



**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

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: \_\_\_\_\_



1055365

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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:  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
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<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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Form	ACO1 - Well Completion
Operator	Sentinel Petroleum, Inc.
Well Name	WAHRMAN 1
Doc ID	1055365

All Electric Logs Run

Dual Induction
Density Neutron
Microlog
Sonic
Frac Finder



CHARGE TO:  
 ADDRESS: Sentinel Petroleum, Inc.  
101 N. Robinson Suite 910  
 CITY, STATE, ZIP CODE: Oklahoma City, OK 73102

TICKET  
 19433

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Hays, Ks</u>	WELL/PROJECT NO. # <u>1</u>	LEASE <u>Wabman</u>	COUNTY/PARISH <u>Graham</u>	STATE <u>Ks</u>	CITY	DATE <u>3-27-11</u>	OWNER
2. <u>Ness City, Ks</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Discovery</u>	RIG NAME/NO. # <u>1</u>	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>5/411 CEG, Ks.</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Infield</u>	JOB PURPOSE <u>Cement Logging</u>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # <u>113</u>					5.00	250.00
579		1			Pump Charge - <u>cut 2 stage</u>					1750.00	1750.00
221		1			Liquid KCL					2500	100.00
281		1			Mud Flush					500 gal	500.00
290		1			D-Air					4 gal	3500
402		1			Centralizers			8 ea	5 1/2 in	6500	520.00
403		1			Cement Basket			1 ea	5 1/2 in	23000	23000
407		1			Insert Float Shoe w/Auto-RTU			1 ea	5 1/2 in	30000	30000
408		1			D.V Tool Set			1 ea	5 1/2 in	275000	275000
417		1			D.V. Latch Down Plug & Ballbe			1 ea	5 1/2 in	20000	20000

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

DATE SIGNED: 3-27-11 TIME SIGNED: 0800  A.M.  P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	P1 PAGE TOTAL	6740.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				P2	7630.73
WE UNDERSTOOD AND MET YOUR NEEDS?				subtotal	14370.73
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Graham TAX 7.55%	816.68
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	15,187.41
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: Don Lemman APPROVAL: \_\_\_\_\_

Thank You!



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

TICKET CONTINUATION

TICKET No. 19433

CUSTOMER: Sentinel Petroleum, Inc. WELL: #1 Wahrman DATE: 3-27-11 PAGE: 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LCC	ACCT	DF			QTY	U/M	QTY	U/M		
325		2				Standard Cement EA-2	150	SKS	14100	lbs	12.00	1800.00
276		2				Floccle	381	lbs			1.50	571.50
283		2				Salt	250	lbs			.45	112.50
284		2				Calceol	705	lbs	7	SKS	30.00	210.00
285		2				CFR-1	71	lbs			4.00	284.00
330		2				SMD Cement	235	SKS	23320	lbs	15.00	3525.00
276		2				Floccle	59	lbs			1.50	88.50
581		2				SERVICE CHARGE Cement					1.50	577.50
583		2				MILEAGE CHARGE					1.00	976.23
						TOTAL WEIGHT	39049	lbs				
						LOADED MILES	50					
						CUBIC FEET	385	SKS				
						TON MILES	976.23					

CONTINUATION TOTAL 7630.73

JOB LOG

SWIFT Services, Inc.

