



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1085475  
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: \_\_\_\_\_

1085475

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
--	---

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> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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**OPERATOR**

Company: RAMA Operating CO., Inc.  
 Address: 101 S. Main St.  
 Stafford, KS 67578

Contact Geologist:  
 Contact Phone Nbr: 620-234-5191  
 Well Name: PROFFITT #6-8  
 Location: 8 5/8" @ 348'  
 Pool:  
 State: Kansas, Rice County

API: 15-159-22691-00-00  
 Field: Chase-Silica  
 Country: USA



# Joshua R. Austin

## Petroleum Geologist

report for

## RAMA Operating CO., Inc



Scale 1:240 Imperial

Well Name: PROFFITT #6-8  
 Surface Location: 8 5/8" @ 348'  
 Bottom Location:  
 API: 15-159-22691-00-00  
 License Number:  
 Spud Date: 6/9/2012 Time: 3:50 PM  
 Region: NW-NE-SW-NE 8-20s-9w  
 Drilling Completed: 6/15/2012 Time: 8:50 AM  
 Surface Coordinates: 1412' From North Line & 1900' From East Line  
 Bottom Hole Coordinates:  
 Ground Elevation: 1724.00ft  
 K.B. Elevation: 1733.00ft  
 Logged Interval: 2450.00ft To: 3320.00ft  
 Total Depth: 3320.00ft  
 Formation: Arbuckle  
 Drilling Fluid Type: Chemical Mud displaced at 2500'

**SURFACE CO-ORDINATES**

Well Type: Vertical  
 Longitude: Latitude:  
 N/S Co-ord: 1412' From North Line  
 E/W Co-ord: 1900' From East Line

**LOGGED BY**

Company:  
 Address: 732 NE 110th Ave  
 Stafford, KS 67578  
 Phone Nbr: 620-546-3960  
 Logged By: Geologist Name: Josh Austin

**CONTRACTOR**

Contractor: Sterling Drilling  
 Rig #: 4  
 Rig Type:  
 Spud Date: 6/9/2012 Time: 3:50 PM  
 TD Date: 6/15/2012 Time: 8:50 AM  
 Rig Release: Time:

**ELEVATIONS**

K.B. Elevation: 1733.00ft  
K.B. to Ground: 9.00ft

Ground Elevation: 1724.00ft

**NOTES**

# RAMA Operating Co., Inc. well comparison sheet

DRILLING WELL					COMPARISON WELL				COMPARISON WELL			
Proffitt 6-8					Proffitt, Bess 3				Proffitt 5-8			
1733 KB					1727 KB		Structural Relationship		1740 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	2764	-1031	2762	-1029	2759	-1032	1	3	2766	-1026	-5	-3
Toronto	2784	-1051	2783	-1050	2781	-1054	3	4	2786	-1046	-5	-4
Douglas	2793	-1060	2792	-1059	2789	-1062	2	3	2796	-1056	-4	-3
Brown Lime	2893	-1160	2890	-1157	2889	-1162	2	5	2893	-1153	-7	-4
Lansing	2923	-1190	2920	-1187	2920	-1193	3	6	2923	-1183	-7	-4
Base KC	3209	-1476	3207	-1474	3187	-1460	-16	-14	3209	-1469	-7	-5
Arbuckle	3235	-1502	3235	-1502	3249	-1522	20	20	3230	-1490	-12	-12
Total Depth	3320	-1587	3319	-1586	3263	-1536			3320	-1580		



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: proffitt6-8dst1

TIME ON: 6-13 21:05:00  
TIME OFF: 6-14 05:28:00

Company RAMA Operating Co. Inc. Lease & Well No. Proffitt #6-8  
Contractor Sterling Rig #4 Charge to RAMA Operating Co. Inc  
Elevation 1733 KB Formation Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. S0166  
Date 6-14-12 Sec. 8 Twp. 20 S Range \_\_\_\_\_ W County Rice State KANSAS  
Test Approved By Josh Austin Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3243 ft. to 3256 ft. Total Depth 3256 ft.  
Packer Depth 3238 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3243 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3231 ft. Recorder Number 30035 Cap. 10,000 P.S.I.  
Bottom Recorder Depth (Outside) 3253 ft. Recorder Number 3851 Cap. 5,700 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 53 Drill Collar Length 211 ft. I.D. 2 1/4 in.  
Weight 9.1 Water Loss 11.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 6,000 P.P.M. Drill Pipe Length 3006 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 13 ft. Size 4 1/2-FH in.



