

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33186
Name: LB Exploration, Inc.
Address 1: 2135 2nd Road
Address 2: _____
City: Holyrood State: KS Zip: 67450 + _____
Contact Person: Michael Petermann
Phone: (785) 252-8034
CONTRACTOR: License # 33724
Name: Warren Drilling, LLC
Wellsite Geologist: James C. Musgrove
Purchaser: _____

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW
☐ 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.: _____
12/15/2006 12/30/2006 P4A 12/30/06
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 053-21196-0000
Spot Description: 70' East and 260' South
____ W/2 - SE Sec. 7 Twp. 17 S. R. 10 ☐ East ☒ West
1060 Feet from ☐ North / ☒ South Line of Section
1910 Feet from ☒ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☐ SW
County: Ellsworth
Lease Name: Petermann 7 Well #: 1
Field Name: Kraft-Prusa
Producing Formation: _____
Elevation: Ground: 1877' Kelly Bushing: 1883'
Total Depth: 3425' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 648 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/ _____

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 4500 ppm Fluid volume: 1000 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: Pres. Date: 7/13/09
Subscribed and sworn to before me this 13th day of July, 2009.
Notary Public: Janell M. Hubbard
Date Commission Expires: 6-13-11



KCC Office Use ONLY

N

Letter of Confidentiality Received

If Denied, Yes ☐ Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: LB Exploration, Inc. Lease Name: Petermann 7 Well #: 1
 Sec. 7 Twp. 17 S. R. 10 ☐ 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:

**dual compensated porosity, dual induction,
 microresistivity, borehole compensated sonic**

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

Name Top Datum
 see attached

CASING RECORD ☒ New ☐ 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#	648'	common	450 sx	3% cc 2% gel

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 (Amount and Kind of Material Used)	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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 Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	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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LB **Exploration**

2135 2nd Road Holyrood KS 67450 785-252-8034 lbexploration@hbcomm.net

I am unable to locate our copies of the electric logs on the Petermann 7-1. I will submit them when I am able.

Best regards,
Michael Petermann

RECEIVED
JUL 15 2007
KCC WICHITA

ALLIED CEMENTING CO., INC.

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

26560
SERVICE POINT: M.B.

DATE <u>12-30-06</u>	SEC <u>7</u>	TWP. <u>17</u>	RANGE <u>10</u>	CALLED OUT <u>7:00 AM</u>	ON LOCATION <u>8:00 AM</u>	JOB START <u>5:00 AM</u>	JOB FINISH <u>7:00 AM</u>
LEASE <u>Petermann</u>		WELL <u>7 #1</u>	LOCATION <u>K 4 + B.T. + Rice Co line</u>			COUNTY <u>Ellsworth</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)			<u>6N 2E N1S</u>				

CONTRACTOR <u>Warren Rig #10</u>	OWNER
TYPE OF JOB <u>Rotary Plug</u>	
HOLE SIZE	T.D. <u>3425 ft</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>3"</u>	DEPTH <u>3355 ft</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Mike M.</u>
# <u>120</u>	HELPER <u>Drandon R.</u>
BULK TRUCK	
# <u>312</u>	DRIVER <u>Steve T.</u>
BULK TRUCK	
#	DRIVER

REMARKS:

35 ft at 3355 ft
35 ft at 1350 ft
35 ft at 1050 ft
35 ft at 700 ft
25 ft at 60 ft
15 ft at R.H.

CEMENT		
AMOUNT ORDERED	<u>180 60/40 46 gal</u>	
COMMON	<u>108</u>	@ <u>10.65</u> <u>1150.20</u>
POZMIX	<u>72</u>	@ <u>5.80</u> <u>417.60</u>
GEL	<u>7</u>	@ <u>16.65</u> <u>116.55</u>
CHLORIDE		@
ASC		@
		@
		@
		@
		@
		@
		@
		@
HANDLING	<u>187</u>	@ <u>1.90</u> <u>355.30</u>
MILEAGE	<u>187.9.22</u>	<u>370.26</u>
TOTAL		<u>2409.91</u>

SERVICE

DEPTH OF JOB	<u>3355 ft</u>
PUMP TRUCK CHARGE	<u>955.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>22</u> @ <u>6.00</u> <u>132.00</u>
MANIFOLD	@
	@
	@

CHARGE TO: L.B. Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1087.00

PLUG & FLOAT EQUIPMENT

	@
	@
	@

Thank
you
[Signature]

To Allied Cementing Co., Inc.

ALLIED CEMENTING CO., INC.

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

SERVICE POINT: 26351
Great Bend KS

DATE 12-16-06	SEC 7	TWP. 17	RANGE 10 W	CALLED OUT 5:00 AM.	ON LOCATION 7:00 AM.	JOB START 7:15 AM.	JOB FINISH 8:15 AM.
LEASE Petermann	WELL # 2-1	LOCATION Claflin 2E 4N			COUNTY Ellsworth	STATE KS,	
OLD OR NEW (Circle one) <u>NEW</u>			1 1/2 E 1/4 INTO				

CONTRACTOR Warren #10
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 649
 CASING SIZE 8 5/8 DEPTH 648
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH 649
 TOOL DEPTH
 PRES. MAX 300 PSI MINIMUM —
 MEAS. LINE SHOE JOINT 20 FT
 CEMENT LEFT IN CSG. 20 FT
 PERFS.
 DISPLACEMENT Fresh Water 40 BBLS,

EQUIPMENT

PUMP TRUCK CEMENTER David W. Rick H.
 # 120 HELPER JD. D
 BULK TRUCK
 # 357 DRIVER David W.
 BULK TRUCK
 # DRIVER

REMARKS:

Pipe on Bottom Break Circ
Pump 450 SX A + 3% CC 2% Gel
Shut Down Release Plug
Displace w/ Fresh Water
40 BBLS, Shut in Cement
did pipe wash up Rig Down

OWNER LB Exploration

CEMENT
 AMOUNT ORDERED 450 SX Common
3% CC 2% Gel

COMMON	<u>450 M</u>	@	<u>10.65</u>	<u>4792.50</u>
POZMIX		@		
GEL	<u>9 M</u>	@	<u>16.65</u>	<u>149.85</u>
CHLORIDE	<u>17 M</u>	@	<u>46.60</u>	<u>652.40</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>473 M</u>	@	<u>1.90</u>	<u>898.70</u>
MILEAGE	<u>473 M</u>	@	<u>22</u>	<u>936.54</u>
TOTAL				<u>7429.99</u>

SERVICE

DEPTH OF JOB	<u>648</u>		
PUMP TRUCK CHARGE			<u>815.00</u>
EXTRA FOOTAGE	<u>348'</u>	@	<u>65</u> <u>226.20</u>
MILEAGE	<u>22</u>	@	<u>6.00</u> <u>132.00</u>
MANIFOLD	<u>Head Rent</u>	@	<u>100.00</u> <u>100.00</u>
		@	
		@	

CHARGE TO: LB Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 1273.26

PLUG & FLOAT EQUIPMENT

1-Rubber Plug	@	<u>100.00</u>	<u>100.00</u>
	@		
	@		