

CONFIDENTIAL

ORIGINAL

3/09/11

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4767
 Name: Ritchie Exploration, Inc.
 Address 1: P.O. Box 783188
 Address 2: _____
 City: Wichita State: KS Zip: 67278 + 3118
 Contact Person: Craig Caulk
 Phone: (316) 691-9500
 CONTRACTOR: License # 33575
 Name: WW Drilling, LLC **CONFIDENTIAL** MAR 09 2009
 Wellsite Geologist: Mike Engelbrecht **KCC**
 Purchaser: _____
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 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. Conv. to SWD
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____
12/1/08 12/6/08 12/7/08
 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 179-21215-0000
 Spot Description: 15' S & 25' W of
 C E/2 NW SE Sec. 1 Twp. 8 S. R. 27 East West
1965 Feet from North / South Line of Section
1675 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Sheridan
 Lease Name: Selenke 1D Well #: 1
 Field Name: _____
 Producing Formation: _____
 Elevation: Ground: 2609 Kelly Bushing: 2614
 Total Depth: 4080 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at: 259 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/ PAT-Dlg - 4/20/09 ^{sx cmf.}

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content: 12000 ppm Fluid volume: 950 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: Craig Caulk
 Title: Geologist Date: 3/9/09
 Subscribed and sworn to before me this 9th day of March
20 09
 Notary Public: Debra K Phillips
 Date Commission Expires: 5-4-11

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

DEBRA K. PHILLIPS
 Notary Public - State of Kansas
 My Appt. Expires 5-4-11

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Operator Name: Ritchie Exploration, Inc. Lease Name: Selenke 1D Well #: 1
 Sec. 1 Twp. 8 S. R. 27 East West County: Sheridan

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 <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 <i>(Submit Copy)</i> List All E. Logs Run: Radiation Guard Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum <input checked="" type="checkbox"/> SEE ATTACHED <div style="text-align: center;"> KCC MAR 09 2009 CONFIDENTIAL </div>
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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	12-1/4	8-5/8	23	259	common	180	3%cc, 2%gel

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

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TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes 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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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#1 Selenke 1D

1965' FSL & 1675' FEL

15' S & 25' W of C E/2 NW SE Section 1-8S-27W

Sheridan County, Kansas

API# 15-179-21215-00-00

Elevation: 2609' GL, 2614' KB

<u>Sample Tops</u>			<u>Ref.</u> <u>Well</u>
Anhydrite	2267'	+347	+5
B/Anhydrite	2302'	+312	+5
Heebner	3775'	-1161	+13
Lansing	3816'	-1202	+14
Muncie Shale	3932'	-1318	+14
Lansing "J"	3986'	-1372	+12
BKC	4037'	-1423	+13
RTD	4080'	-1466	

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March 9, 2009

State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

RE: #1 Selenke ID # 1
Sec. 1-8S-27W
Sheridan County, Kansas

To Whom It May Concern:

Enclosed please find an ACO-1 for the above referenced well. The required attachments have also been enclosed. Ritchie Exploration, Inc. would like for this to be held ~~confidential~~ for the maximum allowable time.

If you have any questions, please feel free to call the undersigned or Craig Caulk at 316-691-9500. Thank you for all of your help in this matter.

Sincerely,

Debbie Phillips
Accounting Supervisor

dkp

Enclosures

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ALLIED CEMENTING CO., LLC. 34816

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

SERVICE POINT:

Russell

DATE <i>12-1-08</i>	SEC. <i>1</i>	TWP. <i>8</i>	RANGE <i>22</i>	CALLED OUT	ON LOCATION	JOB START <i>8:18 PM</i>	JOB FINISH <i>8:39 PM</i>
LEASE <i>Selenex</i>		WELL # <i>1D-1</i>	LOCATION <i>Studdy Ks. 4w 2N 1W</i>		COUNTY <i>SHERIDAN</i>	STATE <i>KANSAS</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<i>1 1/2 x 2 1/2 INTO</i>					

