



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1242525
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1242525

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	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: <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 <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---



272032

TICKET NUMBER 50543
 LOCATION Ottawa
 FOREMAN Alan Mader

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																				
10-22-14	7381	B & M Hoehn #2	NE 20	16	21	FR																				
CUSTOMER <u>Sub Operations</u>			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>730</td> <td>Ala Mad</td> <td>Safety</td> <td>Meat</td> </tr> <tr> <td>368</td> <td>Al Mad</td> <td>DTUD</td> <td>675</td> </tr> <tr> <td>369</td> <td>Mik Hog</td> <td>DRW</td> <td>1001</td> </tr> <tr> <td>548</td> <td>Dan Wha</td> <td>DRW</td> <td>1421</td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	730	Ala Mad	Safety	Meat	368	Al Mad	DTUD	675	369	Mik Hog	DRW	1001	548	Dan Wha	DRW	1421
TRUCK #	DRIVER	TRUCK #					DRIVER																			
730	Ala Mad	Safety					Meat																			
368	Al Mad	DTUD					675																			
369	Mik Hog	DRW					1001																			
548	Dan Wha	DRW	1421																							
MAILING ADDRESS <u>9393 W 110th</u>																										
CITY <u>Overland Park</u>	STATE <u>KS</u>	ZIP CODE <u>66210</u>																								
JOB TYPE <u>long string</u>	HOLE SIZE <u>5 5/8</u>	HOLE DEPTH <u>683</u>																								
CASING DEPTH <u>623</u>	DRILL PIPE	TUBING																								
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk																								
DISPLACEMENT <u>3.9</u>	DISPLACEMENT PSI <u>800</u>	MIX PSI <u>200</u>																								
REMARKS: <u>Held meeting Established rate. Mixed & pumped 100# gel followed by 96sk 50150 cement plus 2% gel + 1/2 # Pheno seal per sack. Circulated cement. Flushed pump. Pumped plug to casing T.D. well held 800 PST. Set float.</u>																										

Fmn 341

Scott Evans

Alan Mader

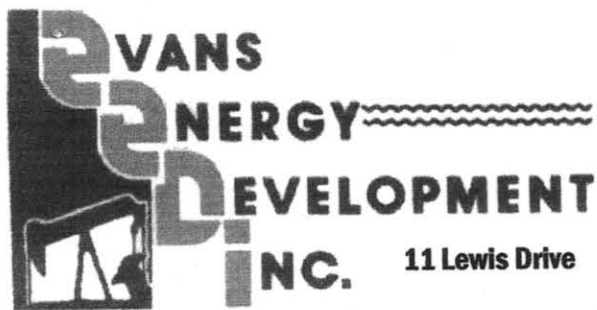
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1085.00
5406	15	MILEAGE	368	63.00
5402	673	casing footage	368	
5407	min	ten miles	548	368.00
5502L	1 1/2	80 vac	369	150.00
1124	96	50150 cement	1104.00	
1118B	261	gel	57.42	
1107A	48	Pheno seal	64.80	
		Material sub	1226.22	
		less 30% -	367.87	
		material total		858.35
4402	1	2 1/2 plug		29.50
				3017.78
		SALES TAX		67.93
		ESTIMATED TOTAL		2621.70

Ravin 3737

AUTHORIZATION [Signature]

TITLE _____ DATE _____

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



11 Lewis Drive

Paola, KS 66071

**Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation**

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

S & B Operating LLC

R&M Hoehn # 2

API #15-059-26,830

October 21 - October 22, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
15	lime	21
6	shale	27
13	lime	40
3	shale	43
18	lime	61
33	shale	94
23	lime	117
10	sandstone	127
70	shale	197
21	lime	218
26	shale	244
6	lime	250
28	shale	278 oil show at 270'
8	lime	286
23	shale	309
22	lime	331 oil show
7	shale	338
22	lime	360
5	shale	365
11	lime	376 base of the Kansas City
149	shale	525
9	lime	534
3	shale	537
5	lime	542
12	sandy shale	554 few thin seams of light brown, gas sand
21	shale	575
5	lime	580
17	shale	597
3	lime	600
18	shale	618
3	lime	621
17	shale	638 grey, few thin lime seams
1.5	shale	639.5 light
0.5	broken sand	640 light brown sand & light sandy shale, start core
0.5	silty sand & sand	640.5 swirl of brown sand & light silty sand, no show
1.5	brown sand	642 hard, light bleeding

1	limey sand & lime	643
1.3	broken sand	644.3 60% light bleeding brown sand, 40% light 40% light sandy shale
1.9	broken sand	646.2 40% light bleeding brown sand 60% sandy shale
0.8	sand	647 90% light bleeding brown sand 10% sandy shale
0.5	limey sand	647.5 brown & white limey sand, light bleeding
7.5	shale	655 few very thin sand seams
35	shale	690 TD

Drilled a 9 7/8" hole to 21.65'

Drilled a 5 5/8" hole to 690'

Set 21.65' of new 7" threaded and coupled surface casing, cemented with 5 sacks cement.

Set 678' of used 2 7/8" 8 round upset tubing including, 3 centralizers, 1 float shoe, 1 clamp,

Upper Squirrel Core Time

	<u>Minutes</u>	<u>Seconds</u>
641		26
642		42
643	1	1
644		25
645		24
646		21
647		32
648		27
649		30
650		33
651		32
652		28
653		26
654		33
655		32
656		34
657		29
658		27
659		34
660		37