Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1150793

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 #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
G OG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No
	If yes, show depth set: Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from:
Operator:	
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	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:

	Page Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 (Attach Additional She	eets)	Yes No		Log Formation	on (Top), Depth ar	nd Datum	Sample
Samples Sent to Geolog	ical Survey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-o		New Used ntermediate, product	tion, etc.		
Purpose of String	Purpose of String Size Hole Drilled		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SO	QUEEZE RECORD)		
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							

Yes

No

No

No

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

(If No, skip questions 2 and 3) (If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION Specify For		RD - Bridge P Each Interval		e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed	Producti	on, SWD or ENHF	} .	Producing N	lethod:	oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas Mcf Wate		ər	Bbls.	Gas-Oil Ratio	Gravity	
									Γ	
DISPOSITI	ON OF G	AS:	_		METHOD		TION:		PRODUCTION IN	TERVAL:
Vented Sold Used on Lease				Open Hole	Perf.		Comp.	Commingled		
(If vented, Su	bmit ACC	-18.)		Other (Specify)		(Submit)	,	(Submit ACO-4)		

BASIC energy services, L.R.

TREATMENT REPORT

Customer			Date	
Lease I	VJ COMPUNY I N Well #			5-214-112
Field Order # Station P	Watt Francis	Casing ' Deptr	356Feet	Rice Ransas
Type Job / ////- <	ratt transas	Formation	<u>SODLeat</u>	Legal Description 30-195-10W
	PERFORATING	JA - (SECOLD USED	TREA	TMENT RESUME
Casing Size	Shots/Ft 270	5a CHS 60/40 Poz	with BATE BRE	SS ISIP
Depth 356Feet Depth	From To 32	CalleiunChloride.		ellfblte
Volume 22.8 Bbl. Volume		816.1 Gal. 5.18 Gal.1	Min	r/sh. 10 Min.
Max Press 350 1.5.1 Max Press	From To	2897200	Avg	15 Min.
Well Connection Annulus Vol.	From To		HHP Used	Annulus Pressure
Plug Depth Packer Depth	From To	Flush 21.7 Bbl. Free	Gas yolding y	Total Load
Customer Representative Role	sin Austin st	ation Manager Feun Gor	dey Freater	nce R. Messich
	686 19905 19	907 73,768	· · · · · · · · · · · · · · · · · · ·	
Names Messich Casing Ti	Mc Graw	Tremin		
Time / // Pressure Pre	ubing essure Bbls. Pumped	Rate	Serv	ice Log
1:00		Truction location		
	Drilling start to 1	Un 8 Jointsnew 2311		
4:17		1		ate for 5 minutes
4:30.	A		Fresh Water Pl	
	10			actors 60/40 Poz cement.
- 0- 1 ⁴	6.8			vell. Release Wood on Plug
		5 Start		1
4:50		Plug d	Tesh Water Dis	place Ment.
1.50				
•		Shutin		- · · · · · · · · · · · · · · · · · · ·
	· .	Citcula Wrigh	UP DUMP + YUC	ement to the pit.
5:30		-Tabe	omplete	u
		Thank	U	
		Clarer		1
	an geologie State - State - State - State State - State			n an
a an an an an Arran ann an Arran an Arrainn Ann an Arrainn an Arrainn an Arrainn Ann an Arrainn an Arrainn				e € 1000 e de la constante de
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10244 NE Hiway	61 • P.O. Box 861	3 • Pratt, KS 67124-861	3 • (620) 672-120	01 • Fax (620) 672-5383

