



KANSAS CORPORATION COMMISSION 1066632
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>03/31/2011</u>	<u>04/05/2011</u>	<u>04/05/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-109-20987-00-00

Spot Description: _____

NE SW SW SW Sec. 5 Twp. 14 S. R. 32 East West

335 Feet from North / South Line of Section

335 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Logan

Lease Name: BERKGEN Well #: 1

Field Name: _____

Producing Formation: NA

Elevation: Ground: 2865 Kelly Bushing: 2874

Total Depth: 4250 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 226 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: 10000 ppm Fluid volume: 5 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 Garrison Date: 11/09/2011



1066632

Operator Name: Blake Exploration, LLC Lease Name: BERKGEN Well #: 1
Sec. 5 Twp. 14 S. R. 32 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 [X] Yes [] No
Samples Sent to Geological Survey [] Yes [X] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No
Electric Log Submitted Electronically [X] Yes [] No
List All E. Logs Run: DUAL DENSITY DUAL INDUCTION
[X] Log Formation (Top), Depth and Datum
Name Top Datum
ANHYDRITE 2338 +536
HEEBNER 3824 -950
LANSING 3867 -993
STARK 4104 -1230

CASING RECORD [X] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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. Row 1: SURFACE, 10.25, 8.675, 23, 226, COM, 165.

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose (Perforate, Protect Casing, Plug Back TD, Plug Off Zone), Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, PERFORATION RECORD, 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: [] Vented [] Sold [] Used on Lease (If vented, Submit ACO-18.)
METHOD OF COMPLETION: [] Open Hole [] Perf. [] Dually Comp. [] Commingled (Submit ACO-5) [] Other (Specify)
PRODUCTION INTERVAL:



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mak J Energy Kansas LLC

1800 N Broadway, Ste 1740
Denver, CO 80202

ATTN: Justin Carter

BH Berkren #13-5

6-14s-32w Logan KS

Job Ticket: 37890

DST#: 1

Test Start: 2010.06.04 @ 00:33:05

GENERAL INFORMATION:

Formation: **Lans. H**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 03:17:45

Time Test Ended: 10:13:30

Interval: **4032.00 ft (KB) To 4058.00 ft (KB) (TVD)**

Total Depth: **4058.00 ft (KB) (TVD)**

Hole Diameter: **7.88 Inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Dorsch**

Unit No: **48**

Reference Elevations: **2883.00 ft (KB)**

2870.00 ft (CF)

KB to GR/CF: **13.00 ft**

Serial #: **8322**

Inside

Press@RunDepth: **18.57 psig @ 4033.00 ft (KB)**

Start Date: **2010.06.04**

End Date:

2010.06.04

Capacity: **8000.00 psig**

Last Calib.: **2010.06.04**

Start Time: **00:33:05**

End Time:

10:13:30

Time On Btm: **2010.06.04 @ 03:17:30**

Time Off Btm: **2010.06.04 @ 07:04:00**

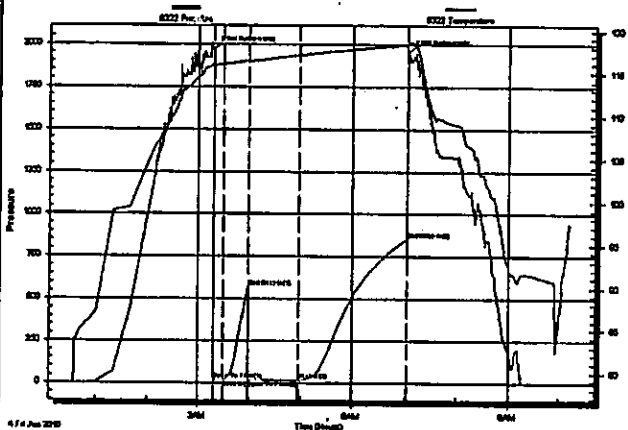
TEST COMMENT: **IF: Surface blow died in 7 mins.**

IS: No return.

FF: No blow.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1965.80	116.17	Initial Hydro-static
1	15.17	115.87	Open To Flow (1)
13	17.46	116.06	Shut-In(1)
42	569.99	116.47	End Shut-In(1)
42	16.33	116.26	Open To Flow (2)
100	18.57	117.13	Shut-In(2)
226	851.53	118.33	End Shut-In(2)
227	1949.20	118.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100% m	0.02
0.00	GIP = 0	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mc/ft)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mak J Energy Kansas LLC

1800 N Broadway, Ste 1740
Denver, CO 80202

ATTN: Justin Carter

BH Berkren #13-5

5-14s-32w Logan KS

Job Ticket: 37891

DST#: 2

Test Start: 2010.06.04 @ 19:58:05

GENERAL INFORMATION:

Formation: **Lans I**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: **22:34:30**

Time Test Ended: **03:12:29**

Interval: **4057.00 ft (KB) To 4095.00 ft (KB) (TVD)**

Total Depth: **4095.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Domsch**

Unit No: **48**

Reference Elevations: **2883.00 ft (KB)**

2870.00 ft (CF)

