

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 # 33051
Name: C D OIL, Inc.
Address 1: 3236 Virginia Rd
Address 2: _____
City: Wellsville State: Ks Zip: 66092 + _____
Contact Person: Carl (Clay) Hughes
Phone: (913) 963-9127
CONTRACTOR: License # 5682
Name: Hughes Drilling Company
Wellsite Geologist: non
Purchaser: High Sierra

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>5/3/10</u>	<u>5/5/10</u>	<u>7/15/10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 121-28,764-0000
Spot Description: _____
S2 NE Sec. 2 Twp. 16 S. R. 21 East West
3,300 3299 Feet from North / South Line of Section
1,320 1344 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Miami
Lease Name: Batdorf Well #: B-9
Field Name: Paola-Rantoul
Producing Formation: Squirrel
Elevation: Ground: 1020 Kelly Bushing: _____
Total Depth: 745 Plug Back Total Depth: 732
Amount of Surface Pipe Set and Cemented at: 20.3 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 732 735
feet depth to: surface w/ 11 1/4 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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: Carl C Hughes
Title: president Date: 8/4/10

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: RECEIVED
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dg KCC WICHITA
AUG 13 2010
8/17/10

Operator Name: C D OIL, Inc. Lease Name: Batdorf Well #: B-9
 Sec. 2 Twp. 16 S. R. 21 East West County: Miami

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: <i>Gamma Ray / Neutron</i>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" 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>Hertha</td> <td>400-405</td> <td></td> </tr> <tr> <td>1st Squirrel</td> <td>698-710</td> <td></td> </tr> </table>	Name	Top	Datum	Hertha	400-405		1st Squirrel	698-710	
Name	Top	Datum								
Hertha	400-405									
1st Squirrel	698-710									

CASING RECORD <input type="checkbox"/> New <input checked="" 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	11"	8"	15#	20.3	portland	5	
Production	5 5/8"	2 7/8"	7#	735'	50/50 poz	112	2% gel

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				

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
3	31 perfs-700'-710'-2" DML RTG	fracture-6,000#	700-710

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. 7/16/10		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	Oil Bbls. 2	Gas Mcf trace
		Water Bbls. 1
		Gas-Oil Ratio
		Gravity 29

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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: 700-710 <div style="text-align: center; font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">AUG 13 2010</div>
--	--	---



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 26860
LOCATION Ottawa KS
FOREMAN Fred Maden

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5/5/10	3532	Batdorf B-9	NE 2	16	21	MI
CUSTOMER ACD Oil			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 3236 Virginia Rd			495	Fred	Safety Mtg	
CITY Wellsville			548	Aylan	ARM	
STATE KS			506	Chuck	CWC	
ZIP CODE 66092						

JOB TYPE _____ HOLE SIZE 5 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT 2 7/8" EVE
 CASING DEPTH 745' DRILL PIPE Pin @ HOUSING 734' OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING 2 1/2 Plug
 DISPLACEMENT 4.26 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BBL' min

REMARKS: Establish Circulation. Mix Pump 100# Premium Gel Flush
Mix + Pump 114 sks 50/50 Por Mix Cement 29 Gal Cement
to Surface. Flush pump + lines clean. Displace 2 7/8" Rubber
Plug to Pin in casing w/ 4.26 BBL Fresh water. Pressure
to 600# PSI. Shut on Casing

Fred Maden

Customer Supplied Water

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump		900 ⁰⁰
5406	20 mi	MILEAGE Pump Truck		71 ⁰⁰
5402	745'	Casing Footage		N/C
5407	Minimum	Ton Mileage		305 ⁰⁰
1124	112 sks	50/50 Por Mix Cement		1069 ⁶⁰
118B	292#	Premium Gel		496 ⁴
4402	1	2 7/8" Rubber Plug		23 ⁰⁰
		WO# 234206		
			6.55%	SALES TAX
				ESTIMATED 74 ⁸²
				TOTAL 2493 ⁰⁶

Ravin 3737

AUTHORIZATION Dal R. Huber

TITLE _____

DATE _____ RECEIVED

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

KCC, WICHITA

HUGHES DRILLING REPORT

Well No. B-9 Size 7"
 Farm Bartdorf Feet 20.3
 Circulated 5 sx cement

PERMANENT CSG.
 Size.....
 Feet.....
 T. D. at Completion 745
 Contractor HUGHES DRILLING CO.

