

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

5/29/09

Form ACO-1

September 1999

Form Must Be Typed

Operator: License # 33739
 Name: SEK Energy, LLC.
 Address: P.O. Box 55
 City/State/Zip: Benedict, Kansas 66714
 Purchaser: _____
 Operator Contact Person: Kerry King
 Phone: (620) 698-2150
 Contractor: Name: Thornton Air Rotary
 License: 33606
 Wellsite Geologist: Julie Shaffer

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, 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./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____

2/7/07 2/9/07 NA
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No. 15 - 205-27094-0000County: Wilson

NE NE SE Sec. 17 Twp. 30S S. R. 16 ☒ East ☐ West
2560 feet from (S) N (circle one) Line of Section
500 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SWLease Name: Bosch, David Well #: 1-17Field Name: Cherokee Basin CBMProducing Formation: Pennsylvanian CoalsElevation: Ground: 804' Kelly Bushing: _____Total Depth: 1097' Plug Back Total Depth: 1083'Amount of Surface Pipe Set and Cemented at 45 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 45
 feet depth to 0 w/ 8 sx cmt.

Drilling Fluid Management Plan Alt II NH10-28 28
 (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: _____ RECEIVED _____ No.:

Quarter _____ Sec. _____ Twp. S. ☐ East ☐ West

County: _____ Docket No.: _____

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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 confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with 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: Julie ShafferTitle: Geologist Date: 5-29-07Subscribed and sworn to before me this 29th day of May20 07Notary Public: George E. SlaughterDate Commission Expires: 4-1-2010

KCC Office Use ONLY

Y Letter of Confidentiality ReceivedIf Denied, Yes ☐ Date: _____☒ Wireline Log Received

Geologist Report Received

UIC Distribution

GEORGE E. SLAUGHTER
 Notary Public - State of Kansas
 My Appt. Expires

Operator Name: SEK Energy, LLC. Lease Name: Bosch, David Well #: 1-17
 Sec. 17 Twp. 30S S. R. 16 ☒ East ☐ West County: Wilson

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☒ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

List All E. Logs Run:

Density-Neutron, Dual Induction, Differential Temperature

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Lenapah Limestone	350'	+454'
Altamont Limestone	391'	+413'
Pawnee Limestone	512'	+292'
Oswego Limestone	597'	+207'
Verdigris Limestone	701'	+103'
Mississippi	1048 1/2'	-244 1/2'

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MAY 29 2007

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	11"	8 5/8"		45'	Portland	8	
Production	6 3/4"	4 1/2"	10.5	1083'	Thickset	130	See Attached

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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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
		RECEIVED	
		JUN 04 2007	
		KCC WICHITA	
TUBING RECORD	Size Set At Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
NA			
Date of First, Resumerd Production, SWD or Enhr. Waiting on pipeline	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 Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity		

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____



CONSOLIDATED OIL WELL SERVICES, LLC

REMIT TO
Consolidated Oil Well Services,
Dept. 1228
Denver, CO 80256

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
FAX 620/431-0012

INVOICE

Invoice # 211862

Invoice Date: 02/13/2007 Terms:

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S.E.K. ENERGY
P.O. BOX 55
BENEDICT KS 66714
(620)698-2150

BOSCH 1-17
16846
02-09-07

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Part Number	Description	Qty	Unit Price	Total
1126A	THICK SET CEMENT	130.00	15.4000	2002.00
1107	FLO-SEAL (25#)	33.00	1.9000	62.70
1118A	S-5 GEL/ BENTONITE (50#)	200.00	.1500	30.00
1111A	SODIUM METASILICATE	100.00	1.6500	165.00
1102	CALCIUM CHLORIDE (50#)	80.00	.6700	53.60
1123	CITY WATER	4200.00	.0128	53.76

Description	Hours	Unit Price	Total
T-63 WATER TRANSPORT (CEMENT)	3.00	100.00	300.00
436 80 BBL VACUUM TRUCK (CEMENT)	3.00	90.00	270.00
463 CEMENT PUMP	1.00	840.00	840.00
463 EQUIPMENT MILEAGE (ONE WAY)	40.00	3.30	132.00
502 TON MILEAGE DELIVERY	286.00	1.10	314.60

Co. Name	1099Def	G/L Account #
Fld Aprov/Date	Final Approv/Date	
Date Posted	Period Posted	Service Per
Batch #	Input Initials	
Paid/Checks	1267	Check Date 3-9-07
Well #	Cat #	Net Amount
2185	230	4372.80

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Parts: 2367.06 Freight: .00 Tax: 149.14 AR 4372.80
Labor: .00 Misc: .00 Total: 4372.80
Sublt: .00 Supplies: .00 Change: .00

Signed _____ Date _____

CONSOLIDATED OIL WELL SERVICES, LLC
P.O. BOX 884, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

TICKET NUMBER 16846

LOCATION Eureka

FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET

CEMENT															
DATE		CUSTOMER #		WELL NAME & NUMBER		SECTION		TOWNSHIP		RANGE		COUNTY			
2-9-07		1805		Barck 1-17								Wilson			
CUSTOMER															
SEK Energy															
MAILING ADDRESS															
P.O. Box 55															
CITY		STATE		ZIP CODE											
Benedict		KS		66714											
JOB TYPE		Longstring		HOLE SIZE		6 3/4"		HOLE DEPTH		1097'		CASING SIZE & WEIGHT			
CASING DEPTH		1083'		DRILL PIPE				TUBING				OTHER			
SLURRY WEIGHT		13.4°		SLURRY VOL		37.3861		WATER gal/sk		8°		CEMENT LEFT in CASING			
DISPLACEMENT		17.2861		DISPLACEMENT PSI		600		MIX PSI		1100 Bump Pk		RATE			
REMARKS: Safety Marking															

REMARKS: Safety Meeting. Rig up to 4 1/2" casing. Break Circulation w/ 20 bbl water. Pump 45k Gel-Flush, 58bbl water spacer, 208bbl metasilicate pre-Flush, 24bbl Dye water. Mixed 1300k Thick Set Cement w/ 14" Flocc @ 13.4" API. Wash out Pump + lines. Release Plug. Displace w/ 17.3 Bbl water. Final Pump Pressure 600 PSI. Bump Plug to 1100 PSI. Wait 2 mins. Release Pressure. Float + Plug Held. Good Cement to Surface = 78bbl Slurry to Pit.

Bob Caple

[illegible]

AUTHORIZATION witnessed by George

TITLE

DATE _____