

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33051  
Name: C D OIL, Inc.  
Address: 3236 Virginia Rd  
City/State/Zip: Wellsville, Ks. 66092  
Purchaser: CMT  
Operator Contact Person: Carl (Clay) Hughes  
Phone: (913) 963-9127  
Contractor: Name: Hughes Drilling Co.  
License: 5682  
Wellsite Geologist: none

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

10/26/07	10/29/07	11/20/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 121-28517 ~00-00  
County: Miami  
C    NW    SW    NW Sec. 1 Twp. 16 S. R. 21  East  West  
3630 feet from (S) / N (circle one) Line of Section  
4950 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Mosher Well #: 16  
Field Name: Paola-Rantoul  
Producing Formation: Squirrel

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_  
Total Depth: 710 Plug Back Total Depth: 700  
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 700  
feet depth to surface w/ 109 sx cmt.

**Drilling Fluid Management Plan** *ALT II WITH 2-22-08*  
(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 No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

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: 1/30/08  
Subscribed and sworn to before me this 30 day of January  
2008  
Notary Public: Brenda F. Vickers  
Date Commission Expires: 12-03-09



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes | Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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KANSAS CORPORATION COMMISSION  
**FEB 01 2008**

CONSERVATION DIV.  
WICHITA, KS

Operator Name: C D OIL, Inc. Lease Name: Mosher Well #: 16  
 Sec. 1 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 copy of all Electric Wireline 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 <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Gamma Ray-Neutron</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum Hertha 366-373 Squirrel 659-669
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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	10 7/8	7"	15	20	portland	10	
production	5 5/8	2 7/8	7	700	50/50 poz mix	109	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 (Amount and Kind of Material Used)	Depth
4	31 perfs 660.5-668 2" DML RTG	fracture-6000# sand	660.5-668

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <b>11/21/07</b>	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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	3	trace	1	30

Disposition of Gas <input 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 <input type="checkbox"/> Other (Specify) _____	Production Interval
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 WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, LLC  
 P.O. BOX 884, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER 15779  
 LOCATION Ottawa KS  
 FOREMAN Fred Mader

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/29/07	3532	Masher #16	1	16	21	M1
CUSTOMER C D Oil			TRUCK #			
MAILING ADDRESS 3236 Virginia Rd			DRIVER			
CITY Wellsville			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 66092			TRUCK #			
			DRIVER			

JOB TYPE Logging HOLE SIZE 5 7/8 HOLE DEPTH 710 CASING SIZE & WEIGHT 2 3/8 EVE  
 CASING DEPTH 700' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2 Plug  
 DISPLACEMENT 4.1 BBH DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Check casing depth w/ wire line. Establish circulation  
Mix + Pump 100# Premium Gel Flush. Mix + Pump 111 SKS  
50/50 Poz mix Cement w/ 2% Gel. Cement to Surface.  
Flush pump + lines clean. Displace 2 1/2" Rubber  
plug to casing TD w/ 4.1 BBH Fresh water.  
Pressure to 600# PSI. Shut in casing.

Customer Supplied H2O.  
Company Tools Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE <u>Cement Pump</u>	495	840.00
5406	25mi	MILEAGE <u>Pump Truck</u>	495	8250
5407	Minimum	<u>Tax Mileage</u>	510	285.00
1124	109 SKS	50/50 Poz Mix Cement		964.65
1118B	287 #	Premium Gel		43.05
4402	1	2 1/2" Rubber Plug		20.10
		Sub Total		2235.20
		Tax @ 6.55%		67.31
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		CONSERVATION DIVISION		
		WICHITA, KS	SALES TAX	
			ESTIMATE	
			TOTAL	2302.51

AUTHORIZATION Dannell TITLE Watt # 217890 DATE \_\_\_\_\_

op. C. D. OIL, Inc.

# HUGHES DRILLING REPORT

S. 1, T. 16, R. 21 E  
 3630 FSL  
 4950 FEL  
 FORMATION DRILLED  
 AP# 15-121-28517

SET IN PIPE

PERMANENT CSG.

