

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: PO Box 243
Address 2: 639 280TH AVE
City: Hays State: KS Zip: 67601 +
Contact Person: Irvin E Haselhorst
Phone: (785) 623-1154
CONTRACTOR: License # 33493
Name: AMERICAN EAGLE DRILLING
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: HEARTLAND INTERPRISE

Well Name: BARTOS # 1

Original Comp. Date: 8-22-83 Original Total Depth: 3839

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>4-03-10</u>	<u>4-10-10</u>	<u>5-3-10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-21839 - 0001

Spot Description: C OF NW-SW-NW QUARTER
W/ 3/4 NE NW Sec. 10 Twp. 10 S. R. 21 East West
990 Feet from North / South Line of Section
1320 1360 Feet from East / West Line of Section

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

County: GRAHAM

Lease Name: BARTOS Well #: 11

Field Name: COOPER

Producing Formation: Arbuckle

Elevation: Ground: 2266 Kelly Bushing: 2273

Total Depth: 3899 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 247 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1799 Feet

If Alternate II completion, cement circulated from: 1799

feet depth to: SURFACE w/ 350 LITE 1/4 # FLO sx cmt.

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

Chloride content: 16,000 ppm Fluid volume: 300 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite:

Operator Name: HABIT PETROLEUM, LLC

Lease Name: BARTOS #5 SWD License #: 33864

Quarter NW Sec. 10 Twp. 10 S. R. 21 East West

County: GRAHAM Permit #: E-30229

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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: President Date: 12-13-10

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: wo Dg Date: 12/30/10

Operator Name: Habit Petroleum LLC Lease Name: BARTOS Well #: 11
 Sec. 10 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 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 checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: RADIATION GUARD LOG DUAL RECIEVER CEMENT BOND	<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>3832</td> <td>-1559</td> </tr> </table>	Name	Top	Datum	Arbuckle	3832	-1559
Name	Top	Datum					
Arbuckle	3832	-1559					

CASING RECORD <input checked="" 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	10 3/4	8 5/8	24#	247	COMMON	175	
Production	7 7/8	5 1/2	14#	3886	EA-2	150	EA-2

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	3845-47	COMMON	175	

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
4SPF	3839 TO 3847	3,000 GALS OF 15% NE	
		5,240 OF POLYMER MIX	

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>3852</u> Packer At: <u>NONE</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____										
Estimated Production Per 24 Hours	<table style="width:100%; border-collapse: collapse;"> <tr> <td>Oil Bbls.</td> <td>Gas Mcf</td> <td>Water Bbls.</td> <td>Gas-Oil Ratio</td> <td>Gravity</td> </tr> <tr> <td>40</td> <td></td> <td>132</td> <td></td> <td>28</td> </tr> </table>	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	40		132		28
Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity							
40		132		28							

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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3830</u> <u>3850</u>
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ALLIED CEMENTING CO., LLC. 33917

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE <u>4-19-10</u>	SEC. <u>10</u>	TWP. <u>10</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>5:00 pm</u>	JOB FINISH <u>5:30 pm</u>
<u>Bartos</u> LEASE	WELL # <u>11</u>		LOCATION <u>Church of God 2 South</u>	<u>Graham</u>	<u>KS</u>	COUNTY	STATE
OLD OR NEW (Circle one)			<u>to Rd. F 1/2 West South into.</u>				

CONTRACTOR Professional Pulling Service
 TYPE OF JOB Port Collar - Top stage
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 7/8 DEPTH 1798'
 DRILL PIPE _____ DEPTH _____
 TOOL Port Collar DEPTH 1798'-1800'
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 9 Bbl

EQUIPMENT
 PUMP TRUCK # 417 CEMENTER John Roberts
 HELPER Matt
 BULK TRUCK # 473 DRIVER Glenn
 BULK TRUCK # _____ DRIVER _____

REMARKS:

Test 900 psi Open Port collar
Est. Circulation Mix 350 sk Cement
to circulate cement to surface.
Displace w/ 9 bbl H2O. Close port
collar and test to 900 psi. Ran
6 ft tubing and wash hole clean.

Cement Did Circulate!
John Roberts Thank You!

CHARGE TO: Habit Petroleum
 STREET _____
 CITY _____ STATE _____ ZIP _____

OWNER (used 350 sk cement)
 CEMENT AMOUNT ORDERED 350 Lite 1/4 # Flo
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
LITE 350 sks @ 11.85 4,147.50
Flo seal 87.5 lbs @ 2.45 ~~213.15~~
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 HANDLING 175 @ 2.25 393.75
 MILEAGE 10.5 sk/par/c 1050.00
 TOTAL ~~5803.65~~
5,804.40

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 991.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 60 @ 7.00 420.00
 MANIFOLD _____ @ _____
 _____ @ _____
 RECEIVED _____ @ _____
 DEC 29 2010 TOTAL 1411.00

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 PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment

JOB LOG

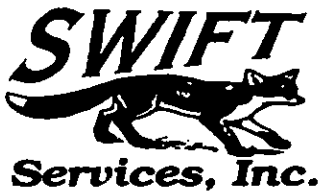
SWIFT Services, Inc.

