



KANSAS CORPORATION COMMISSION 1064911
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- 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: _____



1064911

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
---	---

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
-----------------------------------	-----------	---------	-------------	---------------	---------

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
---	--	--

Form	ACO1 - Well Completion
Operator	Sentinel Petroleum, Inc.
Well Name	Gano 1
Doc ID	1064911

All Electric Logs Run


Dual Induction
MicroResistivity
Dual Compensated Porosity
Sonic with Frac Finder

AFFIDAVIT OF CEMENTING

STATE OF OKLAHOMA)
) ss
COUNTY OF OKLAHOMA)

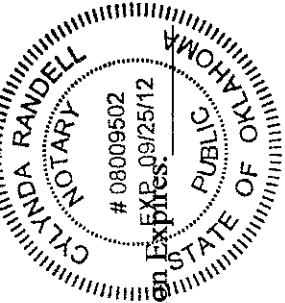
Re: Gano #1
Approx. SW/4 NW/4 SW/4, Section 25-9S-23W
Graham County, KS

I, the undersigned Suzanne M. Rogers, of lawful age, being first duly sworn, depose and say that, on August 15, 2011, Allied Cementing Co., LLC., cemented 265.34' of 8 5/8" surface casing in the wellbore of the Gano #1 as described above for Sentinel Petroleum, Inc., the operator of record of said well.

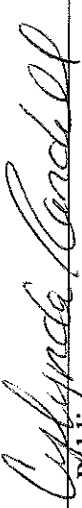


Suzanne M. Rogers

Subscribed and sworn to before me this 30th day of August, 2011.



My Commission Expires:



Notary Public

ALLIED CEMENTING CO., LLC. 038235

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Rural

DATE <u>8/15/11</u>	SEC. <u>25</u>	TWP. <u>9</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Gano</u>	WELL # <u>1</u>	LOCATION <u>Wakeney + Hwy 283</u>				COUNTY <u>Greene</u>	STATE <u>Kr</u>
OLD OR NEW (Circle one)		N to Red line IN E+S + Eight					

CONTRACTOR Discover Drilling Rigs #1 OWNER _____

TYPE OF JOB Surface Sob
 HOLE SIZE 12 1/4 T.D. 265'
 CASING SIZE 8 1/4 DEPTH 265.34
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 15,946.61

CEMENT AMOUNT ORDERED 170 Con 35cc
22.64

COMMON	<u>1.70</u>	@	<u>16.25</u>	<u>2762.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>6</u>	@	<u>58.20</u>	<u>349.20</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>179</u>	@	<u>2.25</u>	<u>402.75</u>
MILEAGE	<u>.14/mile/hr</u>	@		<u>984.50</u>
TOTAL				<u>4562.70</u>

EQUIPMENT

PUMP TRUCK CEMENTER Shane
 # 409 HELPER Heath
 BULK TRUCK DRIVER Ron D
 BULK TRUCK DRIVER _____
 # _____

REMARKS:

Ran 6 hrs. + Canding St.
Foot Circulation.
Mixed 170 stu
Cement Circulated

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE		@	<u>1125.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>100</u>	@	<u>700.00</u>
MANIFOLD		@	
	<u>100</u>	@	<u>400.00</u>
TOTAL			<u>2225.00</u>

PLUG & FLOAT EQUIPMENT

		@	
		@	
		@	
		@	
		@	
TOTAL			

CHARGE TO: Sentinel Petroleum INC.
 STREET 101 N Robinson STE 912
 CITY Okemun Ok STATE OK ZIP 73102

Marked

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.

SALES TAX (If Any) _____
 TOTAL CHARGES 6787.70
 DISCOUNT 50/20 IF PAID IN 30 DAYS

PRINTED NAME _____
 SIGNATURE Cheryl Mayfield

AFFIDAVIT OF CEMENTING

STATE OF OKLAHOMA)
) ss
COUNTY OF OKLAHOMA)

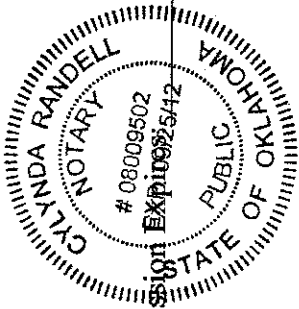
Re: Gano #1
Approx. SW/4 NW/4 SW/4, Section 25-9S-23W
Graham County, KS

I, the undersigned Suzanne M. Rogers, of lawful age, being first duly sworn, depose and say that, on August 29, 2011, Consolidated Oil Well Services, LLC cemented 3983.08' of 5 1/2" production casing in the wellbore of the Gano #1 as described above for Sentinel Petroleum, Inc., the operator of record of said well.