Blow: 1st Open: 1/2" Blow- Built to 6 1/2" in 45 min NOBB  
 2nd Open: No Blow- Built to 4 1/4" in 45 min NOBB

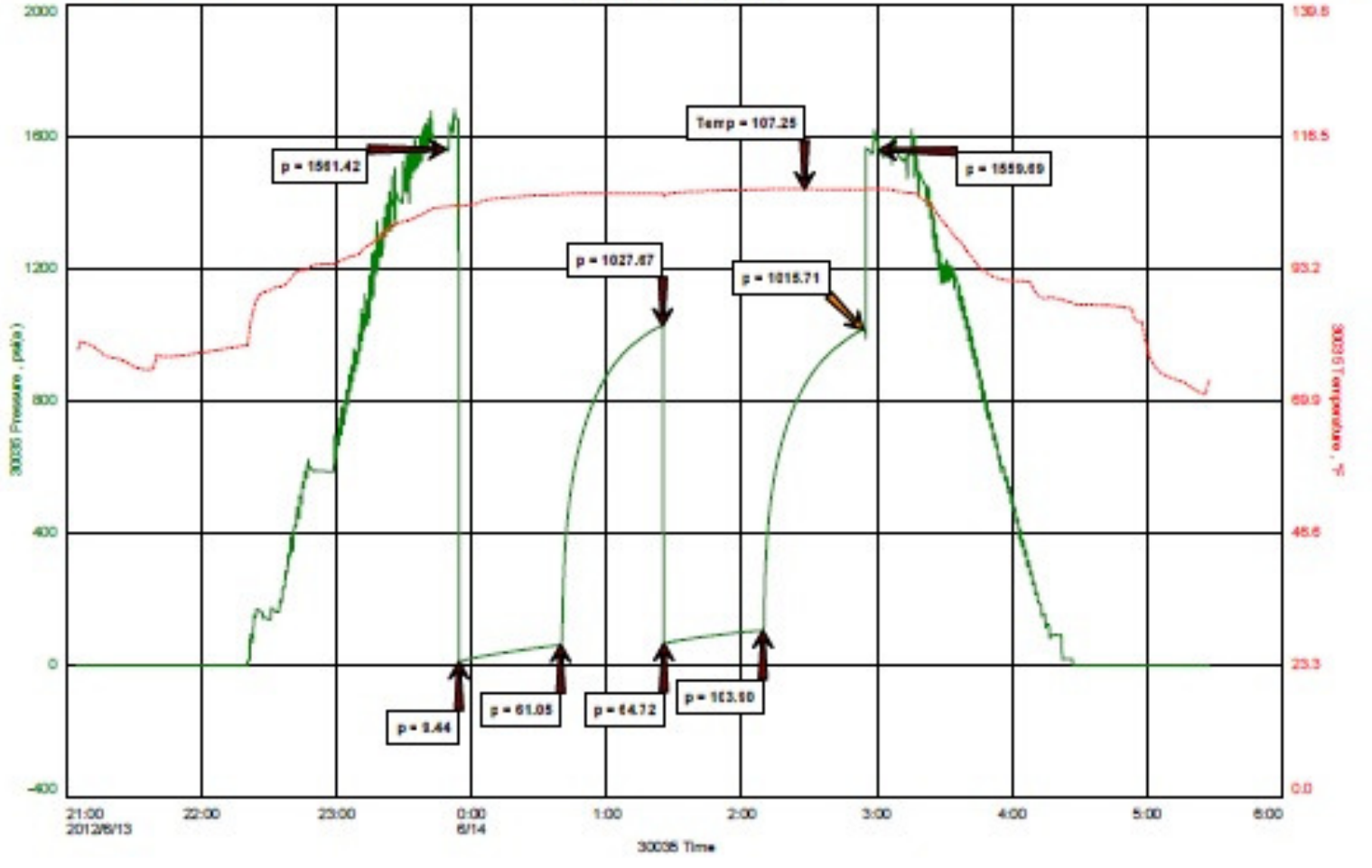
Recovered	5 ft. of	CO 100% Oil	GRAVITY: 42 @ 60 degrees F
Recovered	221 ft. of	Mud Cut Water	82% WTR 18% MUD
Recovered	226 ft. of	TOTAL FLUID	
Recovered	ft. of	Ph: 7	
Recovered	ft. of	RW: .55 @ 68 degrees F	Price Job
Recovered	ft. of	Chlorides: 16,000 ppm	Other Charges
Remarks:			Insurance
TOOL SAMPLE: 100% WTR			Total

Time Set Packer(s)	6-13 11:54 PM	A.M. P.M.	Time Started Off Bottom	6-14 2:54 AM	A.M. P.M.	Maximum Temperature	107
Initial Hydrostatic Pressure			(A)			1561	P.S.I.
Initial Flow Period	Minutes	45	(B)			9	P.S.I. to (C) 61 P.S.I.
Initial Closed In Period	Minutes	45	(D)			1028	P.S.I.
Final Flow Period	Minutes	45	(E)			65	P.S.I. to (F) 104 P.S.I.
Final Closed In Period	Minutes	45	(G)			1016	P.S.I.
Final Hydrostatic Pressure			(H)			1560	P.S.I.