Taylor Printing, Inc. 620-672-3656

TDD

		57						ala ang sang sang sang sang sang sang sang	TREA	TMENT REPORT	
Fer G	<u> </u>	rvic		P. Lease No.			T	Date			
Pase K in	ama 0	Perati	ng	Well # 6				7-	- 4- 1	13	
Field Order #	Station	Prot		<u> </u>	20 Casing 5	フィム Depth	n	County 📈		State KS	
8321	s NW	Pratt 5/2 LS	<	· · · · · · · · · · · · · · · · · · ·		Formation		<u> </u>	ICC Legal D	Description 30-19-10	
	E DATA		· .	NG DATA	FLUID (TRE	-	RESUME	
Casing Size				<u> </u>	Acid		F		IESS	ISIP	
Depth	Depth	From		То	Pre Pad		Мах			5 Min.	
Volume	Volume	From	· · ·	То	Pad		Min		<u> </u>	10 Min.	
Max Press	Max Press			То	Frac		Avg		a the second	15 Min.	
Well Connectio	on Annulus Vo	· · ·		To	1	, , , , , , , , , , , , , , , , , , ,	HHP Used		·	Annulus Pressure	
Plug Depth	Packer Der			То	Flush	· · ·	Gas Volum	ie		Total Load	
Customer Rep	resentative	Randy			Manager Kei		·	Treater	JOE		
Service Units	27463		7095			28443					
Driver Names	Mi/se		<u></u>	<u>BRON/</u>		502			<u> </u>		
Time	Casing Pressure	Tubing Pressure	Bbls. F	Pumped	Rate	<u> </u>			rvice Log		
1730	· · ·					OnLoc			Meet	ing	
	·	<u></u>				Pulling	1 0		oll gr	5	
2045						STArt		ring	CSG		
· · · · · · · · · · · · · · · · · · ·						Bunnin			14# cs		
					· · ·	Turbo's on TOPOFJT 2-4-6-8					
2215		2000 2000	<u> </u>	••	· · ·	Basiseton JT 1 Caseing on Bottom/ Breals circ. with					
4-13		<u> </u>	· · ·	·		Rila R	<u>h ori</u>	DUIDE	11 +1 -	919 CIFE WIIN	
2245	100		5		5.5	Hans	SPacel	~	· · · ·		
	10-		12			mund	FLYSH				
*			5		<u>.</u> 		spacer				
	100		- 32		5.5	Mix 10	25 <u>5K</u>	AA20	cemer,	nt 15 ⁷⁷	
					Ø	Shut L	Oown ,	/ wash	Pump	Lines	
2310			1	5	Ø		se PLU	14-			
· · · · · ·	300		60)	55	LIFT F	PSF				
·	400		73	· · ·	4		Rate	· ·			
2330	1500*		83		0	PL49	Down	· · · · · · · · · · · · · · · · · · ·			
	· · ·			<u> </u>	· · · · · · · ·		~ 614	<u> </u>			
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1004				NY 9612	Drott KS	7124.961	12 . (620	1672-11	201 • Fa	ix (620) 672-5383	

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Taylor Printing, Inc. 620-672-3656

OPER	ATOR
------	------

Company: RAMA Operating Co., Inc. Address: 101 S. Main St. Stafford, Kansas 67578

Contact Geologist: Contact Phone Nbr: Well Name: Location: Pool: State:

TD Date:

Rig Release:

7/4/2013

620-234-5191 Knop #6-30 8 5/8" @ 357' Kansas, Rice County

API: 15-159-22743-00-00 Field: Chase-Silica Country: USA

5:50 PM

Time:

Time:

Joshua R. Austin Petroleum Geologist report for RAMA Operating CO., Inc											
	Scale 1:240 Im	perial									
Well Name: Surface Location: Bottom Location: API: License Number:	Knop #6-30 8 5/8" @ 357' 15-159-22743-00-00										
Spud Date:	6/28/2013	Time:	6:30 PM								
Region: Drilling Completed: Surface Coordinates: Bottom Hole Coordinates:	30-19s-10w 7/4/2013 1,810' From South Line &	Time: 990' From West Line	5:50 PM								
Ground Elevation: K.B. Elevation: Logged Interval: Total Depth: Formation: Drilling Fluid Type:	1764.00ft 1777.00ft 2800.00ft 3650.00ft Arbuckle Chemical Mud was displa	To: ced at 2584'	3650.00ft								
	SURFACE CO-OR	DINATES									
Well Type: Longitude: N/S Co-ord: E/W Co-ord:	Vertical 1,810' From South Line 990' From West Line	Latitude:									
	LOGGED E	SY									
Company: Address:	Joshua R. Austin, Petrole 732 NE 110th Ave Stafford, KS 67578	um Geologist									
Phone Nbr: Logged By:	620-546-3960 Geologist	Name:	Josh Austin								
	CONTRACT	OR									
Contractor: Rig #: Rig Type:	Sterling Drilling 5 mud rotary										
Spud Date:	6/28/2013	Time:	6:30 PM								

-

ELEVATIONS

K.B. Elevation: 1777.00ft K.B. to Ground: 13.00ft Ground Elevation: 1764.00ft

NOTES

On the basis of the positive structural position, drill stem test and after reviewing the electric logs, it was recommended by all parties involved that the Knop 6-30 set and cement 5 1/2" production casing at 3424' KB to test the Arbuckle and Lansing zones with intentions of a SWD before plugging.

