4	No.	JER1200		Poz. Mix										
Bulktrk		No.			Gel.		4								
Pickup		No.			Calcium		8								
JOB SERVICES & REMARKS															
Rat Hole					Hulls										
Mouse Hole					Salt										
Centralizers					Flowseal										
Baskets					Kol-Seal		56								
D/V or Port Collar					Mud CLR 48										
Run 10 #1's 85/3 308'				CFL-117 or CD110 CAF 38											
				Sand											
				Handling		137									
				Mileage		25									
MIX' Pump 225" x Common													FLOAT EQUIPMENT		
2 1/2 GEL 3 1/2 CL 1/4" CF.													Guide Shoe		
SHUT DOWN Release Plug													Centralizer		
DISP 13.5 Bbbs total													Baskets		
Close Valve on csg @ 5:15													AFU Inserts		
GOOD CIRC thru JOB													Float Shoe		
CIRC OUT N PIT													Latch Down		
1 WOODEN PLUG													Pumptrk Charge		
PLEASE CALL 11/19/11													Mileage		
THANKS													Tax		
TODD MILES JER1200 / BRADY													Discount		
Signature W. J. Brady													Total Charge		



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Rama Operating Co, LLC**

101 S. Main St,
Stafford, KS 67578 + 1429

ATTN: Josh Austin

Proffitt #5-8

8-20s-9w Rice,KS

Start Date: 2011.10.30 @ 22:13:00

End Date: 2011.10.31 @ 09:36:30

Job Ticket #: 44661 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2011.11.11 @ 09:23:09

Rama Operating Co, LLC

8-20s-9w Rice,KS

Proffitt #5-8

DST # 1

Arbuckle

2011.10.30



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Rama Operating Co, LLC
101 S. Main St,
Stafford, KS 67578 + 1429
ATTN: Josh Austin

8-20s-9w Rice, KS
Proffitt #5-8
Job Ticket: 44661
DST#: 1
Test Start: 2011.10.30 @ 22:13:00