DATE 3-27-11 PAGE NO. 7

CUSTOMER Sealright Rt. Inc.	WELL NO. #1	JOB TYPE Cement Lining	TICKET NO. 19433
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0545							On location w/ float equip
	0615							Rig L.D. RH. Tongs not broke down
	0700							Start casing - 5 1/2" 15.5 #/ft to 396.9'
								Insert float shoe w/ Auto-fill
								D.V.L.D. Baffle - 5 J - 23 1/2"
								Cent collars 13.5-7-9-11-13 & 40
								D.V. #310 @ 2013' Both #312 pin
	0840							St #75 out Drop RLL up ball to Jts 694'
	0845							Tes bottom - setting
	0915							Start circ casing 1st stage
			12					Fin circ - Take on Mud Displ.
			20					Pump 500 gal Mud flush
			36					Pump 20 BBL KLL flush
								Start 150 SKS FA-2 cont @ 15.5 #
								Fin cont - Washup Pump & Lines
		9		300				Drop D.V. L.D. Plug - Start Displ Hld
		9	50	350				Start Mud Displ. (30)
		7	80	400				Start KLL flush
	0950	6	94	700				Plug Down - Hold - Release & Hold
	0955			1000				Drop D.V. opening device
			84					Plug RH 30 SKS MH 15 SKS
	1000	5	06					Open D.V. with KLL flush 2nd stage
		5	6	1100				Fin flush - Start SUD cont. @ 11.2 #/gal
		4	110					Fin SUD cont.
		5						Drop D.V. Closing Plug
	11:00			800				Start Displ Hld 48
				1500				Plug Down - Hold - Release - D.V. Closed
								(50 SKS) SUD @ 11.2 #/gal circ to pit
								Wash up & Rekey TEs
	11:45							Wants Don, Doug & Russell

# ALLIED CEMENTING CO., LLC. 034013

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>3/22/11</u>	SEC. <u>35</u>	TWP. <u>9</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Wahmans</u>	WELL # <u>1</u>	LOCATION <u>Wakenney N to Redline Rd</u>				COUNTY <u>Crawford</u>	STATE <u>Ks</u>
OLD OR NEW (circle one) <u>NEW</u>							

CONTRACTOR Discovered Drilling Rig #1 OWNER \_\_\_\_\_

TYPE OF JOB Surface Sob  
 HOLE SIZE 12 1/4 T.D. 267'  
 CASING SIZE 8 1/2 DEPTH 266.5'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 16 bbl

CEMENT AMOUNT ORDERED 165 Con 33cc 226.1

COMMON 165 @ 16.25 2681.25  
 POZMIX @ \_\_\_\_\_  
 GEL 3 @ 21.25 63.75  
 CHLORIDE 6 @ 58.20 349.20  
 ASC @ \_\_\_\_\_

HANDLING 174 @ 2.25 391.50  
 MILEAGE 111.56/mile 765.60  
 TOTAL 4251.30

EQUIPMENT  
 PUMP TRUCK CEMENTER Shane Heath  
 # 417 HELPER Tony  
 BULK TRUCK DRIVER Ron  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:  
Ran 6 hrs. Sanding Jt.  
Est. Circulation.  
Mixed 165 SKS.

Cement Circulated

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE 1125.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 80 @ 7.00 560.00  
 MANIFOLD @ \_\_\_\_\_  
 LUM 80 @ 4.00 320.00  
 TOTAL 2005.00

CHARGE TO: Sentinel Petroleum LMC.  
 STREET 101 N. Ch Robinson Suite 910  
 CITY Oklahoma STATE Ok ZIP 73102

PLUG & FLOAT EQUIPMENT

*Thanks!*

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

TOTAL \_\_\_\_\_

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES 2005.00

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_  
 SIGNATURE [Signature]

6. 6489.91  
- 1251.26

# Tim J. Lauer

Petroleum Geologist

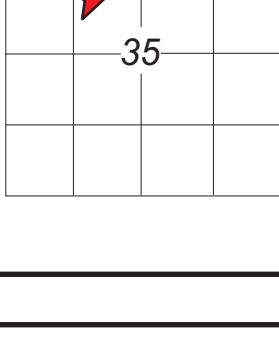
## GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY	Sentinel Petroleum, Inc.		
LEASE	#1 Wahrman		
FIELD			
LOCATION	1688' FEL, 335' FNL of Section		
SEC	35	TWSP	9s RGE 23w
COUNTY	Graham	STATE	Kansas
CONTRACTOR	Discovery Drilling Rig #1		
SPUD	3-22-2011	COMP	3-27-2011
RTD	3965'	LTD	3964'
MUD UP	3215'	TYPE MUD	Chemical
SAMPLES SAVED FROM	3400'	TO	RTD
DRILLING TIME KEPT FROM	3400'	TO	RTD
SAMPLES EXAMINED FROM	3400'	TO	RTD
GEOLOGICAL SUPERVISION FROM	3505'	TO	RTD
GEOLOGIST ON WELL	Tim J. Lauer		