OPERATOR C.D. Oil, Inc.
33051

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	soil	2
18	clay	20
7	lime	27
5	shale	32
14	lime	46
7	shale	53
13	lime	66
4	shale	70
16	lime	86
29	shale	115
23	lime	138
24	shale	222
22	lime	244
27	shale	271
5	lime	276
16	shale	292
4	Red Bed	296
22	shale	318
2	lime	320
13	shale	333
25	lime	358
12	shale	370
23	lime	393
7	shale	400
4	lime	405
119	shale	524
3	gray sand	527
50	shale	577
5	lime	582
30	shale	612
10	lime	622
13	shale	635
3	lime	638
14	shale	652
12	lime	664
36	shale	690
1	lime	691
5	shale	696
2	lt shale	698
12	oil sand	710
35	shale	745

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
5/3/10	0	2	soil	① 21.5-21.5
20'	2	20	clay	② 22.5-44.0
5/4/10	20	27	lime	③ 22.5-66.5
5/	27	32	shale	④ 22.5-89.0
5/8 PDC	32	46	lime	⑤ 22.5-111.5
(5 paddle)	46	53	shale (slate 52-53)	⑥ 22.5-134.0
	53	66	lime	⑦ 22.5-156.5
	66	70	shale	⑧ 22.5-179.0
	70	86	lime	⑨ 22.5-201.5
	86	115	shale	⑩ 22.5-224.0
	115	138	lime	⑪ 22.5-246.5
	138	222	shale	⑫ 22.5-269.0
	222	244	lime	⑬ 22.5-291.5
	244	271	shale	⑭ 22.5-314.0
	271	276	lime	⑮ 22.5-336.5
	276	292	shale	⑯ 22.5-359.0
	292	296	Red Bed	⑰ 22.5-381.5
	296	318	shale	⑱ 22.5-404.0
	318	320	lime	⑲ 22.5-426.5
	320	333	shale	⑳ 22.5-449.0
30'	333	358	lime	㉑ 22.5-471.5
	358	370	shale (slate 362-364)	㉒ 22.5-494.0
20'	370	393	lime	㉓ 22.5-516.5
	393	400	shale	㉔ 22.5-539.0
Hertha	400	405	lime	㉕ 22.5-561.5
	405	524	shale (BRK 411-416)	㉖ 22.5-584.0
	524	527	gray sand	㉗ 22.5-606.5

5/3/10 set 20.3' of 7" surface pipe
 circulated 5 sacks cement to surface

Drillers - Isaac Burbank
 Eric Schulz

RECEIVED

AUG 13 2010

KCC WICHITA

HUGHES DRILLING CO.

(PS)

Wellsville, Kansas 66092

Roger 913-883-2235
Darrel 913-883-4027

CORE TIME

Ron 913-883-4655
Clay 913-883-4383

LEASE Garhart B-9

FORMATION #1 squirrel

DATE: 5/4/10

(RPM 3" show bit)

FROM	FEEET TO	TIME	MINUTES	REMARKS
698	699	Chip sample	—	Sand lamin w/shale 698-700
① 699	700	4:43:00-4:44:00	1:00	(Bleeding Oil)
② 700	701	4:44:45	:45	Sand slightly lamin w/shale
③ 701	702	4:45:30	:45	(Bleeding) 700-702
④ 702	703	4:46:45	1:15	- shale
⑤ 703	704	4:47:30	:45	Sand lamin w/shale
⑥ 704	705	4:48:30	1:00	(Bleeding) 703-705
⑦ 705	706	4:49:15	:45	- Sand slightly lamin w/shale (B)
⑧ 706	707	4:50:15	1:00	} sdy shale A Few thin sand s. (little Bleeding)
⑨ 707	708	4:51:15	1:00	
⑩ 708	709	4:52:15	1:00	
⑪ 709	710	4:53:15	1:00	- sand slightly lamin w/shale
⑫ 710	711	4:54:15	1:00	(Bleeding)
⑬ 711	712	4:55:30	1:15	} shale
⑭ 712	713	4:56:45	1:15	
⑮ 713	714	4:57:45	1:00	
⑯ 714	715	4:59:00	1:15	
⑰ 715	716	5:00:00	1:00	
⑱ 716	717	5:01:15	1:15	
⑲ 717	718	5:02:30	1:15	
⑳ 718	719			(Best Perf Zone) 700-710 cch)

RECEIVED

AUG 13 2010

KCC WICHITA