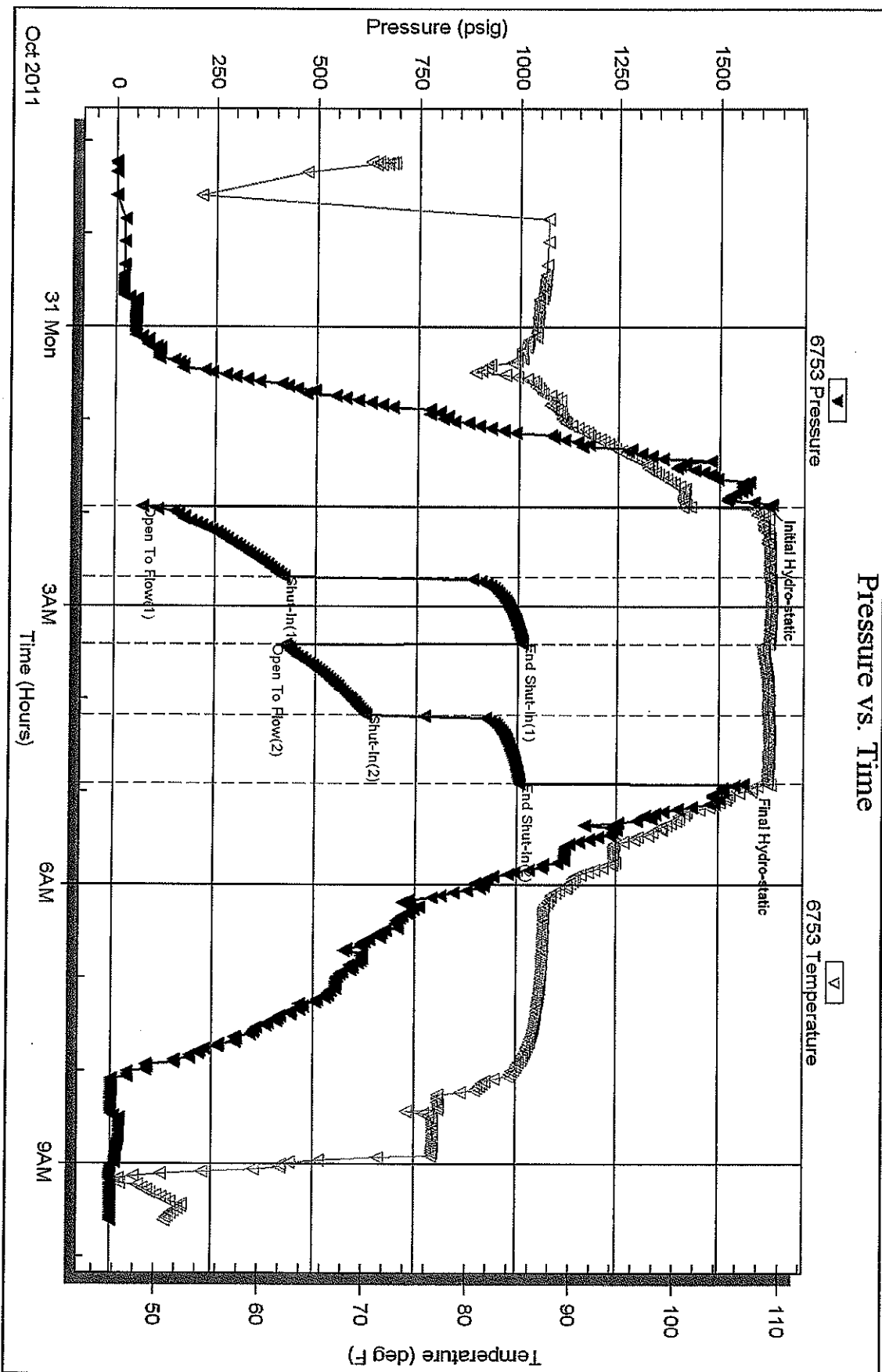
Tool Information

Drill Pipe:	Length: 2975.00 ft	Diameter: 3.80 inches	Volume: 41.73 bbl	Tool Weight: 2000.00 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: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 62000.00 lb
			Total Volume: 42.80 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3205.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3186.00	
Shut In Tool	5.00			3191.00	
Hydraulic tool	5.00			3196.00	
Packer	4.00			3200.00	20.00 Bottom Of Top Packer
Packer	5.00			3205.00	
Perforations	1.00			3206.00	
Change Over Sub	1.00			3207.00	
Drill Pipe	31.00			3238.00	
Change Over Sub	1.00			3239.00	
Recorder	0.00	8319	Inside	3239.00	
Recorder	0.00	6753	Outside	3239.00	
Bullnose	3.00			3242.00	37.00 Bottom Packers & Anchor

Total Tool Length: 57.00

Pressure vs. Time



RAMMA Operating Company, Inc.

GEOLOGICAL SUPERVISOR'S REPORT

DRILLING TIME AND SAMPLE LOG

Report for

COMPANY RAMMA Operating Company, Inc.

LEASE Proffitt # 5-8

FIELD Chase - S. Ilica

LOCATION Ne-Sou-SW-Ne (2,200 Fwk, 2,100 Fel)

SEC 8 TWP 20 S RGE 9 W

COUNTY Rice STATE Kansas

CONTRACTOR Sterling Drilling Co. (Cig #1)

SPUD 10-26-2011 COMP 10-31-2011

RTD 3320 LTD 3320

MUD UP 2600 TYPE MUD Chemical
Displaced

SAMPLES SAVED FROM 2600 TO 3320

DRILLING TIME KEPT FROM 2600 TO 3320 RTD

SAMPLES EXAMINED FROM 2600 TO 3320

GEOLOGICAL SUPERVISION FROM 2700 TO 3320

GEOLOGIST ON WELL Josh Austin

ELEVATIONS

KB 1740

DF 1729

GL 1729

Measurements Are All From KB

CASING SURFACE 8 1/2" @ 308'
PRODUCTION 5 1/2" @ 3318'