RAMA Operating Co. Inc  
 DST #1 Arbuckle 3243-3256'  
 Start Test Date: 2012/06/13  
 Final Test Date: 2012/06/14

Proffitt #6-8  
 Formation: DST #1 Arbuckle 3243-3256'  
 Pool: In Field  
 Job Number: 80166

### Proffitt #6-8





**DIAMOND TESTING**  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: proffitt6-8dst2

TIME ON: 10:38:00  
 TIME OFF: 19:46:00

Company RAMA Operating Co. Inc. Lease & Well No. Proffitt #6-8  
 Contractor Sterling Rig #4 Charge to RAMA Operating Co. Inc  
 Elevation 1733 KB Formation Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. S0167  
 Date 6-14-12 Sec. 8 Twp. 20 S Range 9 W County Rice State KANSAS  
 Test Approved By Josh Austin Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 3227 ft. to 3280 ft. Total Depth 3280 ft.  
 Packer Depth 3222 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 3227 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ 3215 ft. Recorder Number 30035 Cap. 10,000 P.S.I.  
 Bottom Recorder Depth (Outside) \_\_\_\_\_ 3277 ft. Recorder Number 3851 Cap. 5,700 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 53 Drill Collar Length 211 ft. I.D. 2 1/4 in.  
 Weight 9.5 Water Loss 11.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 10,000 P.P.M. Drill Pipe Length 2990 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NO Reversed Out YES Anchor Length 53 ft. Size 4 1/2-FH in.  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 9" Blow- Built to BB in 1 min **NOBB**  
 2nd Open: 2" Blow- Built to BB in 1 3/4 min **NOBB**

Recovered 387 ft. of Oil Specked Muddy WTR 4% OIL 72% WTR 25% MUD  
 Recovered 2148 ft. of SOS Slightly Mud Cut WTR 2% OIL 94% WTR 4% MUD  
 Recovered 2535 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of Ph: 7  
 Recovered \_\_\_\_\_ ft. of RW: .48 @ 98 degrees F  
 Recovered \_\_\_\_\_ ft. of Chlorides: 11,000 ppm

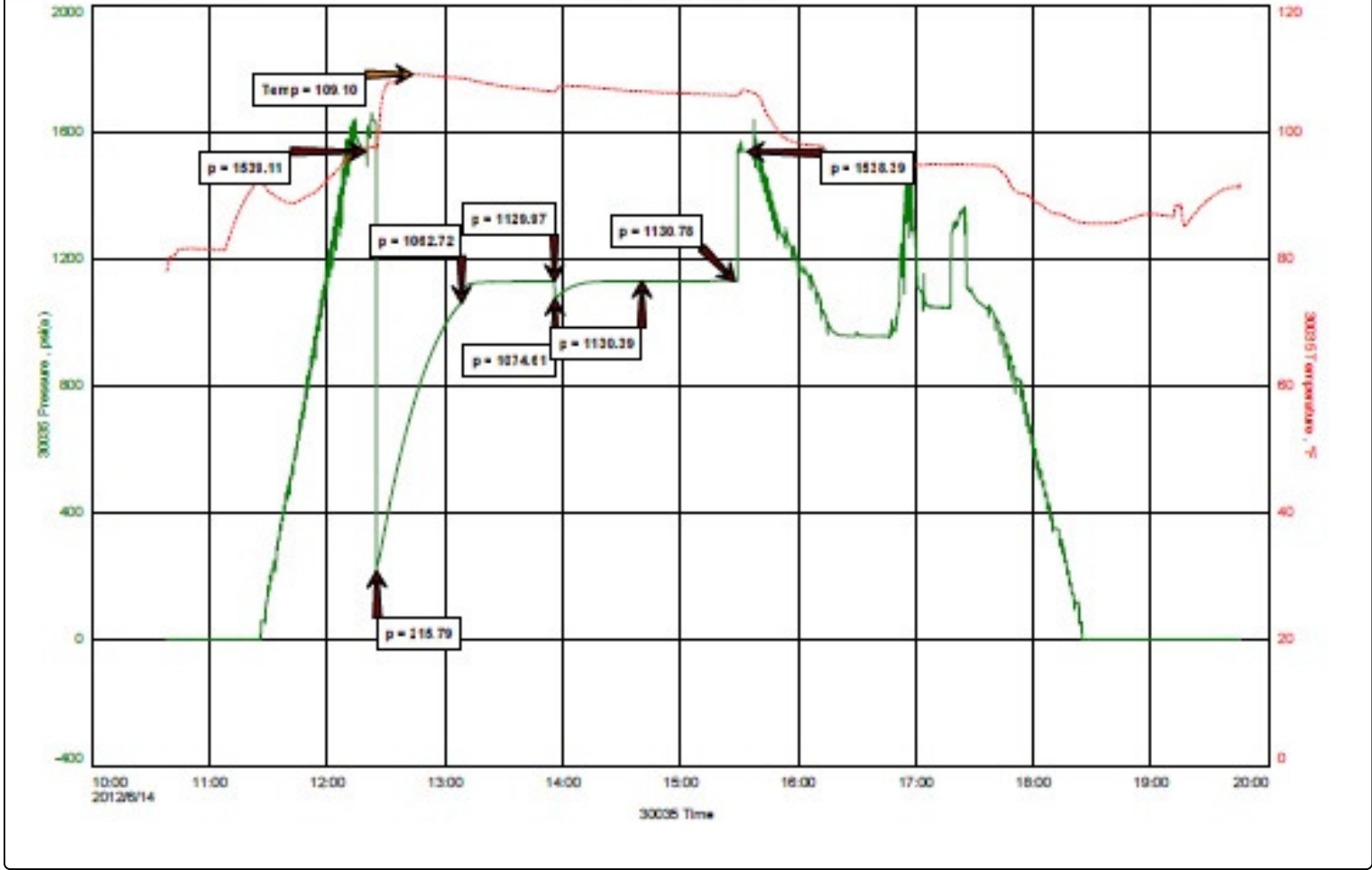
Remarks: Dropped bar at 2148 ft and circ to pit (BOP)