Suzanne M. Rogers

Subscribed and sworn to before me this 31st day of August, 2011.





Notary Public

My Commission Expires



CONSOLIDATED
Oil Well Services, L.L.C.



ENTERED

TICKET NUMBER 28165
LOCATION Dekley, KS
FOREMAN Walt + Dinked

**FIELD TICKET & TREATMENT REPORT
CEMENT**

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

DATE 8-20-11	CUSTOMER # 7896	WELL NAME & NUMBER Gano #1	SECTION 25	TOWNSHIP 93	RANGE 23w	COUNTY Crawford
CUSTOMER Sentinel Petroleum, Inc.		Mailing Address 101 N. Robinson St Ste 910 Oklahoma City OK 73102	TRUCK # 399	DRIVER Miles Shaw	TRUCK #	DRIVER
CITY Oklahoma City OK		STATE OK	TRUCK # 460	DRIVER Kelly Goble		
JOB TYPE Prod-DV-O		HOLE SIZE 7 7/8	TRUCK # 528-T129	DRIVER Damon Miller		

HOLE DEPTH 3990' CASING SIZE & WEIGHT 5 1/2" - 15.5 OTHER DV 21987'
TUBING _____ WATER gal/sk _____ CEMENT LEFT IN CASING 42'
DRILL PIPE _____ SLURRY VOL. _____ MIX PSI _____
3986 _____ 14-12.5 _____ 93.9 _____ 6 BPM

REMARKS: Safety Meeting, rig up on Discourse #1, Run Float Equipment
Pipe on bottom, circ 1 1/2 hrs mixed 40.5 sks 60/40 pap, 8% Col, 1/4 # Flo Seal
Flush, mix 150 sks OWC, clear Pump Lines, Displace 47 BBL H₂O + 47 BBL
mods 700-PB, hauled Plug 2 1200#, released Pressure Float Held
open DV Tool, circ 1 1/2 hrs mixed 40.5 sks 60/40 pap, 8% Col, 1/4 # Flo Seal
release plug + Displace 47 3/4 BBL H₂O @ 800#, hauled Plug 2 1200#, closed
Tool, release Pressure, Held

Cement Did Circ Thank You
Approx 30 BBL to PB Walt + crew

ACCOUNT CODE	QUANTITY of UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	2850.00	2850.00
5406	60	MILEAGE	5.00	300.00
1126	150 sks	OWC	21.48	3222.00
1131	450 - sks	60/40 pap	14.35	6457.50
1118B	3096 #	Benarite	.24	743.04
1102	113 #	Flo-seal	2.66	300.00
1144G	500 gal	Mud Flush	1.00	500.00
5407A	26.4	Ton Mileage Delivery	1.50	2,502.00
4159	1	5 1/2" AEU Float shoe	413.00	413.00
4130	8	5 1/2" Centralizers	58.00	464.00
4104	3	5 1/2" Baskets	276.00	828.00
4283	1	5 1/2" DV Tool w-Latch down	3,850.00	3,850.00
		Less 15% Disc		22,430.02
				3,364.61
				19,066.41
		SALES TAX		1076.73
		ESTIMATED TOTAL		20,142.84

Rawls 3787

AUTHORIZATION [Signature] DATE 24 3 6 14
TITLE Tool pusher

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

Tim J. Lauer

Petroleum Geologist

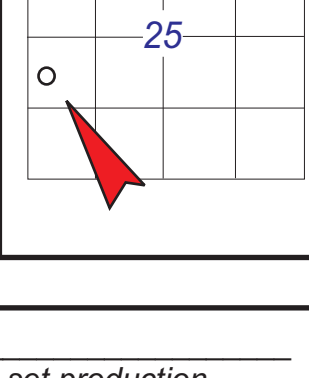
GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY	Sentinel Petroleum, Inc.		
LEASE	#1 Gano		
FIELD			
LOCATION	335' FWL, 1550' FSL of Section		
SEC	25	TWSP	9s RGE 23w
COUNTY	Graham	STATE	Kansas
CONTRACTOR	Discovery Drilling Rig #1		
SPUD	8-15-2011	COMP	8-20-2011
RTD	3990'	LTD	3990'
MUD UP	3300'	TYPE MUD	Chemical
SAMPLES SAVED FROM	2000' TO RTD		
DRILLING TIME KEPT FROM	2000' TO RTD		
SAMPLES EXAMINED FROM	3400' TO RTD		
GEOLOGICAL SUPERVISION FROM	3570' to RTD		
GEOLOGIST ON WELL	Tim J. Lauer		