KB to GR/CF: **13.00 ft**

Serial #: 8322

Inside

Press@RunDepth: **30.25 psig @ 4058.00 ft (KB)**

Start Date: **2010.06.04**

End Date:

2010.06.05

Capacity: **8000.00 psig**

Last Calib.: **2010.06.05**

Start Time: **19:58:05**

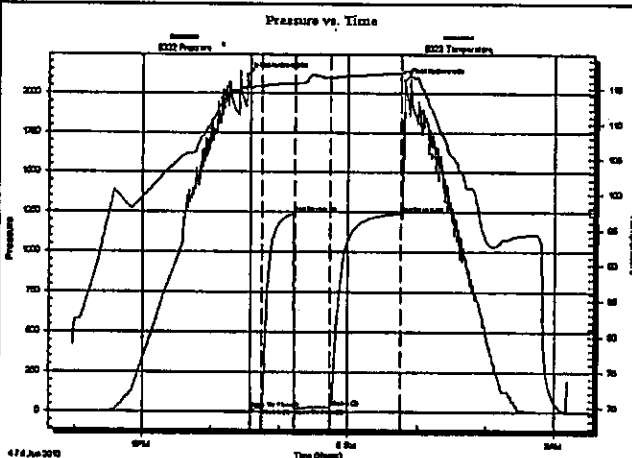
End Time:

03:12:29

Time On Btrn: **2010.06.04 @ 22:31:45**

Time Off Btrn: **2010.06.05 @ 00:48:14**

TEST COMMENT: IF: Surface blow for 5 mins.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

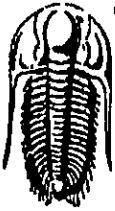
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2110.48	115.14	Initial Hydro-static
3	19.27	115.00	Open To Flow (1)
13	22.38	115.35	Shut-In(1)
41	1241.19	115.84	End Shut-In(1)
42	24.36	115.63	Open To Flow (2)
73	30.25	116.64	Shut-In(2)
133	1240.25	117.23	End Shut-In(2)
137	2077.80	117.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100% m	0.02
0.00	GP = 0	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mc/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mak J Energy Kansas LLC
1800 N Broadway, Ste 1740
Denver, CO 80202
ATTN: Justin Carter

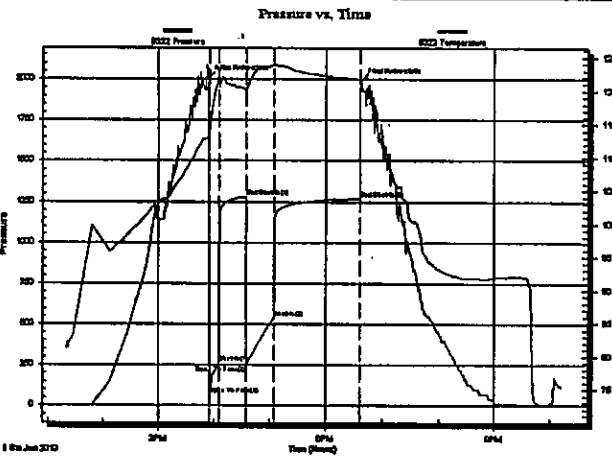
BH Berkren #13-5
5-14s-32w Logan KS
Job Ticket: 37892 DST#: 3
Test Start: 2010.06.05 @ 13:20:05

GENERAL INFORMATION:

Formation: **Lans K**
Deviated: **No Whipstock** ft (KB)
Test Type: **Conventional Bottom Hole**
Time Tool Opened: **15:54:30**
Tester: **Brandon Domsch**
Time Test Ended: **22:14:45**
Unit No: **48**
Interval: **4101.00 ft (KB) To 4151.00 ft (KB) (TVD)**
Reference Elevations: **2883.00 ft (KB)**
Total Depth: **4151.00 ft (KB) (TVD)**
2870.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
KB to GR/CF: **13.00 ft**

Serial #: 8322 Inside
Press@RunDepth: **536.58 psig @ 4102.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.06.05** End Date: **2010.06.05** Last Calib.: **2010.06.05**
Start Time: **13:20:05** End Time: **22:14:45** Time On Btm: **2010.06.05 @ 15:54:00**
Time Off Btm: **2010.06.05 @ 18:37:15**

TEST COMMENT: IF: BOB in 4 mins.
IS: No return.
FP: BOB in 4 mins.
FS: No return.



