

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form AGO-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 # 33864
Name: HABIT PETROLEUM, LLC
Address 1: 639 280TH AVE
Address 2: PO BOX 243
City: HAYS State: KS Zip: 67601
Contact Person: IRVIN E HASELHORST
Phone: ((785)) 623 1154
CONTRACTOR: License # 5184
Name: SHIELDS OIL PRODUCERS INC
Wellsite Geologist: DUANE STECKLEIN
Purchaser: COFFEYVILLE RESOURCES
Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SICW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abdl.
 CMI (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 #: _____

11-3-2011	11-9-2011	11-16-2011
Spud Date or Recompletion Date:	Date Reached TD	Completion Date or Recompletion Date:

API No. 15 - 065-23781-0000
Spot Description: NE NE NW/4 SE 4-10-21W
NE NE NW/4 Sec. 4 Twp. 10 S. R. 21 East West
540 Feet from North // South Line of Section
2,310 Feet from East // West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: GRAHAM
Lease Name: TOWN B Well #: 2
Field Name: COOPER
Producing Formation: ARBUCKLE
Elevation: Ground: 2308 Kelly Bushing: 2315
Total Depth: 2885 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 220 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1801 Feet
If Alternate Ill completion, cement circulated from: 1801
feet depth to: SURFACE w/ 165 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 26000 ppm Fluid volume: 800 bbls

Dewatering method used: EVAPORATION

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter: _____ Sec. _____ Twp. _____ S. R. _____ **RECEIVED**

County: _____ Permit #: _____

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information off site: two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-1111 form with all temporarily abandoned wells.

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.

Signature: Irvin E. Haselhorst

Title: Owner/operator Date: 3/15/2012

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: Dlg Date: 3/21/12

Operator Name: HABIT PETROLEUM, LLC Lease Name: TOWN B Well #: 2
 Sec: 4 Twp: 10 S. R. 21 East West County: GRAHAM

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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name: ARBUCKLE Top: 3882 Datum: -1569

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
SURFACE	12 1/4	8 5/8	20#	220'	COMMON	150	3% CC 2% GEL
LONG STRING	7 7/8	5 1/2	14#	3882	COMMON	165	10% SALT 2% CC

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	1801 PORT COLLAR	60/40	275	8% GEL 1/4# FLO

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

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TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:
	2 7/8	3874		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Resumed Production, SWD or ENHR:	Producing Method:			
11/20/11	<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	6	0	234	3% 28

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DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input checked="" type="checkbox"/> Ventd <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If ventd, Submit ACO-18)	<input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4)	3882 to 3885
	<input type="checkbox"/> Other (Specify)	

ALLIED CEMENTING CO., LLC. 034444

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell, KS

DATE <u>11-14-11</u>	SEC. <u>4</u>	TWP. <u>10</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30am</u>	JOB FINISH <u>12:30pm</u>
LEASE TO: <u>AS B</u>	WELL # <u>2</u>	LOCATION <u>Church of God 1 S</u>			COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>2w sdw into</u>					

CONTRACTOR Professional Pulling Service OWNER

TYPE OF JOB Part Collar

HOLE SIZE <u>7 7/8</u>	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE <u>2 7/8</u>	DEPTH <u>180'</u>
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1000 psi</u>	MINIMUM
MEAS. LINE	SHOE JOINT

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 10.42 bbl

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Heath</u>
# <u>409</u>	HELPER <u>Todd</u>
BULK TRUCK	
# <u>481</u>	DRIVER <u>Nick</u>
BULK TRUCK	
#	DRIVER

CEMENT AMOUNT ORDERED 275 60/40

8 7/8 gel 14# 510

COMMON	<u>165</u>	@ <u>16.25</u>	<u>2681.25</u>
POZMIX	<u>110</u>	@ <u>8.50</u>	<u>935.00</u>
GEL	<u>22</u>	@ <u>21.25</u>	<u>467.50</u>
CHLORIDE		@	
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>297</u>	@ <u>2.25</u>	<u>668.25</u>
MILEAGE	<u>297/1.4/58</u>		<u>1894.86</u>
TOTAL			<u>6646.86</u>

REMARKS:

Part Collar @ 1801 - Ran in and tested to 1000psi - Held - opened part collar and est Circulation - Did Circulate - mixed 275 sz and circulated Cement - Disp 9.5 bbls of 420 - closed part collar and test back side to 1600psi - Held - Ran 5 JES and washed Clean

CEMENT Did Circulate!!