		DA				rat	inc		0	In		
		W	vel		mpe	rat bari	so	n s	o., she	et	. ق	
		DRILLING	WELL			COMPARIS	SON WELL			COMPARI	SON WELL	•
		Knop	6-30			Knor	3			Knop	5-30	
							Struct	nral			Struct	ural
	1777	KB			1775	KB				1772 KB Relati		
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea		Log	Log	Sub-Sea		Log
Heebner	2873	-1096	2869	-1092	2858	-1083	-13	-9	2864	-1092	-4	0
Toronto	2888	-1111	2891	-1114	2881	-1106	-5	-8	2885	-1113	2	-1
Douglas	2904	-1127	2900	-1123	2892	-1117	-10	-6	2896	-1124	-3	1
Brown Lime	2993	-1216	2991	-1214	2981	-1206	-10	-8	2984	-1212	-4	-2
Lansing	3017	-1240	3019	-1242	3009	-1234	-6	-8	3013	-1241	1	-1
Base KC	3256	-1479	3248	-1471	3239	-1464	-15	-7	3244	-1472	-7	1
Arbuckle	3285	-1508	3282	-1505	3270	-1495	-13	-10	3275	-1503	-5	-2
Total Depth	3650	-1873	3649	-1872	3285	-1510	8		3283	-1511	8	



DIAMOND TESTING P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313 DRILL-STEM TEST TICKET FILE: KNP6-30DST1

TIME ON: 2215 (7/1)

TIME OFF: 0530 (7/2)

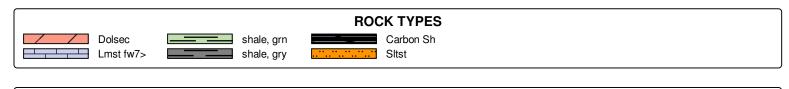
Company RAMA OPERATING							Lease & Well No.	Lease & Well No, KNOP #6-30							
Contractor ST	TERLIN	IG RIG	G 5					Charge to RAMA OPERATING							
Elevation	1775		Forma	ition		LANSIN				t. Ticket	No.	M518			
Date 7/1/.	2013	Sec.	30	Twp.				10 W Cour	nty	RICE	State	KANS	SAS		
Test Approved	By JOSH	H AUST	TIN				Diamond Representa	ative	MIK	E COC	HRAN				
Formation Te:	st No.				ested from		3095 ft. to	3110 _{ft.}	Total De	epth		3110	ft.		
Packer Depth			3090 ft.	Size	6 3/4	in.	Packer depth			. Size	6 3/4	in.			
Packer Depth			3095 ft.	Size	6 3/4	in.	Packer depth			. Size	6 3/4	in.			
Depth of Sele	ctive Zor	ne Set_		_		-									
Top Recorder	Depth (Inside)				3077 ft.	Recorder Number		0063 Ca	ар	6,00	00 P.S.I			
Bottom Recor	der Dep	th (Outs	side)			3107 _{ft.}	Recorder Number		6884 C	ар	6,2	75 P.S.	I.		
Below Straddl	e Recon	der Dep	oth			ft.	Recorder Number		Ca	ар		P.S.I	I.		
Mud Type	CH	HEM	Viscosit	ty	48		Drill Collar Length		331 ft.	I.D	2 1	/4	_in.		
Weight	9.	.1	Water Loss		8.8		cc. Weight Pipe Lengt	h	O _{ft.}	I.D	2 7	/8	im		
Chlorides					1,800	P.P.M.	Drill Pipe Length _		2739 ft.	I.D	3 1	/2	ini		
Jars: Make	STERI	LING	Serial Nu	mber	N	I/A	Test Tool Length		25 _{ft.}	Tool Siz	e_ 3 1	/2-IF	ini		
Did Well Flow	?	N	DRev	ersed O	ut	NO	Anchor Length		15 _{ft.}	Size	4 1	/2-FH	_ irr		
Main Hole Siz	e 77	7/8	Too	I Joint Si	ze 4 1	2 XH i	n. Surface Choke Siz	ie1	in,	Bottom	Choke Si	ize 5/8	in		

