#### 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

Operator: License # 31725	API No. 15 - 051-25645-0000
Name: Shelby Resources, LLC	County: Ellis
Address: P.O. Box 1213	app -SW - NE - Sec. 21 Twp. 15 S. R. 17 East West
City/State/Zip: Hays, Kansas 67601	1711' feet from S //N (circle one) Line of Section
Purchaser:	2046' feet from (E) / W (circle one) Line of Section
Operator Contact Person: Brian Karlin	Footages Calculated from Nearest Outside Section Corner:
Phone: (785 ) 623-3290	(circle one) NE SE NW SW
Contractor: Name: Sterling Drilling Company	Lease Name: B. Leiker Well #: 1-21
License: 5142	Field Name: Degenhart
Wellsite Geologist: Keith Reavis	Producing Formation: D & A
Designate Type of Completion:	Elevation: Ground: 1959 Kelly Bushing: 1970
New Well Re-Entry Workover	Total Depth: 3670 Plug Back Total Depth:
Oil SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 1126 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Ory Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1126
Operator:	feet depth to surface w/ 450 sx cmt.
Well Name:	MP4 Pla → 1/15/00
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)  Chloride content 5100 ppm Fluid volume 200 bbls
Plug Back Plug Back Total Depth	1
Commingled Docket No	Dewatering method used transfer waste to reserve pit and let evaporate.
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
	Lease Name:License No.;
5-01-2007	Quarter Sec Twp S. R East _ West
Recompletion Date    Date Heached 15   Completion Date of Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, wer or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.  12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	, , , , , , , , , , , , , , , , , , , ,
Signature: Fruan Karlin	KCC Office Use ONLY
Title: Operations Manager Date: 11-27-2007	Letter of Confidentiality Received
Subscribed and sworn to before me this <u>47</u> day of <u>Novemb</u>	If Denied, Yes Date:RECEIVED
	Wireline Log Received KANSAS CORPORATION COMMISSION
20.07	Geologist Report Received
Notary Public NOTAR	FISCHER VPUBLIC UIC Distribution NOV 2 9 2007
Date Commission Expires Que 18, 2017 My Appt. Exp	EKANSAS 6-78-77 CONSERVATION DIVISION
	WICHITA, KS

Operator Name: Shelt	y Resources, LLC	<del></del>		Lease	Name:	3. Leiker		Well #:	<u> </u>		
Sec Twp	S. R. <u>17</u>	Eas	st 🗸 West		y: Ellis						
INSTRUCTIONS: Shot tested, time tool open temperature, fluid reco	and closed, flowin overy, and flow rate	g and shu es if gas to	t-in pressures, surface test, a	whether si along with t	hut-in pre	ssure reached	static level, hyd	rostatic pressu	res, bottor	n hole	
Drill Stem Tests Taken  ✓ Yes No  (Attach Additional Sheets)				<b></b> ✓L	og Forma	ion (Top), Depth	h and Datum Sample		Sample		
Samples Sent to Geological Survey   ✓ Yes   No				Name Topeka Lime					Datum 1001		
Cores Taken Yes ✓ No		∕es 🗸 No		Heebner Shale			3228		-1258		
Electric Log Run			Toronto Lime			3247 -1277		1277			
(Submit Copy)			Lans./KC				3273 -1303		1303		
List All E. Logs Run:				Base KC			3518 -1548		548		
Compensated Dual Induction	•	utron, \$	Sonic, Mic	ro, &	Arbu	ckle		3571	-1	601	
į		Done	CASING ort all strings set-	RECORD	✓ Ne		stian at-				
Purpose of String	Size Hole	Si	ze Casing	Wei	ight	Setting	Type of	# Sacks		and Percent	
	Drilled		et (In O.D.)	Lbs.	/ Ft.	Depth	Cement	Used	Additives		
Surface Pipe	12-1/4"	8-5/8"		23#		1126'	Common	450	3% CC	, 2% gel	
		<u></u>									
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECOR	D	1			
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD  —— Plug Off Zone	Depth Top Bottom	Type of Cement		#Sacks	Used	Type and Percent Additives					
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					
								ECEIVED PORATION COM	MISSION		
								V 2 9 2007			
	·				***			RVATION DIVISION WICHITA, KS	W.		
TUBING RECORD Size Set At Packer At					Liner Run						
Date of First, Resumerd	Production, SWD or E	Enhr.	Producing Met	-	Flowing	] Pump			er (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	r E	Bbls.	Gas-Oil Ratio	. ,	Gravity	
Disposition of Gas	METHOD OF (	COMPLETIC	NC.	<u>L</u>		Production Inte	rval				
Vented Sold	Used on Lease		Open Hole	Perf	. 🗀 🗈						

### SHELBY RESOURCES, LLC

P.O. Box 1213 Hays, Kansas 67601

#### **B. LEIKER #1-21**

1711' FNL & 2046' FEL of 21-15S-17W Ellis County, Kansas

DST #1:

3436-3473' (LKC "I")

15-45-60-60

240' gas in pipe, Rec:

10' oil,

70' oil cut mud.

IFP: 31-43# FFP: 61-61#

SIP: 229-123#

HP: 1550-1548#. BHT: NA

DST #2:

3574-3588' (Arbuckle)

15-45-45-60

Rec: 80' drilling mud.

IFP: 39-57# FFP: 52-77# **BHT: 107** 

SIP:

1189-1127#

HP: 1817-1738#.