ELECTRICAL SURVEYS
By Log-Tech
CML/CDL DL MEI

FORMATION TOPS LOG SAMPLES

Heehner	2766	-1026	
Taranto	2786	-1046	
Doughs	2796	-1056	
Brown Line	2893	-1153	
Lansing	2923	-1183	
AKC	3209	-1469	
Arbuckle	3230	-1492	
RTD	3320	-1580	
LTD	3320	-1580	

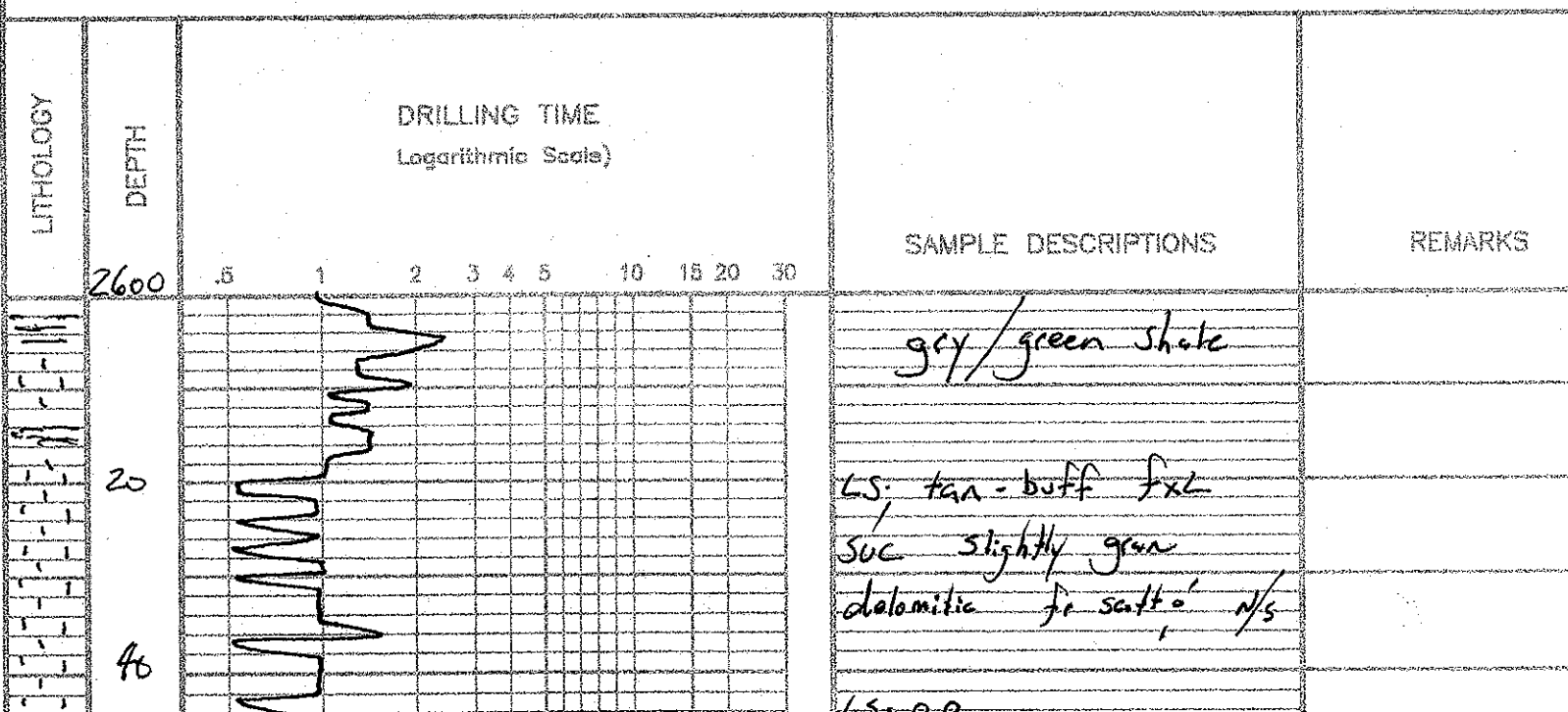
REMARKS

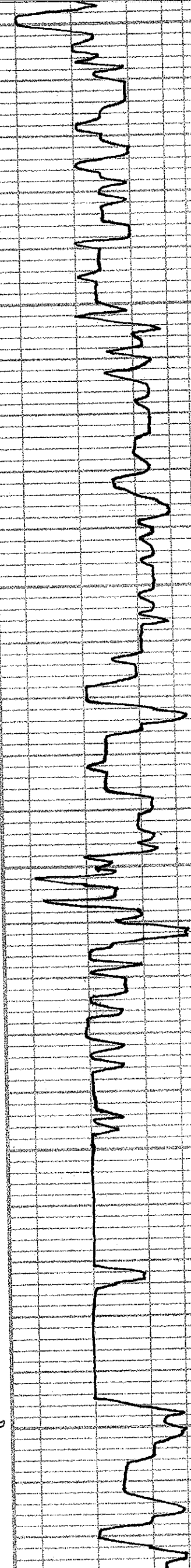
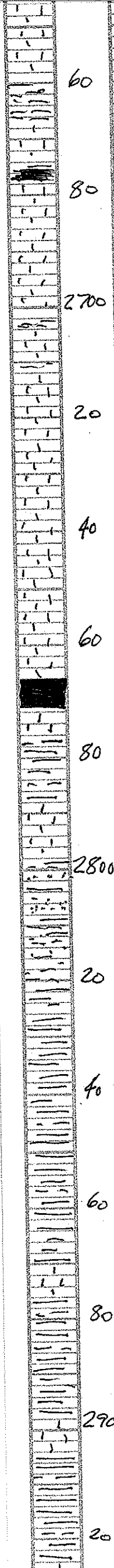
Recommendations, On the basis of the Positive Structural Position and the drill stem test 5 1/2" Casing was set and cemented at 3318' to further Test the Arbuckle zones

Respectfully Submitted
Josh Austin Petroleum Geologist

LEGEND

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





Queen Hill
2664
(-924)

Trace tan dolomite fls. suc
n/s

~ Slog blk carb shale