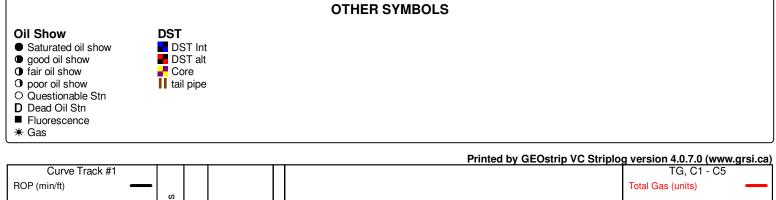
Blow: 1st Open: WSB, INC. TO 3" 2nd Open: WSB, INC. TO 11/2"					(NO BB) (NO BB)					
Recovered 3	ft. of TOTAL FLU	ID								
Recovered	_ft. of						KND*42-33			
Recovered	ft. of									
Recovered	_ft. of					7	1-1.			
Recovered	_ft. of					_1_ /	171/73/~~			
Remarks:										
TOOL SAMPLE: 19	6 GAS, 1% OIL,2%	WTR, 96% MU	0			,,,				
Time Set Packer(s)_	12:45 A.M.	A.M. P.M. Time S	Started Off Botto		3:15 A.M.	A.M. P.M. Maximur	m Temperature 109			
Initial Hydrostatic Pre	ssure			. (A)_		1484 P.S.I.				
Initial Flow Period		Minutes	30	_(B)_		8 P.S.I. to (C)	19 _{P.S.I.}			
Initial Closed In Perio	d	Minutes	45	_(D)		580 P.S.I.				
Final Flow Period		Minutes	30	_(E)_		22 P.S.I. to (F)_	29 _{P.S.I.}			
Final Closed In Perio	d	Minutes	45	(G)		569 P.S.I.				
Final Hydrostatic Pre	ssure			(H)_		1485 P.S.I.				

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

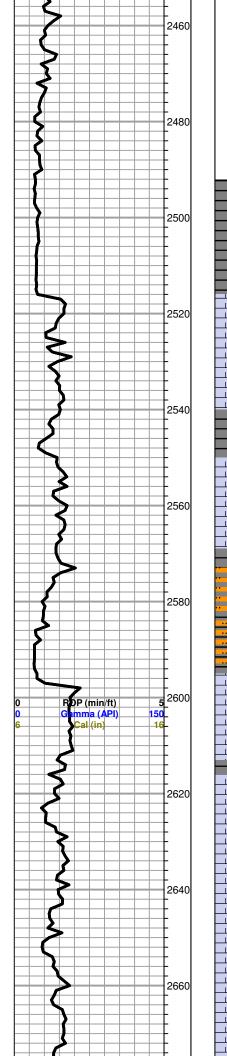
	-X	- J	R'		но	P.O	ND TESTING Box 157 N, KANSAS 67544 542-7313		TIME ON: TIME OFF			_
	X	Ŵ	7			ILL-STE	M TEST TICKET 3-30DST2		TIME OFF			_
Company R	AMA O	PERA	TING				Lease & Well No.	KNOP #6-3	0			
Contractor S	TERLIN	G RIG	5				Charge to RAMA	OPERATIN	G			
Elevation	1775	KB	Forma	ation		ARBUCK	LE Effective Pay		F	t. Ticket M	No. M	519
Date 7/2	/2013	Sec.	30	Twp.			Range	10 W Co		RICE		ANSAS
Test Approved							Diamond Representa			E COCH		
Formation Te	st No.	2	Ir	nterval Te	ested from		3253 ft. to	3298	t. Total De	oth	3	3298 ft.
Packer Depth			3248 ft.		6 3/4	in.	Packer depth				6 3/4	in.
Packer Depth			3253 ft.		6 3/4	in.	Packer depth		NAft		6 3/4	_ in
Depth of Sele				040			i dener dopin			040		
Top Recorde						3235 ft.	Recorder Number		0063 Ca	p.	6,000	P.S.I.
Bottom Reco			de)			3295 _{ft.}	Recorder Number		6884 Ca	ip	6,275	P.S.I.
Below Stradd	le Record	ler Dept	h			ft.	Recorder Number		Ca	p		P.S.I.
Mud Type	CH	EM	Viscosi	ty	50		Drill Collar Length		331 ft.	I.D	2 1/4	in.
Weight	9.1	l w	ater Loss	8	8.8	c	c. Weight Pipe Lengt	th	0 _{ft.}	I.D.	2 7/8	in
Chlorides					4,000	P.P.M.	Drill Pipe Length		2897 ft.	I.D.	3 1/2	in
Jars: Make	STERL	ING	Serial Nu	mber	N	A	_ Test Tool Length_		25 _{ft.}	Tool Size	3 1/2-1	IF ini
Did Well Flow	R	NO	Rev	versed Ou	ut	NO	Anchor Length		45 ft.	Size	4 1/2-1	FH im
Main Hole Siz		8		Joint Si		2 XH in	(32'DP) Surface Choke Siz	te1	in.	Bottom C	Choke Size	5/8 in
Blow: 1st Op	en:SSB	, BOI	B 1 MI	N			(9" BB IN 1	16 MIN)	1			
	en: SSB						(3" BB)					
Recovered	700 ft	t, of GIF	>									
Bacquarad	1469	GH	OCMW 4	1% GAS	33% OIL.	53% WT	R, 10% MUD					