PRESSURE SUMMARY

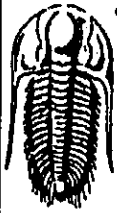
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2007.26	113.26	Initial Hydro-static
1	68.22	113.00	Open To Flow (1)
12	260.48	121.70	Shut-In(1)
41	1278.81	120.28	End Shut-In(1)
41	247.02	120.20	Open To Flow (2)
71	536.58	123.78	Shut-In(2)
162	1269.14	121.77	End Shut-In(2)
164	1991.91	121.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	M 100% m	0.15
45.00	W&O 30% o 70% w	0.22
920.00	MCW 80% w 20% m	11.37
15.00	SO&WCM 3% o 7% w 90% m	0.21
0.00	GIP = 0	0.00
0.00	RW = .190 @ 70F = 40000ppm	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mak J Energy Kansas LLC

1800 N Broadway, Ste 1740
Denver, CO 80202

ATTN: Justin Carter

BH Berkren #13-5

5-14s-32w Logan KS

Job Ticket: 37893

DST#: 4

Test Start: 2010.06.06 @ 16:12:05

GENERAL INFORMATION:

Formation: **Lans K**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 18:42:30

Time Test Ended: 04:02:00

Test Type: **Conventional Straddle**

Tester: **Brandon Domsch**

Unit No: **48**

Interval: **4170.00 ft (KB) To 4180.00 ft (KB) (TVD)**

Total Depth: **4220.00 ft (KB) (TVD)**

Hole Diameter: **7.88 Inches** Hole Condition: **Fair**

Reference Elevations: **2883.00 ft (KB)**

2870.00 ft (CF)

KB to GR/CF: **13.00 ft**

Serial #: **8322**

Inside

Press@RunDepth: **704.38 psig @ 4171.00 ft (KB)**

Start Date: **2010.06.06**

End Date:

2010.06.07

Capacity: **8000.00 psig**

Last Calib.: **2010.06.07**

Start Time: **16:12:05**

End Time:

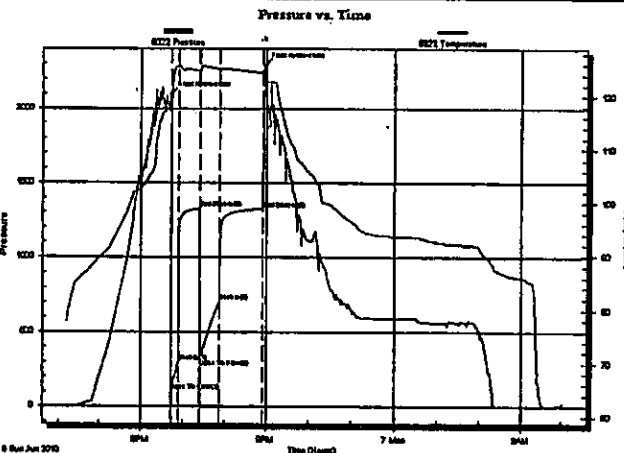
04:02:00

Time On Btm: **2010.06.06 @ 18:41:30**

Time Off Btm: **2010.06.06 @ 20:57:14**

TEST COMMENT: IF: BOB in 2 mins.
IS: Built to 1 1/4 died back to 3/4 inch.
FF: BOB in 3 mins.
FS: BOB in 44 mins.

1570-30-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2091.86	118.00	Initial Hydro-static
1	102.02	117.83	Open To Flow (1)
12	300.78	125.62	Shut-in(1)
43	1324.45	124.71	End Shut-in(1)
43	318.76	124.38	Open To Flow (2)
71	704.38	125.16	Shut-in(2)
133	1321.72	124.48	End Shut-in(2)
136	2289.32	123.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	SMCV 90%w 10%m	0.61
498.00	O&MCV 10%o 60%w 30%m	5.89
496.00	SMCO 90%o 10%m	6.96
372.00	CO 50%g 50%o	5.22
0.00	GIP = 435 ft	0.00
0.00	API = 29@70F = 29	0.00

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mc/d)



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 30725

LOCATION Oakley, KS

FOREMAN Walt Dunkel

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-31-11		Beckgen #1	5	143	32 ^W	Logan
CUSTOMER Blake Exploration, LLC			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			463	Milas Shaw		
CITY				Tash Guehler		
STATE				Kim		
ZIP CODE				Cory Davis		

JOB TYPE Surface-O HOLE SIZE 12 1/4" HOLE DEPTH 226' CASING SIZE & WEIGHT 8 5/8" - 20#
 CASING DEPTH 226' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 15'
 DISPLACEMENT 13 1/4 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Safety Meeting, Rig up to circ
Mixed 165 sks com 3% cc - 79A cal
Displace 13 1/4 BBL H₂O, start in
Cement Did Cure

Thank You
Walt Dunkel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1,025 ⁰⁰	1,025 ⁰⁰
5406	10	MILEAGE	5 ⁰⁰	50 ⁰⁰
11045	165 sks	Class A Cement	16 ⁸⁰	2,772 ⁰⁰
1102	465#	Calcium Chloride	.84	390 ⁶⁰
1118B	310#	Bentonite	.24	74 ⁴⁰
5407	7.75	Top Mileage Delivery	1 ⁵⁰	410 ⁰⁰
				4,722 ⁰⁰
		Less 20% Disc	-	944 ⁴⁰
				3,777 ⁶⁰
		SALES TAX		252 ⁴⁷
		ESTIMATED TOTAL		4,030 ⁰⁷

Revin 3737

AUTHORIZATION Juan Arana TITLE pusher DATE _____

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.

