

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs 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 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](mailto: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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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CHARGE TO: *Panner D1*  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET  
 35563

PAGE 1 OF 1

1. <i>Plays Lc</i>	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
2. <i>Ness City Hs</i>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE				
4.	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					<i>Tire # 110</i>	90	<i>MI</i>				7.50	630.00
578					<i>Pump Charge - long string</i>	1	<i>EA</i>				1600.00	1600.00
1990					<i>A-Hin</i>	3	<i>box</i>				471.00	126.00
221					<i>Liquid Seal</i>	2	<i>box</i>				25.00	50.00
281					<i>Mudflsh</i>	500	<i>gal</i>				2.00	1000.00
403					<i>Concrete Bore</i>	2	<i>ea</i>				350.00	700.00
406					<i>Catch Down Plug &amp; Bottle</i>	1	<i>EA</i>				300.00	300.00
407					<i>Insert of 1000 shoe w/Protal</i>	1	<i>EA</i>				400.00	400.00
409					<i>Turbolizer</i>	8	<i>EA</i>				150.00	1200.00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.  
**X**

**REMIT PAYMENT TO:**  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				6006.00
WE UNDERSTOOD AND MET YOUR NEEDS?				6746.50
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				12752.50
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  
 SWIFT OPERATOR *David Edge* APPROVAL \_\_\_\_\_  
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.  
 Thank You!



PO Box 466  
Ness City, KS 67560  
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 35563

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		DATE	UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M			
330									9-5-22		
325						Swift Muds Density	125	5x		19.50	2437.50
283						Stoddard Cement	125	5x		149.00	18625.00
292						Bentonite Gel	3	5x		40.00	120.00
276						SMC	700	lbs		2.50	1750.00
						Hours 322	50	hrs		9.00	450.00
						Flocele	50	lbs		3.00	150.00
581						Service Charge Cement	250	5x		2.00	500.00
583						Mileage Charge	25305			1.00	1039.00
							CUBIC FEET				
							TON MILES				
							LOADED MILES				
							TOTAL WEIGHT				
							CHARGE				
CONTINUATION TOTAL										6246.50	

CUSTOMER Palmer B1  
WELL Pellet 1-34504

PAGE OF

JOB LOG

SWIFT Services, Inc.

DATE

PAGE NO.

9-5-22

CUSTOMER

WELL NO.

LEASE

JOB TYPE

TICKET NO.

Palmer Oil

1-54 rods

Keller

log string

35563

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2200							On location
								Csg - 7" x 28#
								Rtd - 4192
								Set @ 3872
								Turbolizers - 1, 4, 7, 10, 13, 16, 19, 22
								Basket - 2+3
	2330							Start Running Csg
	105							Break circ w/ Approx 20 ft left
	200							Circ on Bottom
	230	4.5	8			0		plug rat hole - 30 sx
		2.5	4			0		plug mouse hole - 20 sx
		6.5	12			400		pump muntluch
		6.5	20			400		pump Kel Spacer
		6	0			400		START CMT - 75 sx, SMD @ 12.5 m.
		6	28					switch to STD CMT for 125 sx
		4.5	58					End CMT
		7.5	0					wash p/dl - Drop plug
	320	6.5	145			1000		START Disp
								land plug @ 1500 psi
								JOB COMPLETE
								Thanks
								DAVID, SETH & JOHN







**OPERATOR**

Company: Palmer Oil, Inc  
 Address: 3118 N. Cummings RD.  
 P.O. Box 399  
 Garden City, KS 67846  
 Contact Geologist: Josh Austin  
 Contact Phone Nbr: 620-546-3960  
 Well Name: Keller # 1-34 SWD  
 Location: 34-21s-14w, SW-NE-NE-NW  
 API: 15-185-24114-00-00  
 Pool:   
 State: Kansas  
 Field: Hickman  
 Country: USA

