



KANSAS CORPORATION COMMISSION 1096205
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 # 6143
Name: Somerset Energy, Inc.
Address 1: 16205 W 287TH ST
Address 2:
City: PAOLA State: KS Zip: 66071 + 8482
Contact Person: Lester Town
Phone: (913) 491-1717
CONTRACTOR: License # 6142
Name: Town Oil Company Inc.
Wellsite Geologist: NA
Purchaser:

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
 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 #:
4/26/2012 5/9/2012 9/9/2012
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-121-28990-00-00
Spot Description:
NW SW NE SE Sec. 20 Twp. 16 S. R. 24 East West
1740 Feet from North / South Line of Section
1080 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Miami
Lease Name: N. Hansen Well #: SW-2
Field Name:
Producing Formation: Peru
Elevation: Ground: 973 Kelly Bushing: 0
Total Depth: 442 Plug Back Total Depth: 10
Amount of Surface Pipe Set and Cemented at: 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 20 w/ 4 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 1500 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated
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: Deanna Gerrits Date: 10/11/2012



1096205

Operator Name: Somerset Energy, Inc. Lease Name: N. Hansen Well #: SW-2
 Sec. 20 Twp. 16 S. R. 24 East West County: Miami

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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Gamma Ray Neutron Completion Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Gamma Ray
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CASING RECORD <input checked="" 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
Surface	9	6.2500	10	20	Portland	4	50/50 POZ
completion	5.6250	2.8750	8	432	Portlan	68	50/50 POZ

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 (Amount and Kind of Material Used)	Depth
2	392.0-402.0 31 Perfs	Acid 500 gal. 7.5% HCL	

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs. 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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 39762
LOCATION Ottawa, KS
FOREMAN Care, Kennedy

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5/9/12	7823	North Hanson #SW-2	SE 20	16	24	M1
CUSTOMER Town Oil Company			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 116205 W. 287th St			481	Casken	CK	
CITY Paola			6666	Gac Moo	GM	
STATE KS			6000	DOORDOOR		
ZIP CODE 66071			548	Mikhaa	MH	

JOB TYPE Logging HOLE SIZE 5 7/8" HOLE DEPTH 442' CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 437' DRILL PIPE _____ TUBING pin - 432' OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 7/8" plug + 5'
DISPLACEMENT 2.51 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 5.6 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 100# Premium Gel followed by 10 bbls fresh water, mixed & pumped 68 sks 50/50 Pozmix cement w/ 2% gel per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to pin w/ 2.51 bbls fresh water, pressured to 800 PSI, well held pressure for 30 min MIT, shut in casing.

[Handwritten signature]

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1030.00
5406	30 mi	MILEAGE		120.00
5402	437'	casing footage		
5407	minimum	ton mileage		350.00
1124	68 sks	50/50 Pozmix cement		744.60
111813	214 #	Premium Gel		44.94
4402	1	2 1/2" rubber plug		28.00
			7.55%	SALES TAX
				ESTIMATED TOTAL
				2379.26

[Stamp: completed]

Form 6787

AUTHORIZATION No Co. Rep on location TITLE 249719 DATE _____

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

TOWN OIL COMPANY, INC.

"Drilling and Production"

16205 W 287th Street
Paola, Kansas 66071

Fax# 913-294-4823

PHONE: 913-557-5482
913-294-2125

WELL: N. Hansen SW-2

LEASE OWNER: Somerset Energy, Inc.

WELL LOG

Thickness of Strata	Formation	Total Depth
0-3	soil/clay	3
14	lime	17
46	shale	63
14	lime	77
9	shale	86
5	lime	91
13	shale	104
2	lime	106
22	sandy shale	128
14	lime	142
15	shale	157
26	lime	183
8	shale & slate	191
20	lime	211
4	shale & slate	215
2	lime	217
7	shale & slate	224
4	lime	228
4	shale/slate	232
16	sandy shale	248
16	shale	264
11	sandy shale	275
96	shale	371
3	shale	374
4	shale	378
4	sandy shale	382
6	sandy lime	388
11	sandy shale	399
5	sand	404
1	limey sand	405
15	sandy shale	420
4	lime	424
8	shale	432
3	lime	435
7	shale	442 TD