ELEVATIONS	KB 2403'
DF	
GL	2395'
Measurements Are All From	Kelly Bushing
CASING	
CONDUCTOR	
SURFACE	8-5/8" @ 267'
PRODUCTION	5-1/2" @ 3960'+/-
ELECTRICAL SURVEYS	
Superior: DIL, DPL, ML, PE, Sonic	
(Engr: Jeff Groneweg)	

FORMATION TOPS	ELECTRIC LOG	SAMPLE LOG
Anhydrite	1976 (+423)	1978 (+425)
Topeka	3434 (-1031)	3433 (-1030)
Heebner	3652 (-1249)	3651 (-1248)
Toronto	3675 (-1272)	3675 (-1272)
Lansing	3687 (-1284)	3686 (-1283)
Base Ks. City	3910 (-1507)	3912 (-1509)
Total Depth	3964 (-1561)	3965 (-1562)



COMPANY & WELL Sentinel Petroleum, Inc. #1 Wahrman ELEVATIONS  
 LOCATION 1688' FEL, 335' FNL of Section KB 2403'  
 SEC 35 TWSP 9s RGE 23w STATE Kansas GL 2395'  
 COUNTY Graham

REMARKS

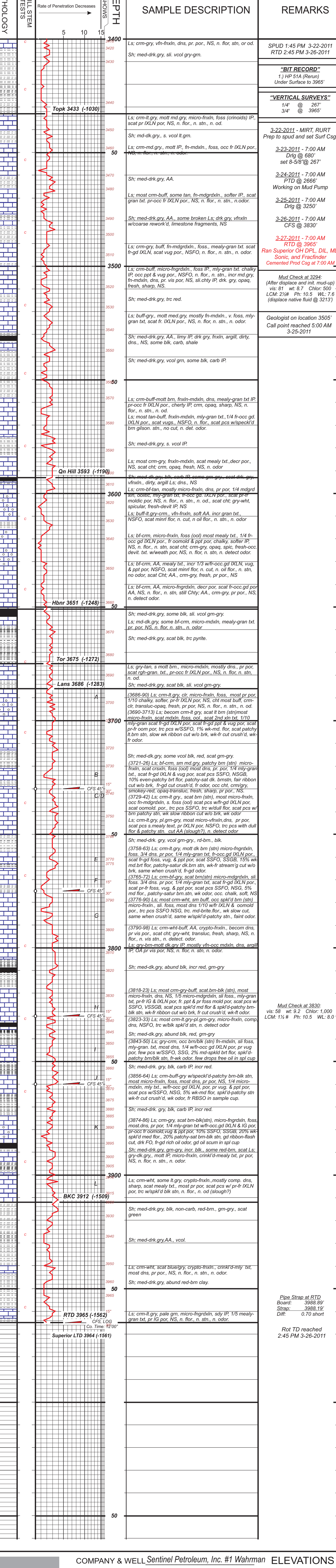
Due to sample shows and log calculations, operator elected to set production casing to further test the location.

Respectfully submitted,

*Tim J. Lauer*  
 Tim J. Lauer  
 3-27-2011

### LEGEND

	Anhydrite		Sandstone		Limestone		Shale		Carb Sh		Cherty LS		Chert		Dolomite
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COMPANY & WELL	Sentinel Petroleum, Inc. #1 Wahrman	ELEVATIONS	KB 2403'
LOCATION	335' FNL, 1688' FEL of Section	GL	2395'
SEC	35 TWSP 9s RGE 23w		
COUNTY	Graham STATE Kansas		