T H A N K S !!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1925.00</u>
EXTRA FOOTAGE		@	
MILEAGE <u>HV</u>	<u>58</u>	@ <u>7.00</u>	<u>406.00</u>
MANIFOLD		@	
<u>LV</u>	<u>58</u>	@ <u>4.00</u>	<u>232.00</u>
		@	
TOTAL			<u>2563.00</u>

CHARGE TO: Habit Oil

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE JR. [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES 9209.86

DISCOUNT _____ IF PAID IN 30 DAYS

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ALLIED CEMENTING CO., LLC. 038363

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE <u>11/9/11</u>	SEC. <u>4</u>	TWP. <u>10 S</u>	RANGE <u>21 W</u>	CALLED OUT	ON LOCATION	JOB START <u>1:45 p</u>	JOB FINISH <u>2:45 p</u>
LEASE <u>Town B</u>	WELL # <u>2</u>	LOCATION <u>Church of God 15</u>			COUNTY <u>Franklin</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)		<u>1 1/2 W Sink</u>					

CONTRACTOR Shields Drilling Rg #1 OWNER _____

TYPE OF JOB Production Well CEMENT _____

HOLE SIZE 2 7/8 T.D. 3885 AMOUNT ORDERED 16.5 Com 102 Salt 2860

CASING SIZE 5 1/2 14" DEPTH 3885 500 Gal WFR-2

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL Part Collar DEPTH 1501

PRES. MAX 1700 psi MINIMUM _____ COMMON 165 @ 16.25 2681.25

MEAS. LINE _____ SHOE JOINT 42.32' POZMIX _____ @ _____

CEMENT LEFT IN CSG. _____ GEL 3 @ 21.25 63.75

PERFS. _____ CHLORIDE _____ @ _____

DISPLACEMENT 93.91 bbl ASC _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Shane

409 HELPER Todd

BULK TRUCK _____ @ _____

378 DRIVER Nick

BULK TRUCK _____ @ _____

_____ DRIVER _____

COMMON	<u>165</u>	@	<u>16.25</u>	<u>2681.25</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE		@		
ASC		@		
Salt	<u>14</u>	@	<u>23.95</u>	<u>335.30</u>
WFR-2	<u>500 gal</u>	@	<u>1.10</u>	<u>550.00</u>
HANDLING	<u>182</u>	@	<u>2.25</u>	<u>409.50</u>
MILEAGE	<u>4.16/mile</u>			<u>176.16</u>
TOTAL				<u>5200.96</u>

REMARKS:

Red Hole 3000 Mouse Hole 15 str
Insert @ 3848.63, Run Pipe to
Bottom, Est Circulation, Set
Packer Shoe with 1700 psi. Mined
Cement shut down washed
pump + Circ. Displacement
93.91 bbl Cement @ 1700 psi.
Inject Hole

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>2225.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>58</u>	@	<u>7.00</u>	<u>406.00</u>
MANIFOLD		@		
Lin	<u>58</u>	@	<u>4.00</u>	<u>232.00</u>
TOTAL				<u>2863.00</u>

CHARGE TO: Habbit Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1	<u>Part Collar</u>	@	<u>1820.00</u>
5	<u>Packer Shoe</u>	@	<u>1621.00</u>
3	<u>Catch clamp</u>	@	<u>194.00</u>
4	<u>8 - Centralizers</u>	@	<u>34.00</u>
1	<u>Baskets</u>	@	<u>236.00</u>
TOTAL			<u>4143.00</u>

SALES TAX (If Any) _____

TOTAL CHARGES 12,206.96

DISCOUNT 20% IF PAID IN 30 DAYS

PRINTED NAME Thomas J Engel

SIGNATURE Thomas J Engel

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Formation Data

Elevation: (2313 K.B.) – (2308 G.L.)

All top formations measured from 2313 K.B.

<u>FORMATION</u>	<u>SAMPLE TOPS</u>	<u>SEA-LEVEL DATUM</u>
Anhydrite	1775	+ 538
Base Anhydriet	1815	+ 498
Topeka	3302	- 988
Heebner	3508	-1195
Toronto	3531	-1218
Lansing-K.C.	3548	-1235
Base-K.C.	3778	-1465
Marmaton	3824	-1511
Arbuckle	3882	-1569
R. T. D.	3885	-1572

All samples were examined and described by me on actual location and did not start until a depth of 3300' was reached. All zones and sample tops examined are all true and accurate according to drillers depth.

One foot drilling time was logged from a depth of 3250' to 3885', and all zones were examined by ten foot samples at a rotary depth of 3300' to 3550'. Five foot samples were examined from a rotary depth of 3555' to 3885'.

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Sample Description

Following are the pertinent geological formations and all zones of subject well Towns B #2.

THE FOLLOWING ZONES WERE NOTED:

TOPEKA	3302-3326	Limestone – Buff, fine crystalline to dense lime, chalky in part, poor to no inter porosity, no show of oil.
	3332-3364	Limestone – Cream, fine crystalline to chalky, poor to no inter porosity.
DEER CREEK	3385-3390	Limestone – White, to cream, very fine crystalline to chalky, very small show of spotted stain, no free oil or odor, poor inter porosity.
LECOMPTON	3416-3435	Limestone – White, chalky poorly developed, no show of oil.
OREAD LIME	3458-3470	Limestone – Tan, fine crystalline, tight to no visible porosity, very small show of black residual stain, no odor.
	3480-3488	Limestone – Same as above, chalky in part.
	3496-3508	Limestone – White and tan, fine tight crystalline, no inter porosity, no show of oil.
TORONTO	3531-3536	Limestone – Tan to cream, fine tight crystalline, no inter porosity, no show of oil.
LANSING – K.C. (A-Zone)	3548-3558	Limestone – White, very fine crystalline to dense lime, chalky in part, no inter porosity, now show of oil.
(B-Zone)	3566-3574	Limestone – Same as above.
(C-Zone)	3590-3596	Limestone – Same as above with a small show of black residual stain, no odor.

