

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 33864  
Name: Habit Petroleum LLC  
Address 1: 639 280th Ave  
Address 2: \_\_\_\_\_  
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     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>5/10/2011</u>	<u>5/17/2011</u>	<u>6/1/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23953-00-00

Spot Description: \_\_\_\_\_  
S2 NW SE NE Sec. 15 Twp. 9 S. R. 19  East  West  
1,700 Feet from  North /  South Line of Section  
990 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW

County: ROOKS

Lease Name: NECH Well #: B-8

Field Name: \_\_\_\_\_

Producing Formation: ARBUCKLE

Elevation: Ground: 2070 Kelly Bushing: 2075

Total Depth: 3581 Plug Back Total Depth: 3542

Amount of Surface Pipe Set and Cemented at: 234 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1470 Feet

If Alternate II completion, cement circulated from: 1470

feet depth to: SURFACE w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)

Chloride content: 1600 ppm Fluid volume: 200 bbls

Dewatering method used: EVAPORATION

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

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 of side 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-111 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: Operator Date: 10-15-11

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: 10/21/11

Operator Name: Habit Petroleum LLC Lease Name: NECH Well #: B-8

Sec. 15 Twp. 9 S. R. 19  East  West County: ROOKS

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>COMPENSATED DENSITY NEUTON, MICRO RESISTIVITY ,                  DUAL INDUCTION, DUAL RECEIVER , CEMENT BOND</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>ARBUCKLE</td> <td>3498</td> <td>-1423</td> </tr> </table>	Name	Top	Datum	ARBUCKLE	3498	-1423
Name	Top	Datum					
ARBUCKLE	3498	-1423					

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	12.25	8 5/8	23#	234	Common	150	3%CC 2%gel
PRODUCTION	7.875	5 1/2	14#	3579	Common	150	10% Salt 2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1465	AMD	205	SODGAI WFE2

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
4SPF	3532-34 PBP AT 3525	2,000 GALS 28% ACID	
4SPF	3512-14		
4SPF	3498-3504	6,000BRLS POLYMER	

TUBING RECORD: Size: 2 7/8 Set At: 3520 Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. <u>7/3/2011</u>		Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		<b>KCC WICHITA</b>
Estimated Production Per 24 Hours	Oil Bbls. <u>21</u>	Gas Mcf	Water Bbls. <u>164</u>	Gas-Oil Ratio <u>12%</u>
				Gravity <u>24</u>

DISPOSITION OF GAS: <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3498-3514</u>
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# ALLIED CEMENTING CO., LLC. U30324

ATTN: P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

*Russell*

DATE <i>6-17-11</i>	SEC <i>15</i>	TWP <i>9</i>	RANGE <i>19</i>	CALLED OUT	ON LOCATION	JOB START <i>4:00 PM</i>	JOB FINISH <i>5:00 PM</i>
LEASE <i>Neck</i>	WELL # <i>B-5</i>	LOCATION <i>Zurich LE 250</i>			COUNTY <i>ROCK</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)						<i>2.02</i>	<i>6.3</i>

CONTRACTOR *Shilde DPLG*

TYPE OF JOB *Prod Csg 2-Stage*

HOLE SIZE *5 1/2* I.D.

CASING SIZE *5 1/2* DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *22.72*

PERFS.

DISPLACEMENT *86.76 Mc*

EQUIPMENT

OWNER

CEMENT AMOUNT ORDERED

*150 lb. Cem 10 1/2" 2 1/2" Gal.*

*205 Amp 500 GA WFR 2*

COMMON <i>150</i>	@ <i>16.25</i>	<i>2437.50</i>
POZMIX	@	
GEL <i>3</i>	@ <i>21.25</i>	<i>63.75</i>
CHLORIDE	@	
ASC	@	
<i>391E 13</i>	@ <i>23.95</i>	<i>311.35</i>
<i>AMO 205</i>	@ <i>23.55</i>	<i>4827.75</i>
HANDLING <i>394</i>	@ <i>2.25</i>	<i>886.50</i>
MILEAGE <i>1167.00</i>		<i>2167.00</i>
		<b>TOTAL <i>10,693.05</i></b>