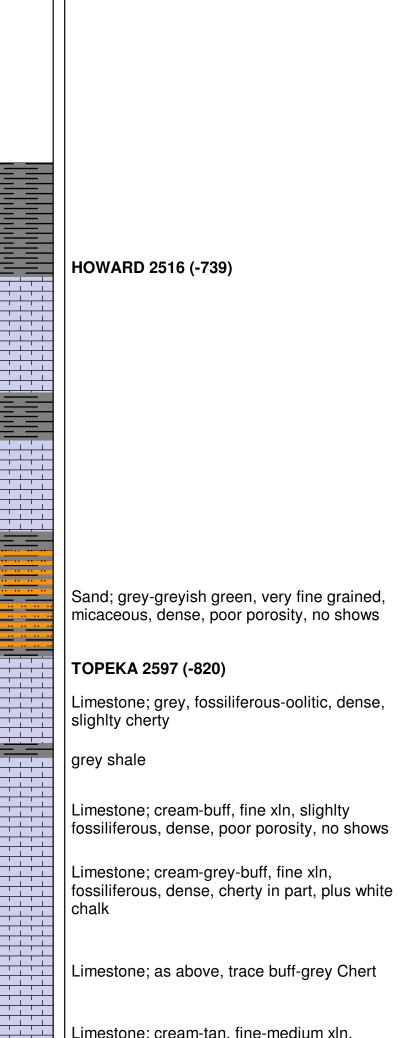
Recovered 933 ft. of GMW 29	6 GAS, 90% WTR, 8	3% MUD W/ A TH	IIN SCUM OF OIL	and the second second	KHOP 48-33
Recovered 2402 ft. of TOTAL F	LUID				
Recoveredft. of					
Recovered ft. of RW: .45	@ 69 DEG				
Remarks: CHLOR	: 15,000 PPM	PH:7.0		<u> </u>	
TOOL SAMPLE: 2% GAS, 96% WT	-	N SCUM OF OIL			
Time Set Packer(s) 7:15 P.M	A.M. P.M. Time Sta	rted Off Bottom	9:45 P.M. P.M.	Maximum Te	mperature 120
nitial Hydrostatic Pressure		(A)	1578 p	.S.I.	
nitial Flow Period	Minutes	30 _(B)	159 _P	.S.I. to (C)	882 P.S.I.
nitial Closed In Period	Minutes	45 (D)	1021 _P		
inal Flow Period	Minutes	30 (E)	879 _P	.S.I. to (F)	1018 P.S.I.
Final Closed In Period		45 (G)	1020 _P	S.I.	
Final Hydrostatic Pressure		(H)	1567 _P	SI	

