

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 6143

Name: Somerset Energy Inc

Address 16205 W. 287
Paola, KS. 66071

City/State/Zip _____

Purchaser: CMI

Operator Contact Person: Lester Town

Phone (913) 294-2125

Contractor: Name: COMPANY TOOLS

License: _____

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

5-30-99 6-1-99 6-1-99
Spud Date Date Reached TD Completion Date

API NO. 15- 121-27449 **ORIGINAL**

County Miami

NW-NE SW - Sec. 16 Twp. 16 Rge. 24 **E-**

2470 Feet from **(S)**N (circle one) Line of Section

3610 Feet from **(E)**W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, **(E)** NW or SW (circle one)

Lease Name Kuhn Well # S-105

Field Name Paola-Rantoul

Producing Formation NONE

Elevation: Ground _____ KB _____

Total Depth 495 PBDT _____

Amount of Surface Pipe Set and Cemented at 20 Ft.

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Ft.

If Alternate II completion, cement circulated from 0

feet depth to Surface w/ 3 SK C.

Drilling Fluid Management Plan PCA, 11-2-99 v.c.
(Data must be collected from the Reserve Pit)

Chloride content 1500-3000 ppm Fluid volume 80 bl

Dewatering method used used on lease

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for procedure). Confidentiality in excess of 12 months may be requested in writing and submitted with the form. One copy of all wireline logs and geologist well report shall be attached to this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature Lester Town

Title Partner Date 9-8-99

Subscribed and sworn to before me this 8th day of Sept, 19 99.

Notary Public Sanna Jean Barnhart

Date Commission Expires 4-25-2001

CONSERVATION DIVISION K.C.C. OFFICE USE ONLY WICHITA, KS		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other
(Specify)		

Operator Name Town Oil Co. Lease Name Kuhn Well # S-105

Sec. 16 Twp. 16 Rge. 24 East West
 county Miami

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See attached copy of log		
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E.Logs Run:				

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
Surface	9	6 1/4		20	Portland	3	

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 1/4/54 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>N-A</u>				

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Cemented (Specify)

Production Interval: _____

ORIGINAL

Well #S-105
 Farm: Kuhn
 Miami County, KS.
 Lease Owner: Somerset Energy Inc

WELL LOG

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total Depth</u>
0	Soil & clay	5
62	Lime	67
39	Shale	106
14	Lime	120
13	Shale	133
4	Lime	137
4	Shale	177
10	Lime	187
16	Shale	203
25	Lime	228
7	Shale & slate	235
21	Lime	256
4	Shale & slate	260
2	Lime	262
6	Shale & slate	268
7	Lime	275 Hertha
3	Shale	278
5	Lime shells	283
40	Shale	323
5	Sand	328
17	Sand	345
51	Sahey shale	396
30	Sandy shale	426
3	Slate	429
6	Dk. shale	435
4	Sand	439
4	Sandy shale	443
2	Lime shells	445
20	Sandy shale	465
8	Red bed	473
3	Shale	476
8	Lime	484
4	Shale	488
3	Slate	491
1	Shale	492
3	Lime	495 TD