ELEVATIONS	KB 2419'
DF	
GL	2411'
Measurements Are All From	Kelly Bushing
CASING	
CONDUCTOR	
SURFACE	8-5/8" @ 265'
PRODUCTION	5-1/2" @ 3987'
ELECTRICAL SURVEYS	Log-Tech: DIL, DPL, ML, Sonic (Engr: Brett Becker)

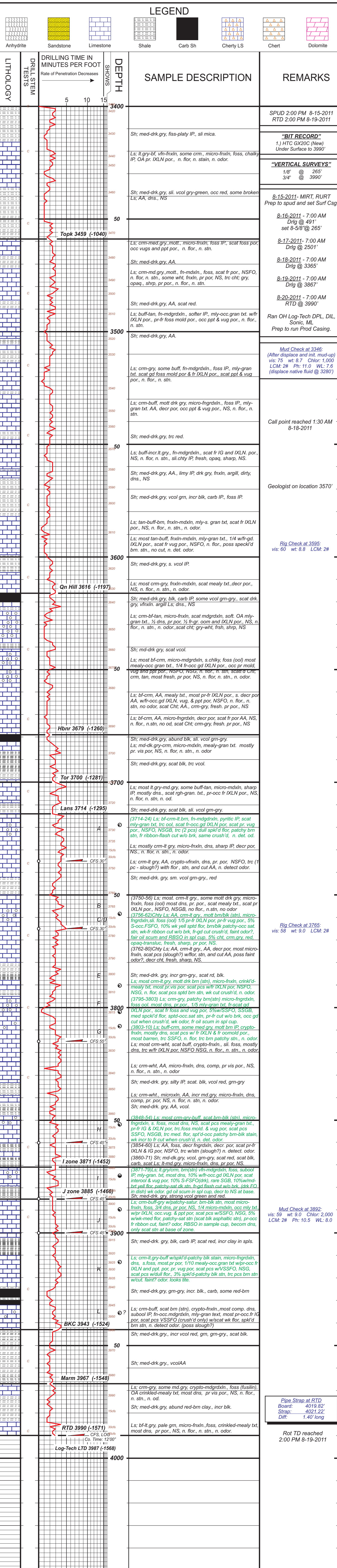
FORMATION TOPS	ELECTRIC LOG	SAMPLE LOG
Anhydrite	1996 (+423)	1990 (+429)
Topeka	3460 (-1041)	3459 (-1040)
Heebner	3680 (-1261)	3679 (-1260)
Toronto	3702 (-1283)	3700 (-1281)
Lansing	3715 (-1296)	3714 (-1295)
Base Ks. City	3944 (-1525)	3943 (-1524)
Total Depth	3987 (-1568)	3990 (-1571)



COMPANY & WELL: Sentinel Petroleum, Inc. #1 Gano
 LOCATION: 335' FWL, 1550' FSL of Section
 SEC 25 TWSP 9s RGE 23w
 COUNTY Graham STATE Kansas
 ELEVATIONS: KB 2419' GL 2411'

REMARKS: Due to sample shows and log calculations, operator elected to set production casing to further test the location.
 Respectfully submitted,
 Tim J. Lauer
 8/21/2011

Log template modified from Timothy G. Pierce



COMPANY & WELL	Sentinel Petroleum, Inc. #1 Gano	ELEVATIONS	KB 2419'
LOCATION	335' FWL, 1550' FSL of Section	GL	2411'
SEC	25 TWSP 9s RGE 23w		
COUNTY	Graham STATE Kansas		

Pipe Strap at RTD
 Board: 4019.82'
 Strap: 4021.22'
 Diff: 1.40' long

Rot TD reached
 2:00 PM 8-19-2011