TOOL SAMPLE: 18% OIL 78% WTR 4% MUD

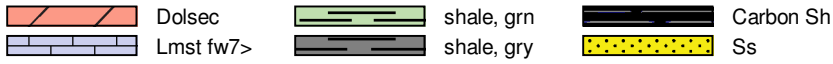
Time Set Packer(s) 12:25 PM A.M. P.M. Time Started Off Bottom 3:25 PM A.M. P.M. Maximum Temperature 109

Initial Hydrostatic Pressure..... (A) 1539 P.S.I.  
 Initial Flow Period..... Minutes 45 (B) 216 P.S.I. to (C) 1063 P.S.I.  
 Initial Closed In Period..... Minutes 45 (D) 1130 P.S.I.  
 Final Flow Period..... Minutes 45 (E) 1075 P.S.I. to (F) 1130 P.S.I.  
 Final Closed In Period..... Minutes 45 (G) 1131 P.S.I.  
 Final Hydrostatic Pressure..... (H) 1538 P.S.I.





### ROCK TYPES



### ACCESSORIES

#### MINERAL

- ▲ Chert, dark
- ∟ Dolomitic
- △ Chert White
- Mc Mica

#### FOSSIL

- Crinoids
- ⊕ Oolite
- ⊕ Oomoldic

#### TEXTURE

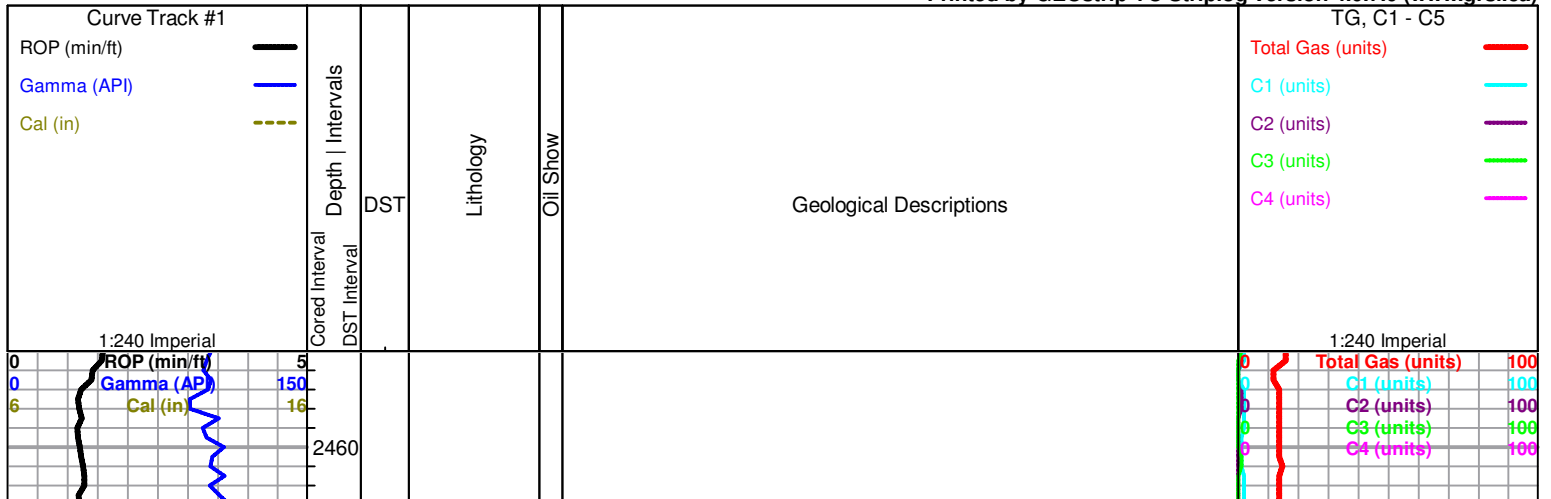
- C Chalky

### OTHER SYMBOLS

#### DST

- DST Int
- DST alt
- Core
- tail pipe

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



2480  
2500  
2520  
2540  
2560  
2580  
2600  
2620  
2640  
2660  
2680

**TOPEKA 2486 (-753)**

Wet and Dry Samples 2600-RTD

**KING HILL**

black carboniferous shale

grey-green-maroon shale

Limestone; cream-tan, fine xln, dense, slightly sucrosic, dolomitic in part, scattered porosity, no shows

Limestone; as above, trace tan-buff, fine xln, Dolomite; sucrosic, no shows

grey-green shale

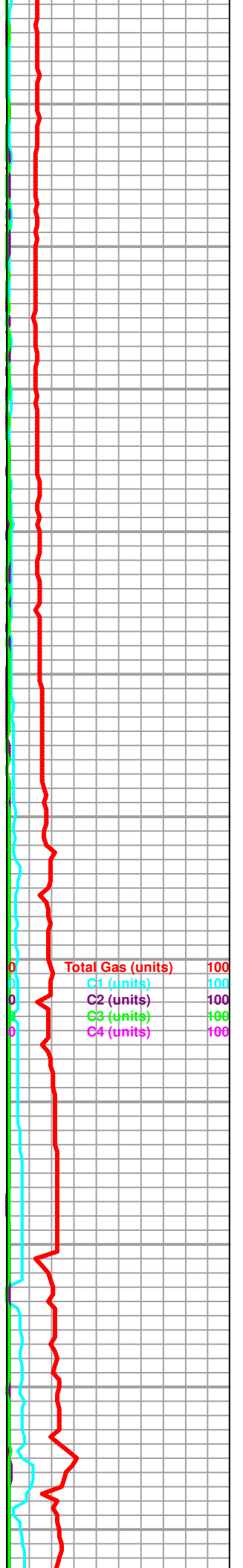
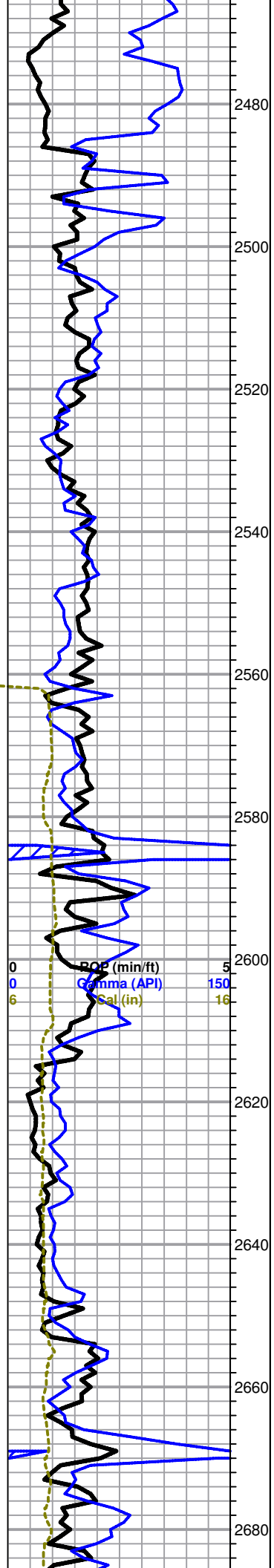
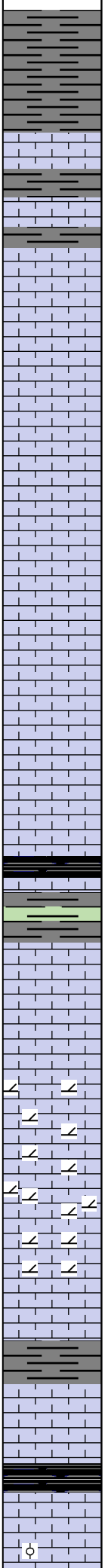
**QUEEN HILL**