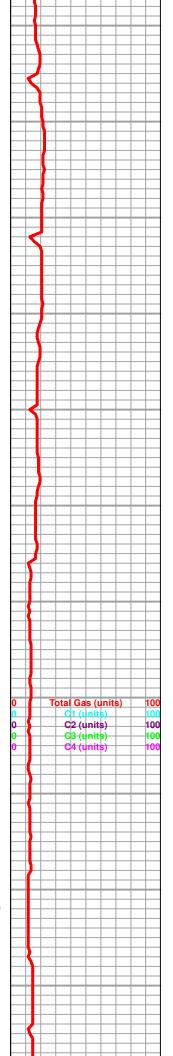


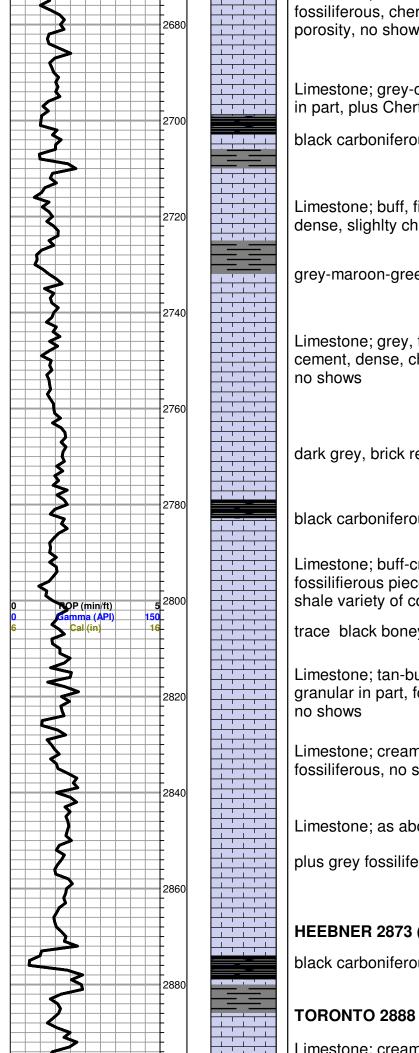


ROP (min/ft) Gamma (API) Cal (in)	Depth Intervals LSD	Lithology Oil Show		Total Gas (units) C1 (units) C2 (units) C3 (units)
1:240 Imperial	A Cored Interval De DST Interval -	<u>o</u>	Geological Descriptions	C4 (units)
0 Gamma (API) 150 6 Cal (in) 16				0 Total Gas (units) 100 0 C1 (units) 100 0 C2 (units) 100 0 C3 (units) 100 0 C3 (units) 100 0 C4 (units) 100 0
- E				









fossiliferous, cherty in part, few scattered porosity, no shows

Limestone; grey-cream, fossiliferous, chalky in part, plus Chert; grey fossiliferous, boney

black carboniferous shale

Limestone; buff, fine xln, fossiliferous-oolitic, dense, slighlty cherty

grey-maroon-green shale

Limestone; grey, fossiliferous, sparry calcite cement, dense, cherty, poor visible porosity,

dark grey, brick red shale

black carboniferous shale

Limestone; buff-cream, fine xln, few fossilifierous pieces, cherty in part, abunbant shale variety of colors

trace black boney Chert

Limestone; tan-buff, fine-medium xln, granular in part, fossiliferous-oolitic, dense,

Limestone; cream, fine xln, chalky, fossiliferous, no shows, plus white chalk

Limestone; as above

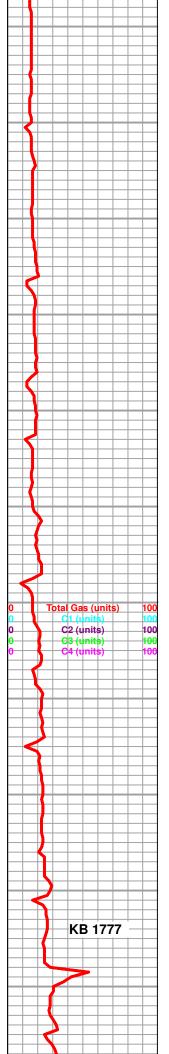
plus grey fossiliferous, boney Chert

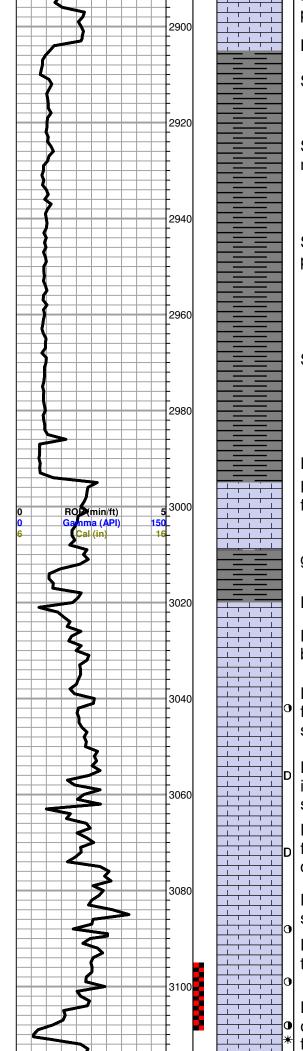
HEEBNER 2873 (-1096)

black carboniferous shale

TORONTO 2888 (-1111)