TUBING

Well No. 16 Size 7" (5 1/2")  
 Farm Masher Feet 200 (10 SX)  
 Water Streak @ Cond. good (cement)  
 Water Level @ Top Sand  
 T. D. at Completion 710'  
 Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION CALLED	T.O.
2	Soil	2
16	Lime	18
7	Shale	25
11	Lime	36
5	Shale	41
21	Lime	62
26	Shale	88
19	Lime	107
80	Shale	187
20	Lime	207
33	Shale	240
6	Lime	246
15	Shale	261
5	Red Bed	266
20	Shale	286
2	Lime	288
11	Shale	299
30'	25 Lime	324
8	Shale	332
20'	22 Lime	354
5	Shale	359
4	Lime	363
3	Shale	366
Hertha	7 Lime	373
170	Shale	543
5	Lime	548
30	Shale	578
9	Lime	587
13	Shale	600
3	Lime	603
14	Shale	617
8	Lime	625
13	Shale	638
3	Lime	641
18	Shale	659
1	Brk Sand	660
1.5	Shale	661.5
1.5	Oil Sand	669
41	Shale	710
		T.O.

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
12/26/07		0	2	Soil	① 21.5 - 21.5
		2	18	Lime	② 22.5 - 44.0
20'		18	25	Shale (Dark) slate 24-25	③ 22.5 - 66.5
10/27/07		25	36	Lime	④ 22.5 - 89.0
		36	41	Shale	⑤ 22.5 - 111.5
5 1/8 Bottom		41	62	Lime	⑥ 22.5 - 134.0
		62	88	Shale	⑦ 22.5 - 156.5
		88	107	Lime	⑧ 22.5 - 179.0
		107	187	Shale	⑨ 22.5 - 201.5
		187	207	Lime	⑩ 22.5 - 224.0
		207	240	Shale	⑪ 22.5 - 246.5
		240	246	Lime	⑫ 22.5 - 269.0
		246	261	Shale	⑬ 22.5 - 291.5
		261	266	Red Bed	⑭ 22.5 - 314.0
		266	286	Shale	⑮ 22.5 - 336.5
		286	288	Lime	+1.5 ⑯ 22.5 - 359.0
		288	299	Shale	⑰ 22.5 - 381.5
30'		299	324	Lime	⑱ 22.5 - 404.0
		324	332	Shale (Slate 328-330)	⑲ 22.5 - 426.5
20'		332	354	Lime	⑳ 22.5 - 449.0
		354	359	Shale (Slate 358-359)	㉑ 22.5 - 471.5
		359	363	Lime	㉒ 22.5 - 494.0
		363	366	Shale	㉓ 22.5 - 517.0
3 1/2" Hertha		366	373	Lime	㉔ 22.5 - 539.5
379		373	547	Shale (BRK 375-378)	㉕ 22.5 - 562.0
way		547	548	Lime (Broken)	㉖ 22.5 - 584.5
Bit		548	578	Shale	㉗ 22.5 - 607.0

10/26/07 set 20' of 7" surface  
 circulated 10 sacks cement  
 to surface

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# HUGHES DRILLING CO.

Wellsville, Kansas 66092

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

CORE TIME

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

LEASE Mosher #16  
FORMATION #1 Squirrel Squirrel  
DATE: 10/28/07

(RPM 3" Shave Bit)

FROM	FEET TO	TIME	MINUTES	REMARKS
659	660	Chip Sample	—	Sand very lamin w/shale (some bleed)
① 660	661	11:31:00-11:31:45	:45	} Sdy shale 660-661.5
② 661	662	11:32:30	:45	
③ 662	663	11:33:30	1:00	} solid sand 661.5-662.5 (Good Bleeding Oil)
④ 663	664	11:34:15	:45	
⑤ 664	665	11:35:15	1:00	} Sand lamin, w/shale (Bleeding Oil) 662.5-663.5
⑥ 665	666	11:36:00	:45	
⑦ 666	667	11:37:00	1:00	} solid sand 663.5-666.5 (Good Bleeding Oil)
⑧ 667	668	11:38:00	1:00	
⑨ 668	669	11:39:00	1:00	} shale 666.5-667
⑩ 669	670	11:40:15	1:15	
⑪ 670	671	11:41:30	1:15	} Solid sand 667-668 (Good Bleed)
⑫ 671	672	11:42:30	1:00	
⑬ 672	673	11:43:45	1:15	} Sand very lamin w/shale (Bleeding)
⑭ 673	674	11:45:00	1:15	
⑮ 674	675	11:46:15	1:15	} (Best Perf Zone) 661.5-669 cor
⑯ 675	676	11:47:30	1:15	
⑰ 676	677	11:48:45	1:15	} Midwest surveys Perfed 660.5-668 11/16/07
⑱ 677	678	11:50:00	—	
⑲ 678	679			
⑳ 679	680			

SHALE RECEIVED  
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