Scale 1:240 Imperial

Well Name: Keller # 1-34 SWD  
 Surface Location: 34-21s-14w, SW-NE-NE-NW  
 Bottom Location:  
 API: 15-185-24114-00-00  
 License Number:  
 Spud Date: 8/31/2022 Time: 2:00 PM  
 Region: Stafford County  
 Drilling Completed: 9/5/2022 Time: 5:00 AM  
 Surface Coordinates: 348' FNL & 1982' FWL  
 Bottom Hole Coordinates:  
 Ground Elevation: 1939.00ft  
 K.B. Elevation: 1952.00ft  
 Logged Interval: 2900.00ft To: 4300.00ft  
 Total Depth: 0.00ft  
 Formation: Arbuckle  
 Drilling Fluid Type:

**SURFACE CO-ORDINATES**

Well Type: Vertical  
 Longitude:  
 Latitude:  
 N/S Co-ord: 348' FNL  
 E/W Co-ord: 1982' FWL

**LOGGED BY**

Company: James C Musgrove Petroleum LLC  
 Address: 212 Main St./ P.O. Box 215  
 Clafin, KS 67525  
 Phone Nbr: 620-546-3960 620-786-0839  
 Logged By: Geologist Name: Joshua R. Austin

**CONTRACTOR**

Contractor: Duke Drilling Co., Inc.  
 Rig #: 7  
 Rig Type: Mud Rotary  
 Spud Date: 8/31/2022 Time: 2:00 PM  
 TD Date: 9/5/2022 Time: 5:00 AM  
 Rig Release: 9/6/2022 Time: 4:00 AM

**ELEVATIONS**

K.B. Elevation: 1952.00ft Ground Elevation: 1939.00ft  
 K.B. to Ground: 13.00ft

**NOTES**

A PDC bit was used in the drilling of the Keller #1-34 SWD, 30' wet and dry samples from 2900'-RTD. 7" casing was set and cemented. See typed report for recommendations.

Respectfully Submitted,

Joshua Austin  
Petroleum Geologist

# Palmer Oil, Inc.

## well comparison sheet

DRILLING WELL					COMPARISON WELL				COMPARISON WELL			
Keller #1-34 SWD					McGinty #2				McGinty #1			
1952 KB					1945 KB		Structural Relationship		1938 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Anhydrite			846	1106	848	1097		9				
Heebner	3284	-1332	3286	-1334	3286	-1341	9	7				
Toronto	3305	-1353	3310	-1358								
Douglas	3323	-1371	3328	-1376								
Brown Lime	3405	-1453	3404	-1452								
Lansing	3416	-1464	3415	-1463	3415	-1470	6	7	3400	-1462	-2	-1
Base KC	3636	-1684	3630	-1678								
Viola	3689	-1737	3692	-1740	3691	-1746	9	6	3676	-1738	1	-2
Simpson Shale	3738	-1786	3745	-1793	3728	-1783	-3	-10	3718	-1780	-6	-13
Arbuckle	3794	-1842	3800	-1848	3781	-1836	-6	-12	3764	-1826	-16	-22
Total Depth	4192	-2240	4176	-2224	3785	-1840			3774	-1836		