ls, cream-gy f-malxl foss
green fr. suc. n/s

ls, cream flx chky
Poor vis. dense with chky
Trace tan borey Δ

ls, cream-buff flx chky
Poor vis. fr ??? spotty brn str
NSFO No Odor

ls, cream-gy sl. foss dense KB 1740
Poor vis. Δ n/s

Heebner
2764
(-1024)

blk carb shale
gy - greyish green sh

Locanto
2787 (-1047)

ls, cream-tan flx chky
dense

Douglas
2797
(-1057)

Trace Sand; gy - greyish
green vfg mica friable

gy - greyish green mica
Silty shale

shale ss

Trace Sand vfg mica n/s
+ gy - greyish green sh

ls, cream flx chky

dark gy - gy shale
mica in part

Brown Line
2896
(-1156)

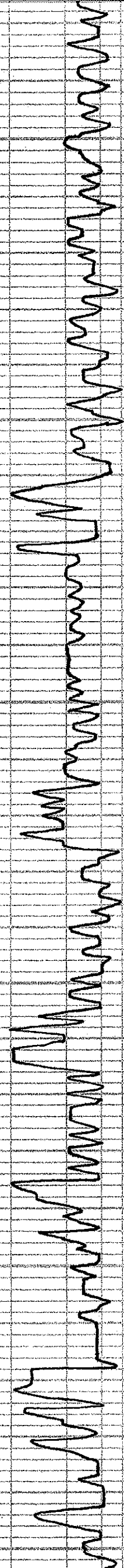
ls, tan brn flx dense Δ
Impert

ls sandy, gy vfg sub-rounded
sub & friable fr 19. n/s
+ gy - greyish green sh.

