

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # KLN-4976  
 Name: Southwest Operating Co.  
 Address: P O Box 25623  
 City/State/Zip: Overland Park KS 66210  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: Reid Scofield **RECEIVED**  
 Phone: (913) 451-2771 **FEB 06 2004**  
 Contractor: Name: Summit Drilling  
 License: KLN-30141 **KCC WICHITA**  
 Wellsite Geologist: Stephen Miller  
 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. \_\_\_\_\_  

<u>11-03-03</u>	<u>11-11-03</u>	<u>1-15-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. <sup>053</sup> 15-21118-0000  
 County: Ellsworth  
SW NW NW SE Sec. 12 Twp. 17 S. R. 9  East  West  
2310 2234 feet from (S) N (circle one) Line of Section  
2310 2430 feet from (E) W (circle one) Line of Section  
KCC WITHM/GPS (V)  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE (SE) NW SW  
 Lease Name: Osborn "Twin" Well #: 1  
 Field Name: \_\_\_\_\_  
 Producing Formation: \_\_\_\_\_  
 Elevation: Ground: 1788 Kelly Bushing: 1798  
 Total Depth: 2550 Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 346 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.  
ALT I WITHM 9-27-06  
**Drilling Fluid Management Plan**  
*(Data must be collected from the Reserve Pit)*  
 Chloride content 15000 ppm Fluid volume 1500 bbls  
 Dewatering method used evaporation  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: \_\_\_\_\_  
 Title: President Date: 2/6/04  
 Subscribed and sworn to before me this 4<sup>th</sup> day of FEBRUARY  
 20 04  
 Notary Public: \_\_\_\_\_  
 Date Commission Expires: 12/9/07

**KCC Office Use ONLY**

NO Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
YES Wireline Log Received  
YES Geologist Report Received  
 \_\_\_\_\_ UIC Distribution

**VIRGINIA M. JOHNSON**  
 Notary Public - State of Kansas  
 My Appt. Exp. 12/9/07

X

# ORIGINAL

Operator Name: Southwest Operating Co. Lease Name: Osborn "Twin" Well #: 1  
 Sec. 12 Twp. 17 S. R. 9  East  West County: Ellsworth

**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:

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Towanda	1402	+398
Grand Haven	2060	-262
Topeka	2452	-654
TD	2550	-752

Dual Induction, Dual Compensated Porosity  
 Sonic Cement Bond

**RECEIVED**  
**FEB 06 2004**  
**KCC WICHITA**

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	12 1/2	8 5/8	20	346	common	180	3%CL 2%gel
Production	7 7/8	4 1/2	10 1/2	2534	common	115	

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
2	2428-35	250 gal 15% hcl, 250 gal 15%hcl 15000# sand frac	2428
2	2174-78	250 gal 15% hcl	2174

TUBING RECORD	Size	Set At	Packer At	Liner Run
	21/2	2429	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
SIGW	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	0	NA	NA	

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other *(Specify)*

Production Interval Severy sand 2428-35  
Tarkio sand 2174-78

# ALLIED CEMENTING CO

KCO WIGHTS 22863  
**ORIGINAL**

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

SERVICE POINT: Forest Bend

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
11-10-03	12	17	9	3:00 pm	6:00 pm	10:30 am	11:40 pm
OSBORN-TWIN LEASE				WELL#	LOCATION	COUNTY	STATE
				(e one)	Frederick - West - 4 1/2	Elliptical	KS
				north - 1/2 East - north into			

Summitt Dr 19  
Long string

OWNER Southwest Operating

SIZE	DEPTH
CASING SIZE <u>7 7/8</u>	DEPTH <u>2550</u>
TUBING SIZE <u>4 1/2</u>	DEPTH <u>2534</u>
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>26'</u>
CEMENT LEFT IN CSG. <u>21'</u>	
PERFS.	
DISPLACEMENT <u>41 BBL's of Fresh Water</u>	

CEMENT  
AMOUNT ORDERED 115 SY HSC  
+ 500 gal wash water

EQUIPMENT	OPERATOR
PUMP TRUCK	CEMENTER <u>Jack</u>
# <u>420</u>	HELPER <u>F.O.</u>
BULK TRUCK	
# <u>341</u>	DRIVER <u>Don</u>
BULK TRUCK	
#	DRIVER

COMMON	<u>115 SY</u>	@ <u>9.00</u>	<u>1035.00</u>
POZMIX		@	
GEL		@	
CHLORIDE		@	
ASTUSH	<u>500 GAL</u>	@ <u>1.00</u>	<u>500.00</u>
HANDLING	<u>137.14</u>	@ <u>1.15</u>	<u>157.86</u>
MILEAGE	<u>137.14</u>	@ <u>40</u>	<u>274.00</u>
TOTAL			<u>1966.86</u>

REMARKS:

SERVICE

Run job of 4 1/2" casing - break case with mud pump case was cement case with 115 sy cement - Displace plug with 41 BBL's of Fresh water -

DEPTH OF JOB	<u>2534'</u>		
PUMP TRUCK CHARGE			<u>1130.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>40</u>	@ <u>3.50</u>	<u>140.00</u>
PLUG	<u>1-4 1/2" Rubber</u>	@ <u>48.00</u>	<u>48.00</u>
TOTAL			<u>1318.00</u>

CHARGE TO: Southwest Operating  
STREET P.O. Box 3123  
CITY Overland Park STATE KS ZIP 66210

<u>company supplied rest of float equip -</u>			
FLOAT EQUIPMENT			
1-4 1/2" insert	-	@ <u>210.00</u>	<u>210.00</u>
TOTAL			<u>210.00</u>

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
TOTAL CHARGE \_\_\_\_\_  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Tom Russell

Tom Russell  
PRINTED NAME