black carboniferous shale

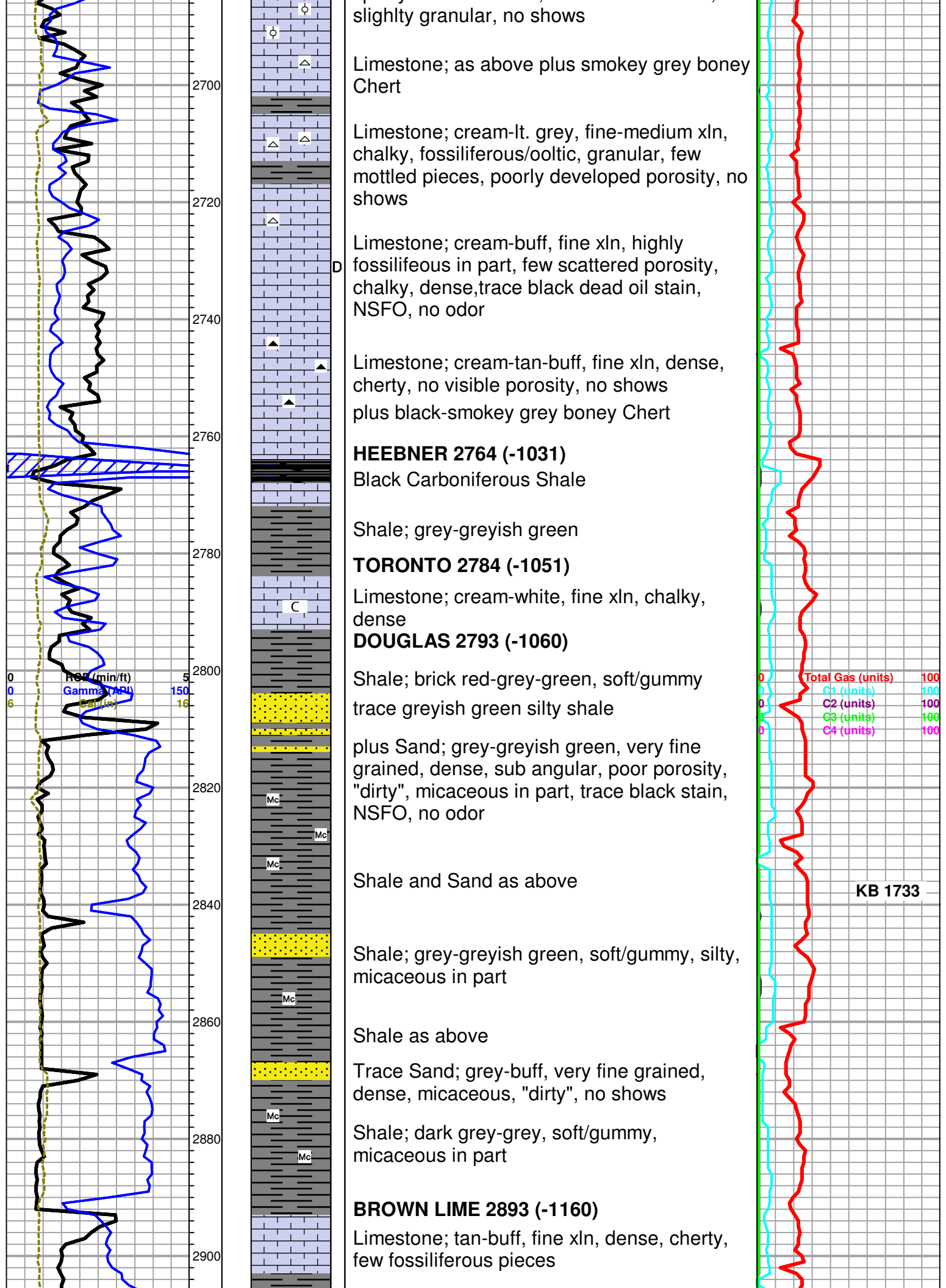
Limestone; cream-grey, fine-medium xln, few sparry calcite cement. fossiliferous/poolitic.

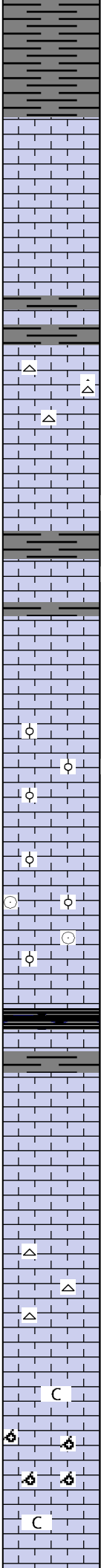
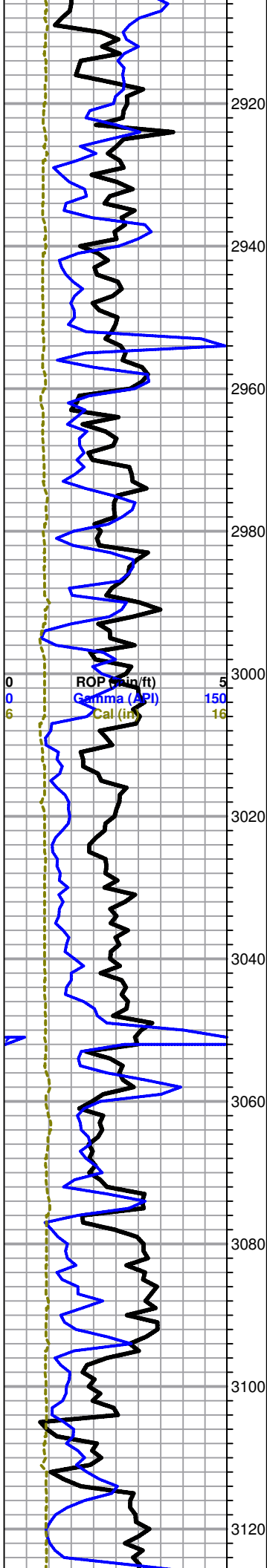
0 BOP (min/ft) 5  
0 Gamma (API) 150  
6 Cal (in) 16