DATE 4-11-10 PAGE NO. 7

CUSTOMER *Habit Petroleum* WELL NO. *#1* LEASE *Bartos* JOB TYPE *Longstring* TICKET NO. *17455*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0200							on loc w/FE
								RTD. 3900' 5 1/2" x 14# x 3898' x 27' Cent. 1, 3, 5, 7, 9, 11, 13, 49 Basket 3, 50 P.C. 51 @ 1802'
	0420							start FE
	0600							Break Circ.
	0625	2.5	7					Plug RH 25sks EA-2
	0630	4.5	0				250	Start Mud Flush
		4.5	12/0				250	Start KCL flush
		5.5	20/0				300	Start Cement 150sks EA-2
	0645		36					End Cement Wash P & L Drop Plug
	0650	6.5	0				250	Start Displacement
		5	71				300	Catch Cement
	0705		94.5				200/1400	Land Plug Release pressure Float Held

Thank you
Nick, Josh F. & Russ
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CHARGE TO: Habit Petroleum
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
17455

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Hays, Ks. WELL/PROJECT NO. #1 LEASE Bartos COUNTY/PARISH Graham STATE Ks CITY DATE 4-11-10 OWNER same
 2. Ness City, Ks. TICKET TYPE SERVICE CONTRACTOR American Eagle RIG NAME/NO. SHIPPED VIA et DELIVERED TO Location ORDER NO.
 3. WELL TYPE oil WELL CATEGORY OWUO JOB PURPOSE longstring (washed) WELL PERMIT NO. WELL LOCATION
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575		1			MILEAGE #111	40	mi	5	00	200.00
578		1			Pump Charge (longstring)	1	ea	3900	00	1400.00
221		1			KCL	2	gal	25	00	50.00
281		1			Mudflush	500	gal	1	00	500.00
290		1			D-Air	2	gal	35	00	70.00
402		1			Centralizer	8	ea	55	00	440.00
403		1			Baskets	2	ea	200	00	400.00
404		1			Port Collar	1	ea	1900	00	1900.00
406		1			LD Plug + Baffle	1	ea	225	00	225.00
407		1			Insert + Float Shoe w/fill	1	ea	275	00	275.00

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LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED 4-11-10 TIME SIGNED 0720 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 1	5460.00
page 2	3278.50
subtotal	9238.50
Graham TAX 6.55%	459.16
TOTAL	9697.66

DUANE STECKLEIN

**PETROLEUM GEOLOGIST —
579 280TH AVE.
HAYS, KANSAS 67601
785-432-2477**

GEOLOGICAL REPORT

**Habit Petroleum, LLC
Bartos #11
990' FNL & 1360' FWL
SEC. 10 TWP. 10s RGE. 21w
Graham County, Kansas**

**COMMENCED: 4/5/10
COMPLETED: 4/10/10
CONTRACTOR: American Eagle Drilling
SURFACE PIPE: 8 ½ at 247'
PRODUCTION PIPE: 5 ½ at 3898'**

May 8, 2010

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Formation Data

Elevation: (2266' G.L.) – (2273' K.B.)
All top formations measured from 2273 K.B.

<u>FORMATION</u>	<u>LOG TOPS</u>	<u>SEA-LEVEL DATUM</u>
Topeka	3264	-991
Heebner	3468	-1194
Toronto	3490	-1217
Lansing-K.C.	3506	-1233
Base-K.C.	3733	-1460
Cherty Conglomerate	3794	-1521
Simpson Sand	3820	-1547
Arbuckle	3832	-1559

All samples were examined and described by me on actual location and did not start until a depth of 3650' 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 3700' to 3900', and all zones were examined by five foot samples at a rotary depth of 3650' to 3900'.

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Sample Description

Following are the pertinent geological formations and all zones of subject well Bartos #11.

THE FOLLOWING ZONES WERE NOTED:

LANSING – K.C.

(H-Zone)	3644-3646	Limestone – tan to cream, fine crystalline to dense, poor inter porosity with a show of oil stain to free oil when broken, no odor.
(I-Zone)	3665-3670	Limestone – white to cream, dense lime, poor to no inter porosity, no show of oil.
(J-Zone)	3686-3688	Limestone – same as above.
(K-Zone)	3710-3714	Limestone – white, fine to medium crystalline, show of vuggy porosity with a show of oil stain, no odor, fair inter porosity.

CHERTY CONGLOMERATE

3794-3820 Chert – multicolored, show of black residual stain, poor to no inter porosity.

SAND 3823-3828 Sand – translucent and clear, subrounded, friable, show of free oil.

ARBUCKLE 3832-3839 Dolomite – cream, medium to coarse crystalline with vuggs in part, fair inter porosity with a show of oil stain to free oil, fair odor.

3844-3848 Dolomite – same as above (looks like it could carry more water).

3857-3860 Dolomite – white and scattered pink dolomite, scattered show of oil stain, fine to medium crystalline, poor inter porosity, slight odor, (watered out).

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3861-3878 Dolomite – white, cream, and pink, dense,
poor to no inter porosity, very slight show of
oil stain.

3880-3900 Dolomite – same as above (barren).

Remarks and Conclusion

The Bartos #1 was drilled by Heartland Enterprizes in 1983 as a dry hole. Habit petroleum washed down the Bartos #1 and drilled out of the original hole around 1,000 ft. deep and made new hole and called it the Bartos #11. The operator of Habit Petroleum drilled deeper into the Arbuckle formation and set 5 ½ casing to further test the well.

Respectfully submitted,

Duane Stecklein, Geologist

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