### ROCK TYPES

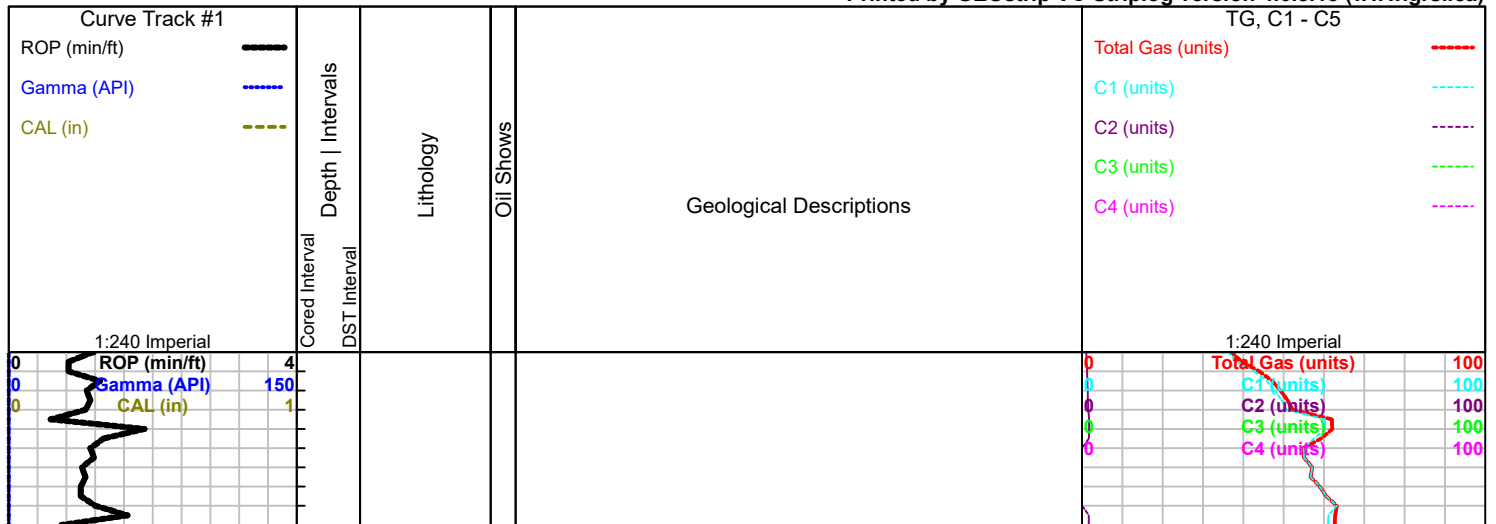
Cht	Congl	Lmst fw7>	Shgy
Coal	Dolsec	Ss	

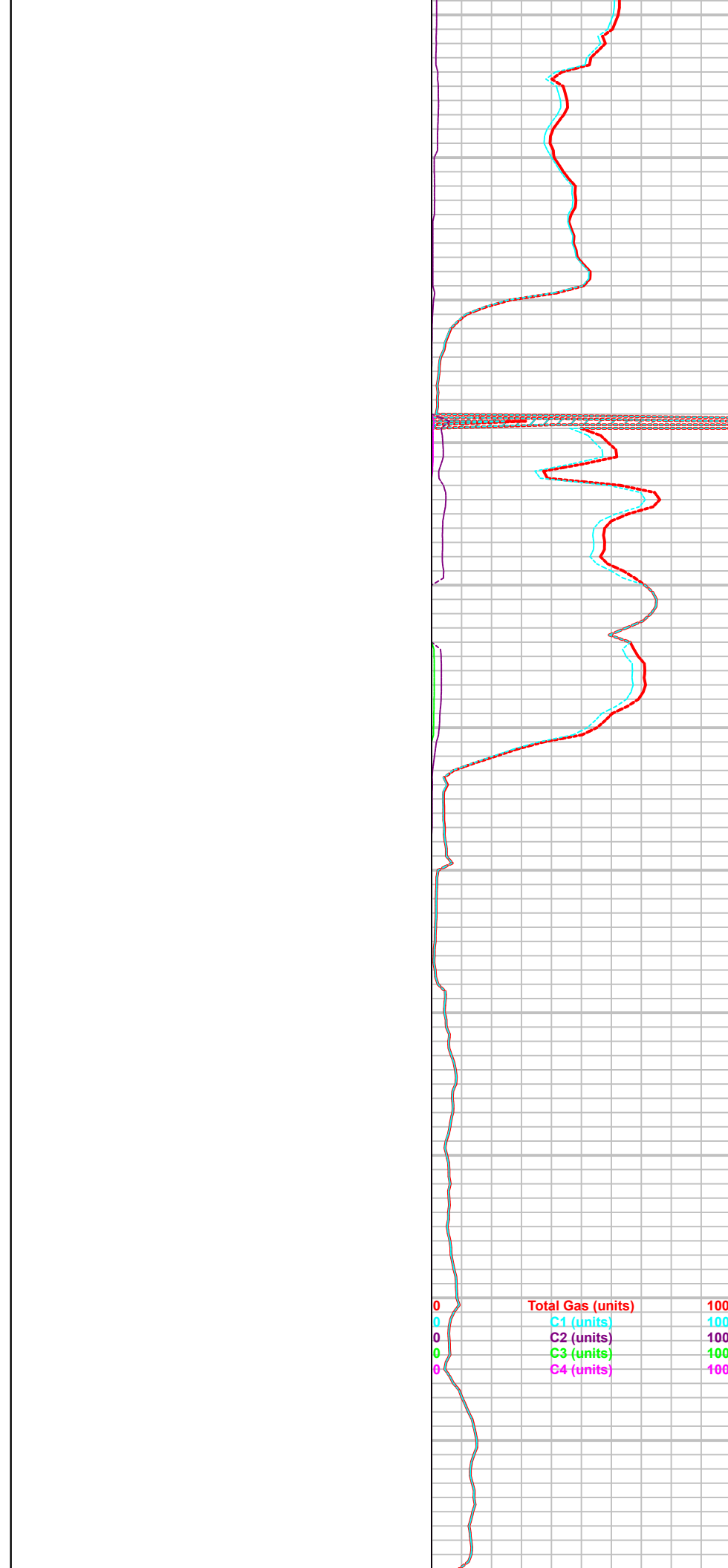
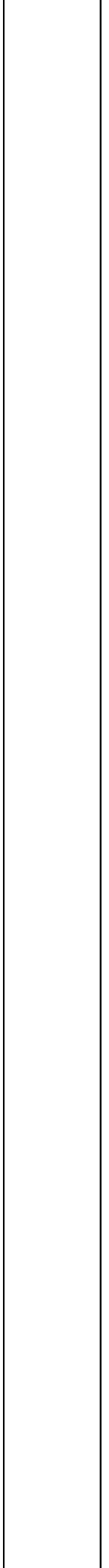
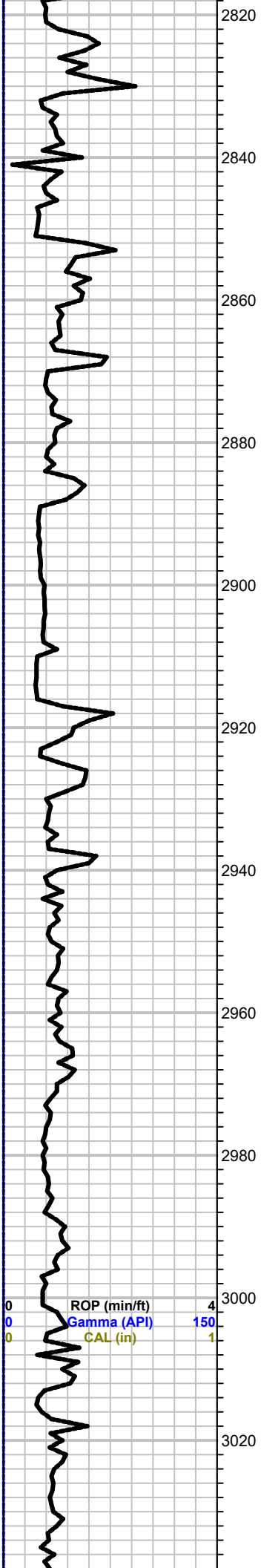
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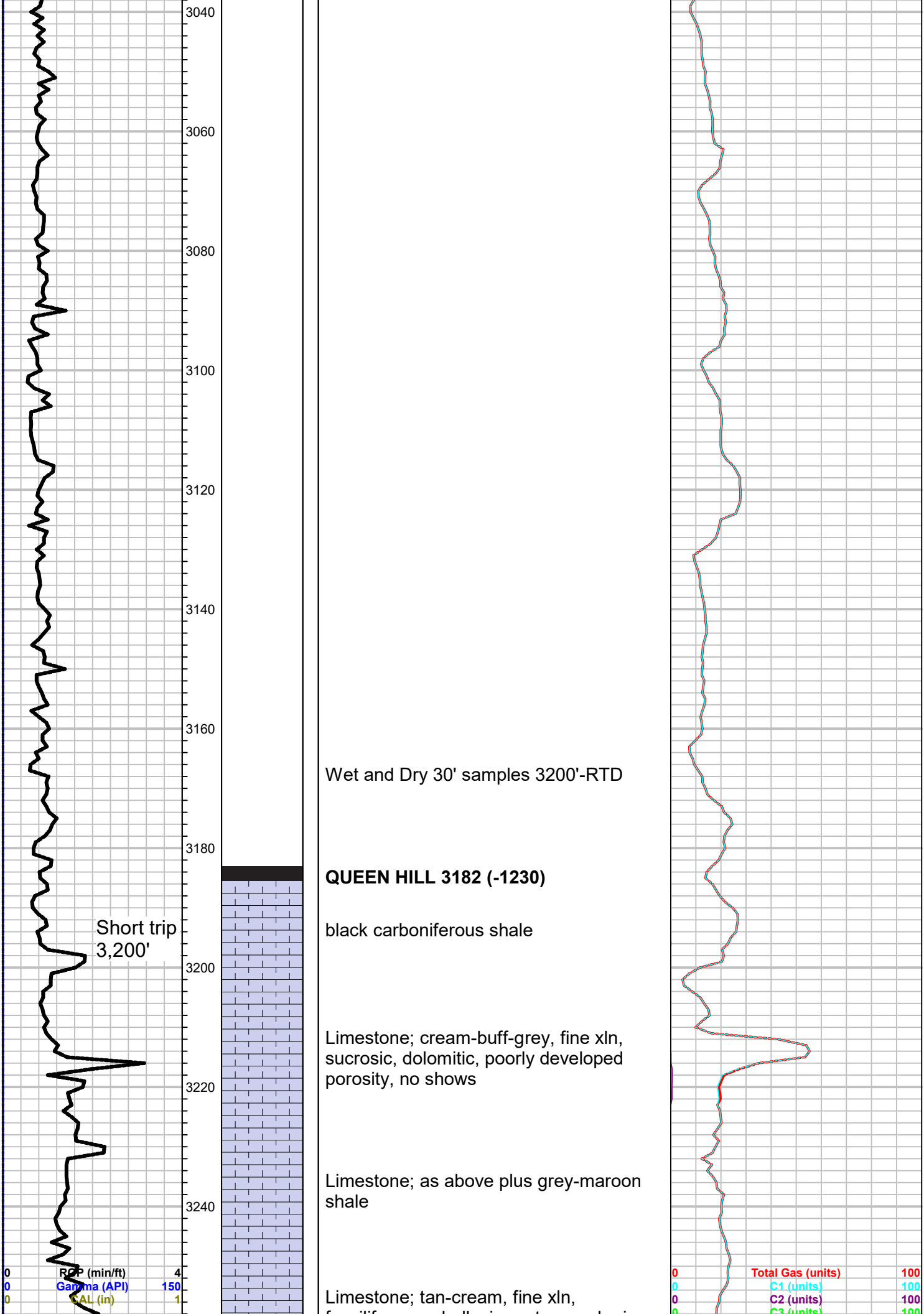
#### OIL SHOWS

- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- Questionable Stn
- D Dead Oil Stn
- Fluorescence

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)







fossiliferous, chalky in part, granular in part, plus grey-white boney Chert

**HEEBNER 3284 (-1332)**

black carboniferous Shale

**TORONTO 3305 (-1353)**

Limestone; cream-lt. grey, fine xln, chalky, fossiliferous in part, trace black-dark brown stain, no show of free oil, no odor

**DOUGLAS 3323 (-1371)**

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

Shale; grey-dark grey-green, soft, micaceous in part, silty

Trace Sand; grey, very fine grained, micaceous, shaley in part, no shows

Shale; grey-dark grey, soft, micaceous

**BROWN LIME 3405 (-1453)**

Limestone; brown-tan, fine xln, dense, cherty

**LANSING 3416 (-1464)**

Limestone; cream-buff, fine xln, fossiliferous, chalky, poor visible porosity, no shows

Limestone; cream-buff-grey, fine xln, few scattered porosity, fossiliferous/oolitic, sparry calcite in porosity, cherty in part, questionable trace brown stain, no show of free oil, no odor

Limestone; lt. grey-cream, fine xln, dense,

0 100  
G4 (units)