PUMP TRUCK CEMENTER *Bill - Heth*

# *406* HELPER *Todd Tuss*

BULK TRUCK # *UW* DRIVER *Niall*

BULK TRUCK # *U01* DRIVER *Tony*

REMARKS:

*Pipe note 3526.15*

*Shoe pt. 22.72*

*Tracer 3553.37*

*Pump 500 gal Flush, Cement 1500 gal*

*Pump plus 22.72, load pipe 1500*

*APR. D.L. C. RC 45 min. Load of 1000*

*Cement 15 Mc 30 RM*

*prop plus 3000 lb*

*low disc*

CHARGE TO: *Rabbit Pet. LLC*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

*#52 D.U. 1465, 72*

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 *Thomas J Engel*

SIGNATURE *Thomas J Engel*

*7640.35*

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE *2225.00*

EXTRA FOOTAGE @

MILEAGE *100* @ *7.00* *700.00*

MANIFOLD @

*LVA 100* @ *4.00* *400.00*

**TOTAL *3325.00***

PLUG & FLOAT EQUIPMENT

<i>6 Containers W</i>	@ <i>34.00</i>	<i>204.00</i>
<i>1- Float Shoe T.R.</i>	@	<i>245.00</i>
<i>3- Baskets W</i>	@ <i>72.00</i>	<i>216.00</i>
<i>1- R.V. Tool T.R.</i>	@	<i>372.00</i>
		<b>TOTAL <i>987.00</i></b>

*2799.37*

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES *10,996.05*

DISCOUNT *0.00* IF PAID IN 30 DAYS

*12518.35*

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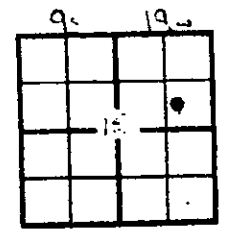
KCC WICHITA



**Marc Downing**  
 Consulting Petroleum Geologist  
 1411 Washington Circle  
 Hays, Ks 67601  
 Phone: 620-428-1356 (cell) 785-621-2286

**GEOLOGIC  
 REPORT  
 LOG**

**COMPANY** Habit Petroleum LLC  
**WELL** Neck R # 8  
**FIELD** Pollock  
**LOCATION** 1790' E2E + 990' E3E  
**SEC.** 15 **TWP.** 9 **RGE.** 19W  
**COUNTY** Lecro  
**STATE** Kansas



**PRODUCTION** Arbuckle  
**ELEVATION** KB 2875  
 DF \_\_\_\_\_  
 GL 2872  
**Drilling Measured From:** KA  
**Samples Saved From:** 3000 To: 1  
**Drilling Time From:** 2900 To: 300  
**Samples Examined From:** 3000 To: 70  
**Geological Supervision From:** 3000 To Total Depth  
**Wellsite Geologist:** Marc Downing  
**Electrical Survey:** The veterinarian  
C. N. B. S. D. L.  
P. L. L.  
M. E. L.

**OPERATOR** Habit Petroleum LLC  
**CONTRACTOR** Shields Drilling  
**COMM:** 5-11-11 **COMP:** 5-17-11  
**CASING RECORD**  
**SURF:** 4 5/8" @ 234' **PROD:** 5 1/2" @ 3540'  
**TOTAL DEPTH DRILLERS:** 358'  
**TOTAL DEPTH LOG:** 3081'

**FORMATION TOPS AND STRUCTURAL POSITION**

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
Top Arbuckle	NA	1457	+128	+1
Base Arbuckle	NA	1484	+129	NA
Tarka	3011	3010	-935	NA
HEAVER	3215	2715	-1140	FL
Taranto	3235	2235	-1160	-1
CCC	3254	2254	-1179	FL
RCC	3474	2474	-1399	NA
Arbuckle	3497	2497	-1422	-1

**REFERENCE WELL FOR STRUCTURE** Habit Petroleum LLC  
Neck R #1 OW40 **NE-SE-NE** **Sec. 15-9S-19W**

DAILY PENETRATION	
DATE	DEPTH

FORMATION	INTERVAL

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