CONTRACTOR *W-W DALG. Rig # 4* OWNER _____

TYPE OF JOB *SURFACE*

HOLE SIZE *12 1/4* T.D. *260* CEMENT _____

CASING SIZE *8 5/8 New* DEPTH *260'* AMOUNT ORDERED *180cs Com.*

TUBING SIZE *23#* DEPTH _____ *38cc*

DRILL PIPE DEPTH _____ *270 GEL*

TOOL DEPTH _____

PRES. MAX MINIMUM _____

MEAS. LINE SHOE JOINT _____

CEMENT LEFT IN CSG *20'*

PERFS. _____

DISPLACEMENT *15-28 / 38L*

EQUIPMENT

PUMP TRUCK CEMENTER *Glenn Gary*

398 HELPER *Mike*

BULK TRUCK _____

378 DRIVER *Rocky Hilde*

BULK TRUCK _____

DRIVER _____

COMMON *180* @ *13.50* *2430.00*

POZMIX @ _____

GEL *3* @ *20.25* *60.75*

CHLORIDE *6* @ *51.50* *309.00*

ASC @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING *189* @ *2.25* *425.25*

MILEAGE *10.5k/mile* *995.00*

TOTAL *4170.00*

REMARKS:

Rem 6 JD 8 5/8 CSG. weld all

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ *991.00*

EXTRA FOOTAGE @ _____

MILEAGE - *50* @ *7.00* *350.00*

MANIFOLD @ _____

_____ @ _____

_____ @ _____

TOTAL *1341.00*

CHARGE TO: *PITCHIE EXPLORATION INC.*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME *Rodney Roberts*

SIGNATURE *Rodney Roberts*

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

ALLIED CEMENTING CO., LLC. 043981

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

SERVICE POINT:
Dakota KS

DATE <u>12-7-08</u>	SEC. <u>1</u>	TWP. <u>8S</u>	RANGE <u>27W</u>	CALLED OUT	ON LOCATION <u>3:30am</u>	JOB START <u>8:00am</u>	JOB FINISH <u>9:00am</u>
LEASE <u>Selenke</u>	WELL# <u>10 #1</u>	LOCATION <u>Studley Sw-2W</u>			COUNTY <u>Shenandoah</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>100-1W-4W</u>					

CONTRACTOR W&W #4 OWNER _____

TYPE OF JOB P7A

HOLE SIZE 7 7/8 T.D. 4080' CEMENT

CASING SIZE _____ DEPTH _____ AMOUNT ORDERED 205 60140

TUBING SIZE _____ DEPTH _____ 4080' 14# 10-5 seal

DRILL PIPE 4 1/2 DEPTH 2210'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____ COMMON 123 @ 15.45 1900.35

MEAS. LINE _____ SHOE JOINT _____ POZMIX 82 @ 8.00 656.00

CEMENT LEFT IN CSG. _____ GEL 7 @ 20.00 145.00

PERFS. _____ CHLORIDE _____ @ _____

DISPLACEMENT _____ ASC _____ @ _____

EQUIPMENT 10-5 seal 51# @ 2.50 127.50

PUMP TRUCK CEMENTER Fuzz4

431 HELPER Kelly

BULK TRUCK _____ @ _____

377 DRIVER Alvin

BULK TRUCK _____ @ _____

_____ DRIVER _____

HANDLING 214 @ 2.40 513.60

MILEAGE .10 x 5K4 mile 117.00

TOTAL 4520.05

REMARKS:

25 sks @ 2270'

100 sks @ 1410'

40 sks @ 300'

10 sks @ 40' w/ solid bridge

30 sks @ RH

Subcomplete @ 8:45am

Thanks Fuzz4 crew

CHARGE TO: Machine Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1570

PLUG & FLOAT EQUIPMENT

1.891 plug @ _____ 40.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 40.00

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Gary Fisher

SIGNATURE Gary Fisher

KCC
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KCC WICHITA

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