



KANSAS CORPORATION COMMISSION 1066633
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 # 33306
Name: Blake Exploration, LLC
Address 1: 201 S MAIN
Address 2: PO BOX 150
City: BOGUE State: KS Zip: 67625 + _____
Contact Person: MIKE DAVIGNON
Phone: (785) 421-2921
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: MIKE DAVIGNON
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: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 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 #: _____

<u>07/02/2011</u>	<u>07/09/2011</u>	<u>08/20/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-109-21005-00-00

Spot Description: _____
SW SW NE SE Sec. 8 Twp. 13 S. R. 33 East West
1634 Feet from North / South Line of Section
1178 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Logan

Lease Name: BERKGREN 'B' Well #: 1

Field Name: _____

Producing Formation: LKC

Elevation: Ground: 2981 Kelly Bushing: 2991

Total Depth: 4600 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 228 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2353 Feet

If Alternate II completion, cement circulated from: 0

feet depth to: 2353 w/ 165 sx cmf.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 1000 ppm Fluid volume: 6 bbls

Dewatering method used: Evaporated

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 Gorbis Date: 11/09/2011



1066633

Operator Name: Blake Exploration, LLC Lease Name: BERKGREN 'B' Well #: 1
 Sec. 8 Twp. 13 S. R. 33 East West County: Logan

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 <input checked="" type="checkbox"/> Yes <input 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: DUAL DENSITY DUAL INDUCTION	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>ANHYDRITE</td> <td>2435</td> <td>+556</td> </tr> <tr> <td>HEEBNER</td> <td>3865</td> <td>-874</td> </tr> <tr> <td>LANSING</td> <td>3912</td> <td>-920</td> </tr> <tr> <td>STARK</td> <td>4145</td> <td>-1164</td> </tr> <tr> <td>JOHNSON ZONE</td> <td>4480</td> <td>-1488</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4548</td> <td>-1557</td> </tr> </tbody> </table>	Name	Top	Datum	ANHYDRITE	2435	+556	HEEBNER	3865	-874	LANSING	3912	-920	STARK	4145	-1164	JOHNSON ZONE	4480	-1488	MISSISSIPPIAN	4548	-1557
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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	10.25	8.675	23	228	COM	165	
PRODUCTION	7.875	4.5	10.5	4600	OWC	200	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-2353	POZ	400	

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
4	4118-4124	1500G 20%MCA	
4	4085-4091		

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4120</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>09/25/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbbs. <u>50</u>	Gas Mcf <u>10</u>	Water Bbbs. <u>10</u> Gas-Oil Ratio _____ Gravity <u>34</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8576

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 28063

LOCATION Oshtemo MS

FOREMAN Mike Shaw
Walt Dunkel

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-2-11	1487	Berkgren 'B' #1	8	13S	33W	Lesawco MS
CUSTOMER <u>Blake Exploration</u>			Munroe 12S 1/2 East			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			463	Josh G		
STATE			439	Damon M.		
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 228 CASING SIZE & WEIGHT 8 5/8" / 23#
 CASING DEPTH 227.79 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL 40 bbls WATER gal/sk _____ CEMENT LEFT in CASING 15/20'
 DISPLACEMENT 13 1/4 bbls DISPLACEMENT PSI 150 MIX PSI _____ RATE 5 bbl/min

REMARKS: Safety meeting high on martin #22 recirculate 8 5/8 casing
m. rd 105 cam 38 CC 2% gel displaced 13 1/4 bbls @ 150 psi

Thank you
Mike & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405	1	PUMP CHARGE	1025. ⁰⁰	1025. ⁰⁰
5406	20	MILEAGE	5. ⁰⁰	100. ⁰⁰
11045	1165 S4s	Class A Cement	16. ⁸⁰	2772. ⁰⁰
1102	465	Calcium Chloride	.84	390. ⁰⁰
1118B	310	Bentonite	.24	74. ⁰⁰
5407	776 Ton	Ton mileage delivery	1.58	410. ⁰⁰
		<u>Cement & Bentonite</u>		
			Subtotal	4772. ⁰⁰
			less 158 dis	- 715. ⁵⁰
				4,056. ⁵⁰
		<u>242552</u>		
		<u>7.88</u>	SALES TAX	214. ¹⁶
			ESTIMATED TOTAL	4270. ⁸⁷

Rev. 3737

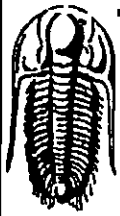
AUTHORIZATION Kelly Wilson

TITLE PUSHER

DATE 7-2-11

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Blake Exploration, LLC
 PO Box 150
 Bogue, KS 67625
 ATTN: Mike Davignon