> **RECEIVED** KANSAS CORPORATION COMMISSION

> > NOV 2 9 2007

CONSERVATION DIVISION WICHITA, KS

## Sterling Drilling Company, Rig #2

Box 1006, Pratt, Kansas 67124-1006 Office Phone (620) 672-9508, Fax 672-9509

#### SAMPLE LOG

#### B. Leiker 1-21

LOCATION:

Sw Ne

Section 21 R 17w

API:

01-051-25645-00-00

Ellis County, Kansas

T 15s

**OWNER:** Shelby Resources, LLC

**COMMENCED:** 

05/01/07

**CONTRACTOR:** Sterling Drilling Company, Rig #2

**COMPLETED:** 

05/10/07

TOTAL DEPTH:

3670 FEET

**Ground Elevation:** 

1959

DRILLER LOGGER

FEET 3667

**KB Elevation:** 

1970

LOG

0 -3 FEET

**Top Soil** 

260 FEET 3 -260 -1122 FEET Shale, Sand & Gravel, Clay

Redbeds

1122 -

1160 FEET 2360 FEET **Anhydrite** 

1160 -

3567 FEET

**Shales and Salt** 

2360 -3567 -

3670 FEET

Limestone/Shales Arbuckle

#### CASING RECORDS

#### Surface Casing:

Spud at 9:15 pm on 05/01/07. Drilled 12-1/4" hole to 1127'. Ran 28 joints of new 23# 8-5/8" surface casing tally 1113.57' set at 1126' KB. Cemented with 450 sks Common, 3% CC, 2% Gel. Cement did circulate. Allied Cementing ticket #21379.

#### Plugging Data:

Plugging orders received from Pat Staab on 0508/07. Heavy mud in hole. Bottom plug at 3547' w/25 sks, 2nd plug at 1142' w/25 sks, 3rd plug at 449' w/80 sks, top plug at 60' w/10 sks cemented to surface. Plugged rathole with 15 sks, mousehole 10 sks. Cement was 60/40 Poz; 6% Gel & 1/4#/sk Flow Seal. Plug down at 2:15 pm on 05/08/07. Allied Cementing ticket # 21357. Reported plugging to KCC on 05/09/07.

**DEVIATION SURVEYS** 

3/4 degree(s) at

3/4 degree(s) at

feet feet

1127

3473

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NOV 2 9 2007

CONSERVATION DIVISION WICHITA, KS

# FALLIED CEMENTING CO., INC.

21387

Federal Tax I.D. REMIT TO P.O. BOX 31 SERVICE POINT: **RUSSELL, KANSAS 67665** fussell SEC TWP. RANGE CALLED OUT ON LOCATION JOB START JOB FINISH DATE 3-807 LEASE BLAKER WELL# 1-21 LOCATION U. Ctora 754WS OLDOR NEW (Circle one) CONTRACTOR **OWNER** TYPE OF JOB Potent Place 3670' **HOLE SIZE CEMENT** T.D. AMOUNT ORDERED 165 6940 6966 1476 **CASING SIZE** DEPTH **TUBING SIZE** DEPTH DRILL PIPE **DEPTH** TOOL **DEPTH** PRES. MAX @ 11-12 99 MINIMUM COMMON MEAS. LINE **SHOE JOINT** طاطا POZMIX CEMENT LEFT IN CSG. **GEL** PERFS. CHLORIDE @ **DISPLACEMENT** ASC\_ @ FLOGERI **EOUIPMENT** @ PUMP TRUCK CEMENTER\_Craia HELPER Agricon 409 **@ BULK TRUCK DRIVER DRIVER** HANDLING 173 MILEAGE \_\_\_\_ **REMARKS: SERVICE** <del>50</del>54 DEPTH OF JOB OSK Morsehole PUMP TRUCK CHARGE 556 the hold EXTRA FOOTAGE @ b 000 MILEAGE MANIFOLD \_ @ RECEIVED KANSAS CORPORATION COMMISSION CHARGE TO: Shelby NOV 2 9 2007 TOTAL 1105 00 STREET \_\_\_\_ CONSERVATION DIVISION WICHITA, KS

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ STATE \_\_\_\_\_ ZIP\_\_\_\_

CITY

# ALLIED CEMENTING CO., INC. 21379

Federal Tax I.D.#

SERVICE POINT: REMIT TO P.O. BOX 31 **RUSSELL, KANSAS 67665** JOB START

1). 000.M

COUNTY CALLED OUT ON LOCATION RANGE DATE \$ 2-07 LOCATION S. Victoria 7 miles 4 W LEASE B- LE: KEL WELL # 1-21 OLD OR NEW (Circle one) OWNER TYPE OF JOB **CEMENT** T.D. 112 **HOLE SIZE** AMOUNT ORDERED 450 com 39/00 CASING SIZE タダル 23# DEPTH 112657 DEPTH **TUBING SIZE DEPTH** DRILL PIPE TOOL **DEPTH** COMMON\_\_\_ 450 PRES. MAX **MINIMUM** SHOE JOINT 3244 POZMIX MEAS. LINE CEMENT LEFT IN CSG. 3244 GEL CHLORIDE ASC DISPLACEMENT **EOUIPMENT** CEMENTER \_\_\_\_\_\_\_ PUMP TRUCK # 409 **BULK TRUCK** DRIVER 362 **BULK TRUCK** DRIVER HANDLING 472 MILEAGE \_\_\_\_\_ SERVICE DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD \_\_\_ RECEIVED KANSAS CORPORATION COMMISSION NOV 2 9 2007 TOTAL JVS STREET \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

CONSERVATION DIVISION