



KANSAS CORPORATION COMMISSION 1104978
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33186
Name: LB Exploration, Inc.
Address 1: 2135 2ND RD
Address 2:
City: HOLYROOD State: KS Zip: 67450 + 9021
Contact Person: Michael Petermann
Phone: (785) 252-8034
CONTRACTOR: License # 34541
Name: Ninnescah Drilling LLC
Wellsite Geologist: Kurt Talbott
Purchaser:

Designate Type of Completion:

- New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.):

If Workover/Re-entry: Old Well Info as follows:

Operator: TXO
Well Name: Spriggs C #1
Original Comp. Date: 5/6/1989 Original Total Depth: 4802
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: Plug Back Total Depth
 Commingled Permit #:
 Dual Completion Permit #:
 SWD Permit #:
 ENHR Permit #:
 GSW Permit #:

12/11/2011	12/14/2011	12/20/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-22239-00-01
Spot Description:
S2 SW Sec. 25 Twp. 33 S. R. 13 East West
660 Feet from North / South Line of Section
1320 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barber
Lease Name: Spriggs A Well #: 1
Field Name:
Producing Formation: Mississippi
Elevation: Ground: 1580 Kelly Bushing: 1593
Total Depth: 5104 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 383 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.

Drilling Fluid Management Plan

(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: License #:
Quarter Sec. Twp. S. R. East West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date:
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 12/19/2012



1104978

Operator Name: LB Exploration, Inc.

Lease Name: Spriggs A

Well #: 1

Sec. 25 Twp. 33 S. R. 13 East West

County: Barber

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets)

Log Formation (Top), Depth and Datum Sample

Samples Sent to Geological Survey Yes No

Name Top Datum
Mississippi 4580 -2987

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
(If no, Submit Copy)

List All E. Logs Run:

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

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: Yes No

Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift 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:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify)	

Form	ACO1 - Well Completion
Operator	LB Exploration, Inc.
Well Name	Spriggs A 1
Doc ID	1104978

All Electric Logs Run

Dual Compensated Porosity
Dual Induction
Microresistivity
Borehole Compensated Sonic

BASIC

energy services, L.P.

TREATMENT REPORT

Customer	LB Exploration	Lease No.		Date	10-14-11
Lease	Spring	Well #	A-1		
Field Order #	5473	Station	Peat	County	Baker
Type Job	CNW Ownd	Formation		State	KS
		Casing	5 7/8"	Depth	510'
				Legal Description	25-33-13

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	165	Annul	Pre Pad	RATE	PRESS	ISIP
Depth	Depth	From	To	Pad	504	Min		5 Min.
Volume	Volume	From	To	Frac	60/40 PCE	Avg		10 Min.
Max Press	Max Press	From	To	Flush	173.4	HHP Used		15 Min.
Well Connection	Annulus Vol.	From	To			Gas Volume		Annulus Pressure
Plug Depth	Packer Depth	From	To					Total Load

Customer Representative	Michael Patterson	Station Manager	Dave S...	Treater	Steve O...
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Service Units	Driver Names	Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
07283	Owens	3:30 PM					On location - Safety Meeting
17288	Mitchell						Run 121 fts 5" casing @ 510.7'
19765	Patterson						Centralize 1-2-4-6-8-10-11-12-14
19830	Patterson						Backlog on casing 12 31' 13'
19860							Casing on bottom 13' 4' casing
		8:00	350		20	5	Rotate casing
		8:05	350		17	5	pump 2 sbbl KCL H2O
		8:10	300		5	5	pump 1 sbbl mud slurry
		8:55	300		45	5	pump sbbl H2O
							Mix 165 lbs AA @ 14.8"/gal
							Shut Down - Clear pump line
		10:08	400		0	6	Release plug - Start H2O w/ KCL
		10:23	400		90	6	L.S. pressure
		10:25	600		110	5	Slow Rate - Stop Rotate
		10:38	800		126	4	Displacement to Ballis plug not done
		10:50	1000			4	Pump 200 lbs AA Release Ballis
			300				Run Rotates - Check H2O w/ plug
							Pressure Tool Truck Not-OK
							Switch valve on well head
		11:00			611		Plug H2O w/ 50 lbs 60/40 PCE
							Job Complete
							Travis Stev