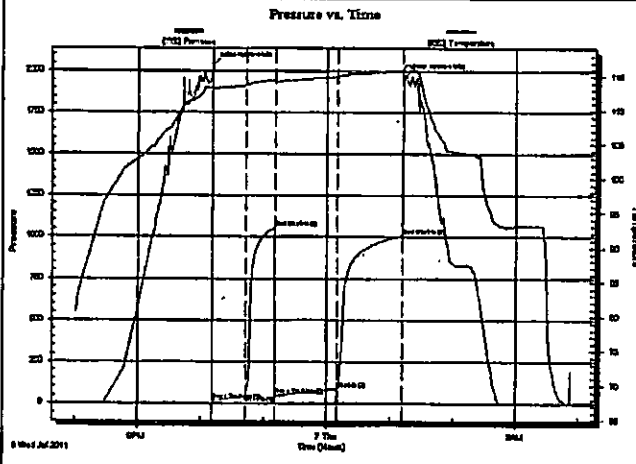
Berkgren B #1
 8 13s 33w Logan KS
 Job Ticket: 042238 DST#: 1
 Test Start: 2011.07.06 @ 20:01:00

GENERAL INFORMATION:

Formation: LKC H
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 22:11:15
 Time Test Ended: 03:53:00
 Interval: 4060.00 ft (KB) To 4100.00 ft (KB) (TVD)
 Total Depth: 4100.00 ft (KB) (TVD)
 Hole Diameter: 7.88 Inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Bradley Waller
 Unit No: 40
 Reference Elevations: 2989.00 ft (KB)
 2980.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8652 Inside
 Press@RunDepth: 89.05 psig @ 4081.00 ft (KB)
 Start Date: 2011.07.06 End Date: 2011.07.07
 Start Time: 20:01:05 End Time: 03:52:59
 Capacity: 8000.00 psig
 Last Calb.: 2011.07.07
 Time On Btm: 2011.07.06 @ 22:11:00
 Time Off Btm: 2011.07.07 @ 01:13:45

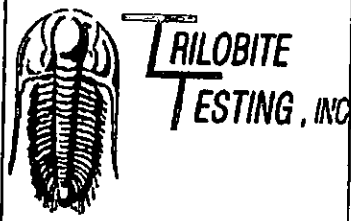
TEST COMMENT: IF: 2 inches blow.
 IS: No return blow.
 FF: 3 inches blow.
 FS: No return blow.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2039.09	113.65	Initial Hydro-static
1	16.76	112.98	Open To Flow (1)
32	47.03	113.70	Shut-In(1)
60	1054.20	114.48	End Shut-In(1)
60	49.88	114.19	Open To Flow (2)
120	89.05	115.00	Shut-In(2)
181	1006.74	115.87	End Shut-In(2)
183	1970.51	116.43	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
40.00	ocm 20 80m	0.20
150.00	go 5g 85o	0.74

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

Blake Exploration, LLC
 PO Box 150
 Bogue, KS 67625
 ATTN: Mike Davignon

Berkgren B #1
 8 13s 33w Logan KS
 Job Ticket: 042239 DST#: 2
 Test Start: 2011.07.07 @ 11:32:00

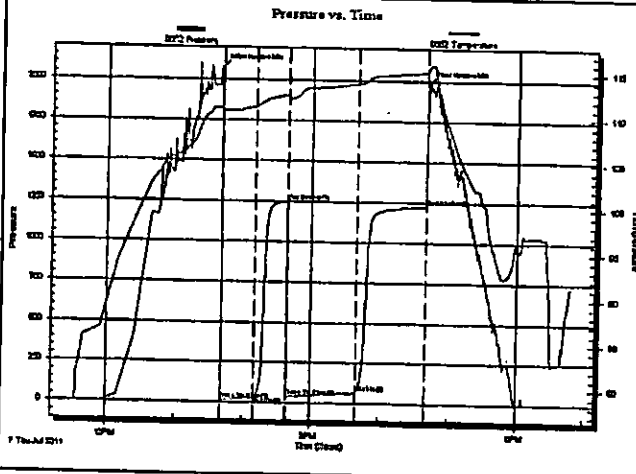
GENERAL INFORMATION:

Formation: LKC I
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 13:40:15
 Time Test Ended: 18:48:15
 Interval: 4100.00 ft (KB) To 4131.00 ft (KB) (TVD)
 Total Depth: 4131.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair

Test Type: Conventional Bottom Hole
 Tester: Bradley Walter
 Unit No: 40
 Reference Elevations: 2989.00 ft (KB)
 2980.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8652 Inside
 Press@RunDepth: 65.57 psig @ 4101.00 ft (KB)
 Start Date: 2011.07.07 End Date: 2011.07.07
 Start Time: 11:32:05 End Time: 18:48:14
 Capacity: 8000.00 psig
 Last Calib.: 2011.07.07
 Time On Btm: 2011.07.07 @ 13:40:00
 Time Off Btm: 2011.07.07 @ 16:41:00

TEST COMMENT: IP: 2 inches blow.
 IS: No return blow.
 FP: 2 inches blow.
 FS: No return blow.



PRESSURE SUMMARY			
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2073.55	111.26	Initial Hydro-static
1	14.20	109.92	Open To Flow (1)
30	32.73	111.31	Shut-In(1)
59	1245.99	112.55	End Shut-In(1)
60	38.02	112.05	Open To Flow (2)
120	65.57	113.84	Shut-In(2)
181	1224.65	115.24	End Shut-In(2)
181	1982.03	115.52	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
110.00	ocm45o 55m	0.54
30.00	go 5g 95o	0.15

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)