



1154825

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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: _____ _____
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Anderson County, KS
Well: Zastrow 23-HP
Lease Owner: Haas

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
7/8/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
16	Soil / Clay	161
48	Shale	64
29	Lime	93
13	Shale	106
3	Lime	109
3	Shale & Lime	112
1	Lime	113
46	Shale	159
12	Lime	171
7	Shale	178
37	Lime	215
7	Shale	222
21	Lime	243
4	Shale	247
23	Lime	270
4	Shale	274
3	Lime	277
6	Sandy Shale	283
18	Shale	301
4	Sand	305
5	Sandy Shale	310
15	Shale	325
15	Sandy Shale	340
57	Shale	397
9	Sand	406
4	Sandy Shale	410
23	Shale	433
2	Lime	435
6	Shale	441
3	Lime	444
3	Shale	447
11	Lime	458
8	Shale	466
10	Sand	476
4	Sandy Shale	480
8	Shale	488
7	Sand	495
6	Sandy Shale	501
6	Shale	507
2	Coal	509

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2	Lime	511
2	Shale	513
7	Lime	520
4	Shale	524
4	Lime	528
6	Shale	534
4	Lime	538
25	Shale	563
10	Lime	573
19	Shale	592
2	Lime	594
10	Shale	604
4	Lime	608
11	Shale	619
5	Sand	624
5	Sandy Shale	629
36	Shale	665
18	Sandy Shale & Sand	683
24	Shale	707
2	Lime	709
6	Shale	715
5	Sand	720
2	Sand	722
18	Core	740
3	Sand	743
2	Broken Sand	745
10	Sandy Shale	755
65	Shale	820-TD

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

August 09, 2013

Mark Haas
Haas Petroleum, LLC
11551 ASH ST., STE 205
LEAWOOD, KS 66211

Re: ACO1
API 15-003-25827-00-00
Zastrow 23-HP
NW/4 Sec.13-20S-20E
Anderson County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Mark Haas