Total Gas (units) 100  
C1 (units) 100  
C2 (units) 100  
C3 (units) 100  
C4 (units) 100









Shale; grey-greish green, silty in part

**LANSING 2923 (-1190)**

Limestone; lt. grey, fine xln, fossiliferous, slightly chalky, dense, poor porosity, no shows

Limestone; as above few granular pieces, plus soft grey shale

Limestone; cream-buff-grey, fine xln, fossiliferous in part, poorly developed porosity, dense, cherty, plus lt. grey boney; Chert

Limestone; cream-grey, chalky, oolitic in part, scattered porosity, brown stain, NSFO, faint odor

Limestone; as above, highly oolitic, trace free oil, faint odor

Limestone; cream-white, fine xln, chalky, dense, poor porosity, no shows

Limestone; buff-tan, fine xln, highly oolitic, oolitic-inter xln type porosity, brown stain, trace free oil, faint-fair odor

Limestone; cream, fine xln, chalky dense, slightly oolitic/fossiliferous, poor porosity, no shows

black carboniferous shale

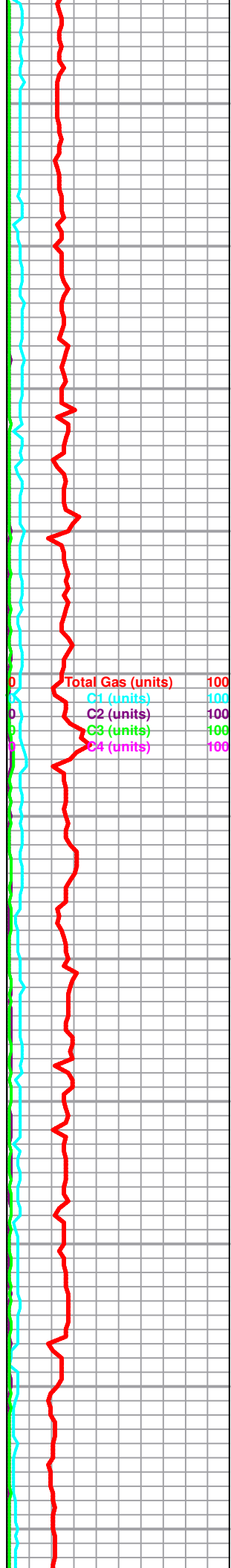
plus soft grey shale

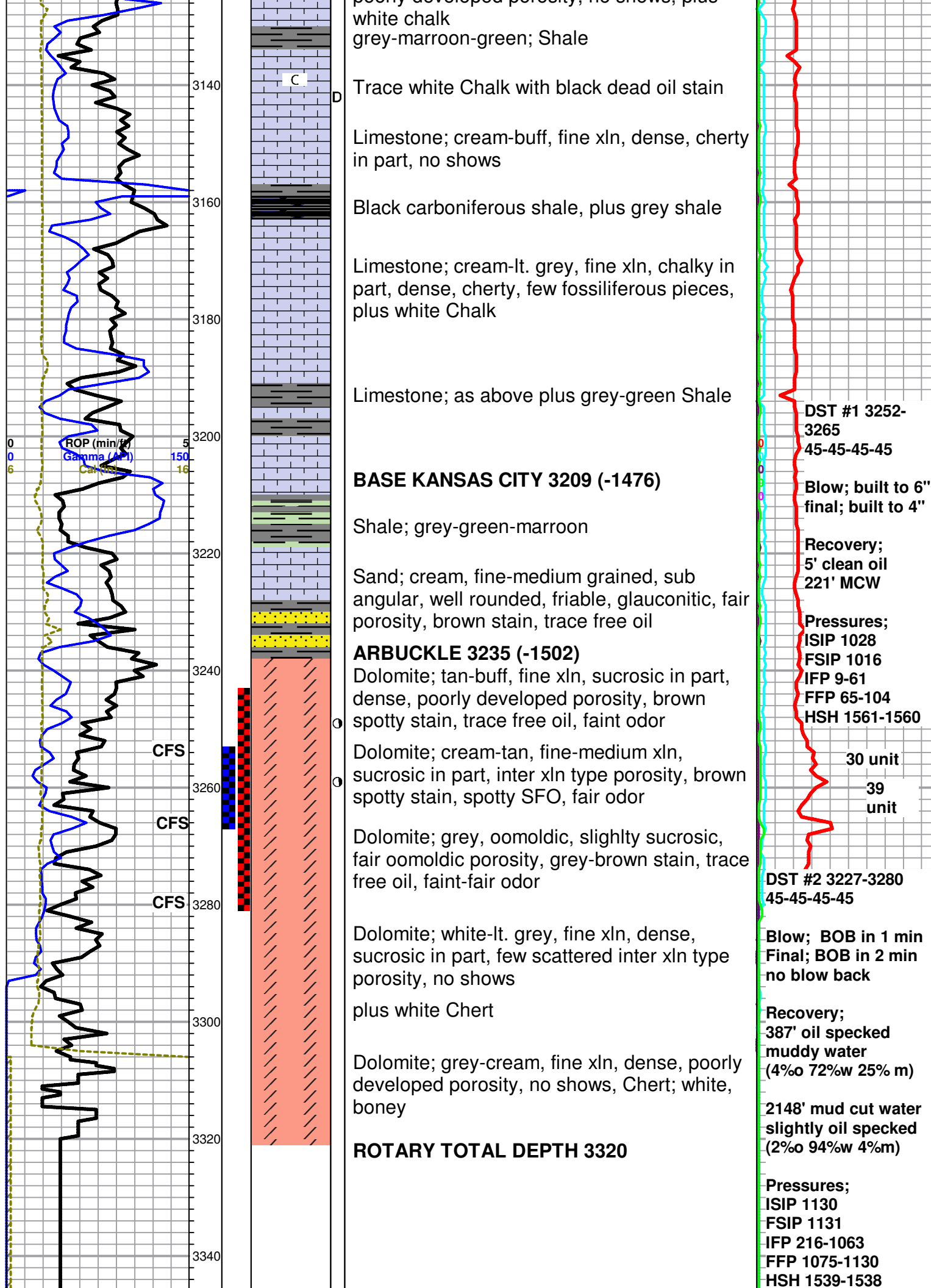
Limestone; cream-grey, fine xln, chalky, dense, fossiliferous in part, poor visible porosity, no shows

Limestone; cream-lt. grey, fine xln, chalk, dense, slightly fossiliferous, poorly developed porosity, trace grey-cream, Chert

Limestone; cream-lt. grey, oolitic, oomoldic, chalky in part, fair-good oomoldic porosity, (barren)

Limestone; cream-white, chalky, oolitic, poorly developed porosity, no shows, plus







1	2	3	4	5	6	7	8	9	10
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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/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 22, 2012

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

Re: ACO1  
API 15-159-22691-00-00  
Proffitt 6-8  
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

# QUALITY WELL SERVICE, INC.

5583

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410