- Lansing 2922

(-1182)

40
60
80
3000
20
40
60
80
3/00
20
40
60
80
3200



LS: CRM - tan fxl Chlky
1 foot in part poorly dev'd n/s

LS: CRM - grey - buff, f-mil x L
chlky in part sl: fosi gran n/s

+ highly ool boney Δ

sl: - green shale

LS: tan - grey ool sl: gran
(case)

trans LS: CRM fxl chlky to brn str
??? to spotty to very ft odor

LS: tan - grey ool chlky in part
poor vis's

LS: CRM sub ool, ool, chlky sl:
gran in part f: ool's golden brn str
sl: sfo ft odor (36 unit gas kick)

LS: Tan - grey fxl dense
sl: chlky poorly dev'd
by n/s + grey boney fosi Δ

LS: cr to tan by LS

grey - green - blk shale

LS: CRM - tan fxl fosi in
part poor vis's n/s

LS: CRM chlky ool, ool f: -
good ool's to spotty golden brn str
to sl: spotty to no odor

LS: CRM chlky ool n/s

grey - blk shale

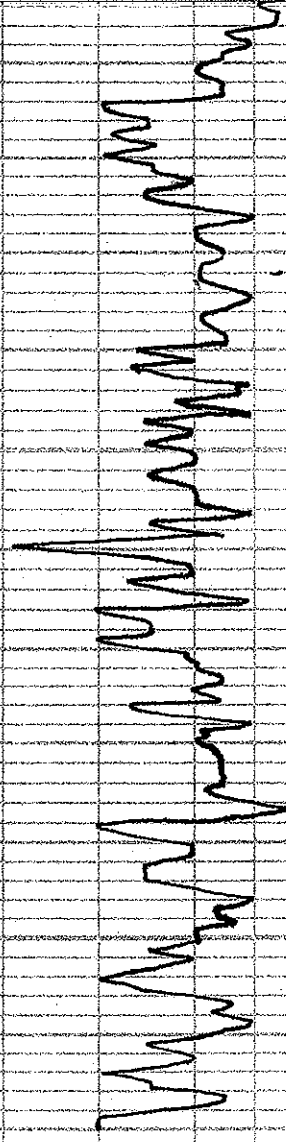
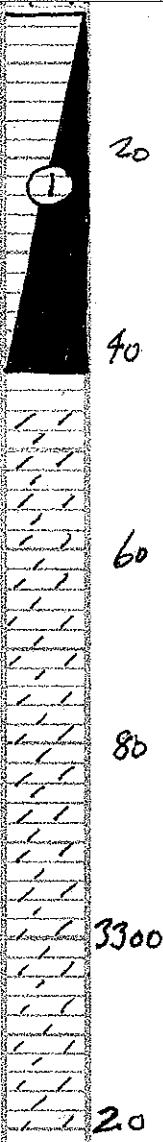
LS: CRM - lt grey fxl dense
sl: chlky 'poor vis's'

grey - blk - mic soft, sh.

LS: grey - CRM - buff fxl dense
by, poor vis's n/s
to tan - buff Δ

LS: grey - buff fxl dense

DST #1 3205-32
45-45-45-45



Base Kansas
City 3214
(-1474)

Arbuckle
3232 (-1492)

30 unit kick

60 unit kick

50 unit kick

30 unit increase

Rotary Total Depth
3320 (-1580)

Poor vis. 4y

gry-mar - greyish green shale

dolomite: crm-tan fxl
See in part few xls
brn str SFO fractor

dol: crm-tan few malx xls
spotty brn str, spotty SFO, fractor

dol: crm f-mal xl poorly dev
glau in part dense to Fo pt. ab.

dol: crm-wh f-mal xl few xls
to golden brn str N SFO No oil
+ wh &

dol: wh-crm f-mal xl poorly
dev. ??? to golden brn str N SFO
+ wh trans honey A

dol: tan-crm fxl dense few xls
4y N's + wh honey A

Blow: Strong BOB in

Surface blowback

Fract Strong BOB in S

Surface blow back

Recovery 248' G11

310 C0

496' GHOC

(30% gas 30% oil 30% water 10%)

372' GHOC

(30% gas 40% oil 30% water)

310' G11

(70% gas 70% water 2)

Pressure ISIP 1010

FSIP 1005

IFP 68-220

FFP 427-60

HSH 1619

-1561

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

December 06, 2011

Robin L. Austin
Rama Operating Co., Inc.
101 S MAIN ST
STAFFORD, KS 67578-1429

Re: ACO1
API 15-159-22665-00-00
Proffitt 5-8
NE/4 Sec.08-20S-09W
Rice 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,
Robin L. Austin