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(D-Zone)	3606-3611	Limestone – White and tan, same as above.
(E-Zone)	3622-3626	Limestone – Tan, cherty, no visible inter porosity, small show of black residual stain, no odor.
(F-Zone)	3632-3640	Limestone – Cream, fine crystalline, tight, poor inter porosity with a small show of free spotted oil, very slight odor when broken.
(G-Zone)	3646-3656	Limestone – White, chalky, no visible porosity, no show of oil.
(H-Zone)	3688-3698	Limestone – White, dense lime to chalky, no visible porosity, no show of oil.
(I-Zone)	3706-3715	Limestone – Same as above.
(J-Zone)	3726-3733	Limestone – White, cream and buff, very dense to cherty, very small show of oil stain on chert, no inter porosity, no odor.
(K-Zone)	3750-3762	Limestone – Same as above, chalky.
(L-Zone)	3770-3778	Limestone – White to creamy, dense lime to chalky, no inter porosity, no show of oil.
MARMATON	3824-3845	Chert – Orange, very dense, no visible porosity, no show of oil.
CONGLOMERATE	3861-3873	Chert and Shale – Red clay, no show of oil.
	3874-3881	Chert – Orange and white, cherty lime with a black residual stain, no odor.
ARBUCKLE	3882-3885	Dolomite – Cream to buff, fine to medium crystalline, sucrosic to vuggy in part, friable in part, with fair show of oil saturation to free oil, odor, fair inter porosity.

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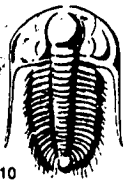
Remarks and Conclusion

During the drilling of the Towns B #2, the structural position of the Arbuckle dolomite, operator of Habit Petroleum decided to set production casing to further test the Towns B #2.

Respectfully submitted,

Duane Stecklein, Geologist

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43733

Well Name & No. Towns # B-2 Test No. 1 Date 11-8-11
 Company Habit Petroleum, LLC. Elevation 2315 KB 2310 GL
 Address 639 260th Ave. Hays, KS 67601
 Co. Rep / Geo. Duane Stecklein Rig Shields #1
 Location: Sec. 4 Twp. 10s Rge. 21w Co. Graham State KS

Interval Tested 3835-3885 Zone Tested Arbuckle
 Anchor Length 50' Drill Pipe Run 3327 Mud Wt. 8.7
 Top Packer Depth 3831 Drill Collars Run 8 Vis 55
 Bottom Packer Depth 3835 Wt. Pipe Run 560' WL 6.4
 Total Depth 3885 Chlorides 2900 ppm System LCM 1#

Blow Description IF-BoB in 1/2 min.
IS-Runin Started @ 10 min. Built to 1"
FF-BoB in 2 min.
FS-Runin Started @ 7 min. Built to 1/4"

Rec <u>672</u>	Feet of <u>GMCWO</u>	<u>10</u> %gas	<u>45</u> %oil	<u>30</u> %water	<u>15</u> %mud
Rec <u>280</u>	Feet of <u>GMCWO</u>	<u>20</u> %gas	<u>40</u> %oil	<u>30</u> %water	<u>10</u> %mud
Rec <u>220</u>	Feet of <u>GOCMW</u>	<u>15</u> %gas	<u>15</u> %oil	<u>60</u> %water	<u>10</u> %mud
Rec <u>622</u>	Feet of <u>MW</u>	%gas	%oil	<u>95</u> %water	<u>5</u> %mud
Rec <u>124</u>	Feet of <u>GIP</u>	%gas	%oil	%water	%mud

Rec Total 1794 BHT 113 Gravity — API RW 37 @ 73 °F Chlorides 17000 ppm

(A) Initial Hydrostatic 1905 Test 5:00 PM
 (B) First Initial Flow 91 Jars 5:02 PM
 (C) First Final Flow 647 Safety Joint 7:25 PM
 (D) Initial Shut-In 985 Circ Sub N/C T-Pulled 9:25 PM
 (E) Second Initial Flow 639 Hourly Standby 1:10 AM
 (F) Second Final Flow 671 Mileage 220 RT
 (G) Final Shut-In 985 Sampler
 (H) Final Hydrostatic 1846 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Initial Open 30
 Initial Shut-In 2
 Final Flow
 Final Shut-In 30

Sub Total
 Approved By
 Our Representative

T-On Location 5:00 PM
 T-Started 5:02 PM
 T-Open 7:25 PM
 T-Pulled 9:25 PM
 T-Out 1:10 AM
 Comments 124' GIP
 Ruined Shale Packer
 Ruined Packer **RECEIVED**
 Extra Copies **MAR 19 2012**
 Sub Total
 Total **KCC WICHITA**
 MP/DST Disc't

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