Limestone: cream-white, chalky, few pinpoint





porosity, trace black "dead oil" stain, NSFO

DOUGLAS 2904 (-1127)

Shale; grey-green, micaceous in part, soft

Shale; grey-green, maroon, silty in part, micaceous

Shale; grey-greyish green, silty, micaceous in part, trace siltstone, no shows

Shale; grey, silty micaceous, soft

BROWN LIME 2993 (-1216)

Limestone; tan-brown, fine xln, dense, fossiliferous in part, cherty

grey-greyish green-marron shale

LANSING 3017 (-1240)

Limestone; cream, fine xIn, dense, dark brown staining, NSFO, no odor

Limestone; tan-grey, fine-medium xln, fossiliferous, chalky in part, brown stain, trace spotty free oil, very faint odor

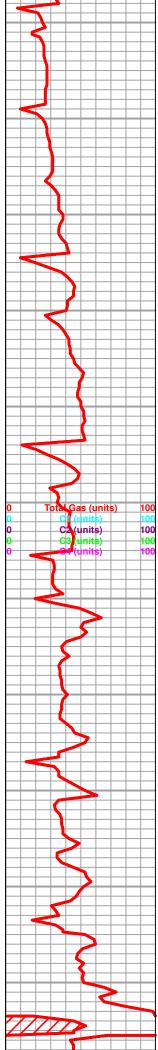
Limestone; cream-white, fine xln, fossiliferous in part, dense, chalky, trace black-dark brown stain, NSFO, no odor

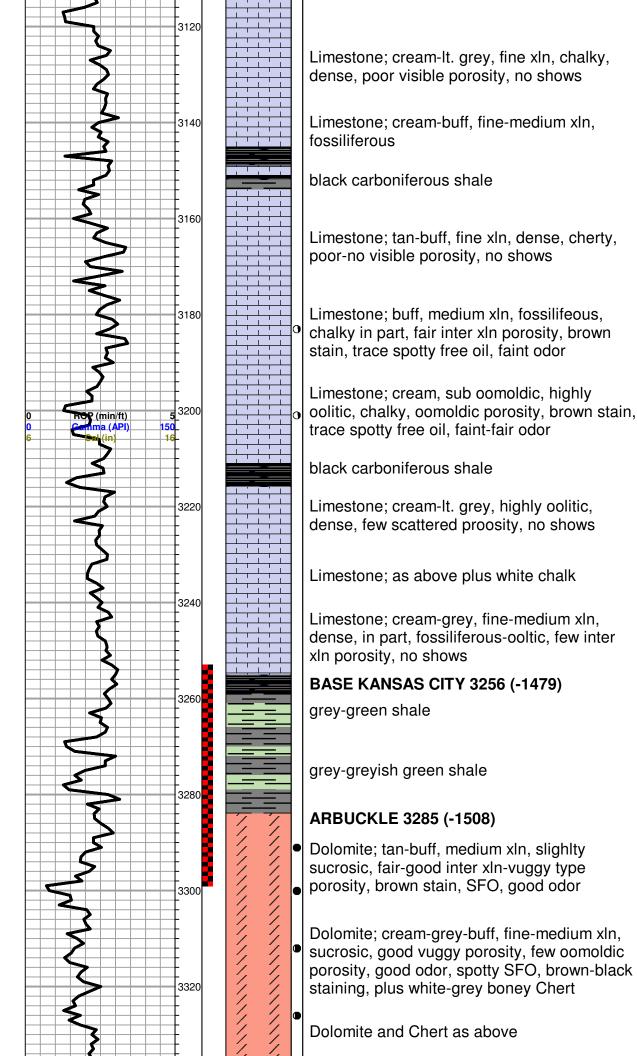
Limestone; cream-lt. grey, fine xln, fossiliferous-oolitic, trace black stain, poorly developed porosity