Rich's Cell 620-727-3409

Office / Fax 620-672-3663

Brady's Cell 620-727-6964

Date	6-9-12	Sec.	8	Twp.	20	Range	9	County	Rice	State	KS	On Location		Finish	11:00pm						
Lease	Proffitt		Well No.			6-8		Location								Chase, KS 35 Winto					
Contractor								Sterling Drilling #4								Owner					
Type Job								Surface								To Quality Well Service, Inc.					
Hole Size								12 1/4								T.D.		349			
Csg.								8 5/8								Depth		348.30			
Tbg. Size																Depth					
Tool																Depth					
Cement Left in Csg.								15 ft								Shoe Joint					
Meas Line																Displace		20.9			
EQUIPMENT																Charge To		Rama Operating			
Pumptrk								No. 6								Richard		Common		150	
Bulktrk								No. 5								Sean		Poz. Mix		100	
Bulktrk								No.								Heath		Gel.		4	
Pickup								No.										Calcium		9	
JOB SERVICES & REMARKS																Cement Amount Ordered		<del>250</del> 3%cc 2%gel			
Rat Hole																Hulls					
Mouse Hole																Salt					
Centralizers																Flowseal		67.5			
Baskets																Kol-Seal		67.5			
D/V or Port Collar																Mud CLR		48			
Ran 8 sts of 8 5/8 casing and landing																CFL-117 or CD110 CAF		38			
st																Sand					
Est Circulation with mud pump																Handling		263			
250																Mileage		25			
Hooked up and mixed <del>250</del> sr																FLOAT EQUIPMENT					
shut down and released plug																Guide Shoe					
and disp 20.9 bbl H2O - shut in @																Centralizer					
psi																Baskets					
Cement did circulate to surface																AFU Inserts					
																Float Shoe					
																Latch Down					
																8 5/8 wood plug					
																Pumptrk Charge		Surface			
																Mileage		25			
Thank You																Tax					
Signature								Ryan Reynolds								Discount					
																Total Charge					