Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1216599

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 # 33640
Name: Haas Petroleum, LLC
Address 1: 11551 ASH ST., STE 205
Address 2:
City: LEAWOOD State: KS Zip: 66211 + __ __ __ __
Contact Person: Mark Haas
Phone: (913) 499-8373
CONTRACTOR: License # 33715
Name: Town Oilfield Service
Wellsite Geologist: GGR, Inc.
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 #:

07/07/2014	07/08/2014	07/08/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-001-31091-00-00
Spot Description:
NW SE NE NW Sec. 8 Twp. 24 S. R. 19 ☑ East ☐ West
845 Feet from ☑ North / ☐ South Line of Section
3060 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Allen
Lease Name: Trester Well #: 5-HP
Field Name:
Producing Formation: Tucker Sandstone
Elevation: Ground: 1062 Kelly Bushing: 0
Total Vertical Depth: 1022 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 20 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: 0 ppm Fluid volume: 0 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

☑ **Confidentiality Requested**
Date: 07/30/2014
☑ **Confidential Release Date:** 07/29/2016
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 08/05/2014

[redacted] 1216599

Operator Name: Haas Petroleum, LLC Lease Name: Trester Well #: 5-HP

Sec. 8 Twp. 24 S. R. 19 ☑ East ☐ West County: Allen

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 (Attach Additional Sheets) ☐ Yes ☑ No

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Gamma Ray

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
N/A		

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
Surface	9.8750	7.0000	17	20	Regular	25	
Longstring	5.8750	2.8750	6.5	1019	OWC Cement	96	

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	-			
	-			

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 *(Amount and Kind of Material Used)*	Depth
	1003.0 to 1009.0		

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. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*

PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	Haas Petroleum, LLC
Well Name	Trester 5-HP
Doc ID	1216599

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9.8750	7.0000	17	20	Regular	25	
Longstring	5.8750	2.8750	6.5	1019	OWC Cement	96	

Allen County, KS
Well:Trester 5-HP
Lease Owner:Haas Petro

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

Commenced Spudding:
07/07/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
3	soil/clay/rock	3
1	lime	4
2	clay	6
112	sandy shale and shale	118
42	lime	160
32	sandy shale and sand	192
9	lime	201
4	shale and lime	205
6	lime	211
19	shale	230
61	lime	291
4	shale	295
23	lime	318
6	shale	324
6	lime	330
3	shale	333
10	lime	343
10	shale	353
5	lime	358
6	shale	364
4	sand	368
20	sandy shale and sand	388
18	sandy shale	406
78	shale	484
6	sandy shale	490
32	shale	522
10	lime	532
13	shale	545
11	lime	556
11	shale	567
17	sand	584
4	shale	588
11	sandy shale and sand	599
33	shale	632
14	lime	646
10	shale	656
4	lime	660
26	shale	686
11	lime	697
7	shale	704
8	lime	712

Allen County, KS
Well:Trester 5-HP
Lease Owner:Haas Petro

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

Commenced Spudding:
07/07/2014

11	shale	723
3	lime	7236
9	shale	735
12	sandy shale	747
79	shale	826
2	lime	828
17	shale	845
33	sandy shale and shale	878
111	shale	989
9	broken sand	998
3	sandy shale	1001
1	broken sand	1003
1	broken sand	1004
2	sand	1006
8	sand	1014
2	sand	1016
3	sand	1019
3	sand	1022-TD

Tucker Farm: Allen County

KS State; Well No. 5-HD

Elevation 1062

Commenced Spuding 7-7 20 14

Finished Drilling 7-8 20 14

Driller's Name Chad Weaver

Driller's Name

Driller's Name

Tool Dresser's Name Cole Holcom

Tool Dresser's Name Ryan Roberts

Tool Dresser's Name

Contractor's Name TOS

8 24 19

(Section) (Township) (Range)

Distance from W line, 545 ft.

Distance from E line, 3560 ft.

3- Sacks

CASING AND TUBING RECORD

10" Set		10" Pulled	
7" Set	20'	8" Pulled	
6¼" Set		6¼" Pulled	
4" Set		4" Pulled	
2⅞ Set	1,015.60	2" Pulled	

986.80 seat nipple

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.

CONSOLIDATED
Oil Well Services, LLC

269648

TICKET NUMBER 47392
LOCATION Ottawa KS
FOREMAN Fred 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
7-8-14	3451	Trestor # 5 HP	NE 8	24	19	AL

CUSTOMER: Haas Petroleum LLC
MAILING ADDRESS: 11551 Ash Ste 205
CITY: Leawood | STATE: KS | ZIP CODE: 66211

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fre Mad		
666	Kei Car		
675	Kid Dal		
548	Bic Man		

JOB TYPE Long string | HOLE SIZE 5 7/8 | HOLE DEPTH 1022 | CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 1019' | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 2½" Plug
DISPLACEMENT 5.92 BBL | DISPLACEMENT PSI | MIX PSI | RATE 4 BPM

REMARKS: Ha'd Crew safety meeting. Establish pump rate. Mix Pump 100# Gel Flush. Mix & Pump 96 sks OWC Cement & ¼# Flo Seal/SK. Cement to surface. Flush pump & lines clean. Displace 2½" Rubber Plug to casing T.D. Pressure to 800# PSI. Release pressure to Set float Valve. Shut in Casing.

Tos Drilling. Chad — Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	666		1085.00
5406	50	MILEAGE	666		210.00
5402	1019'	Casing footage			NC
5407	Minimum	Ton Miles	548		368.00
5502C	2½ hrs	80 BBL Vac Truck	675		250.00
1126	96 sks	OWC Cement		1896.00	
1118B	100#	Premium Gel		22.00	
1107	24#	Flo Seal		59.28	
		Material		1977.28	
		Less 30%		-593.18	
		Total			1384.10
4402	1	2½" Rubber Plug			29.50
				4008.28	
			7.4%	SALES TAX	104.60
				ESTIMATED TOTAL	3431.30

Ravin 3737

AUTHORIZTION _____ TITLE _____ 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