Limestone; cream, highly oolitic, few scattered porosity, no shows

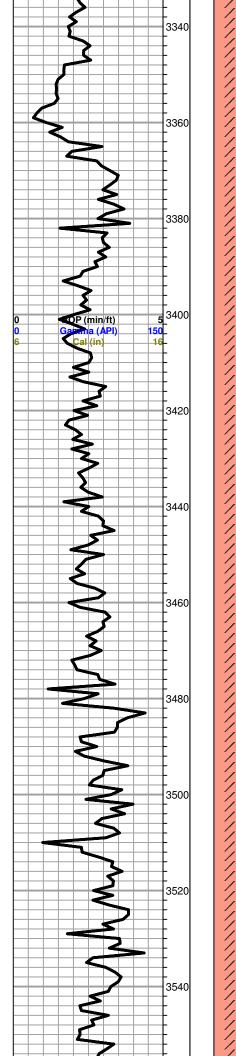
Limestone; grey, fine xln, dense, brown stain, trace spotty free oil, good odor when broke

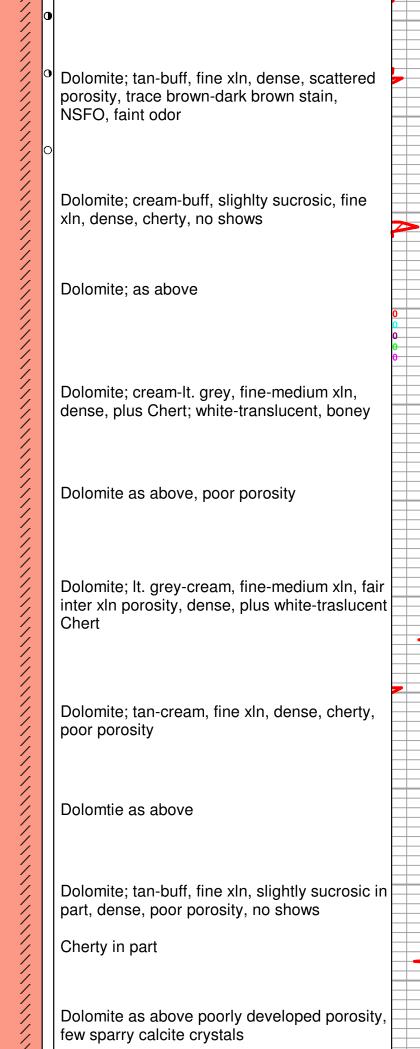
Limestone; grey, oomoldic, oolitic, fair-good oomoldic porosity, brown-grey stain, trace free oil, fair-good odor, trace gas bubbles



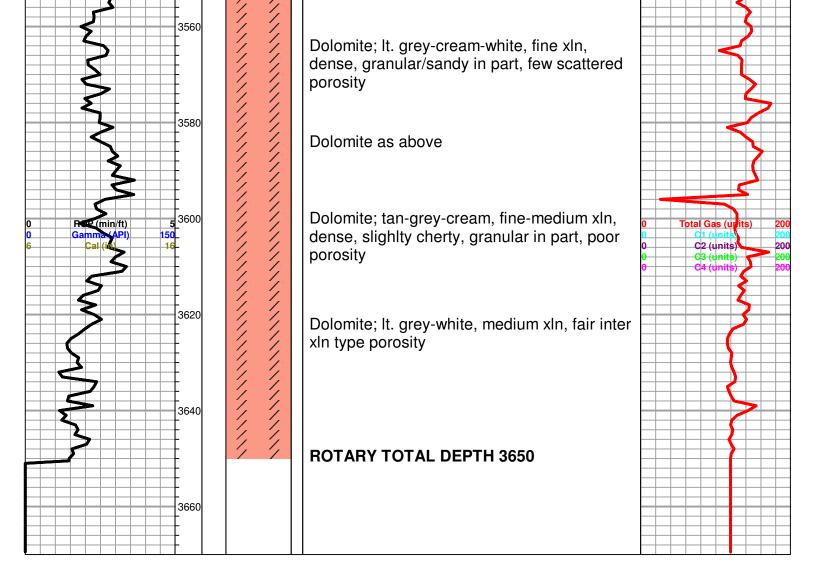












Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



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

September 27, 2013

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

Re: ACO1 API 15-159-22743-00-00 Knop 6-30 SW/4 Sec.30-19S-10W 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