

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 5682
Name: Hughes Drilling Co.
Address: 122 N. Main
City/State/Zip: Wellsville, Ks. 66092
Purchaser: CMT
Operator Contact Person: Carl C. Hughes
Phone: (785) 883-2235
Contractor: Name: Hughes Drilling Co.
License: 5682
Wellsite Geologist: none

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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. _____

<u>9/24/07</u>	<u>9/26/07</u>	<u>11/8/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 011-23325 -00-00
County: Bourbon
SE NE SE SE Sec. 22 Twp. 23 S. R. 22 East West
930 feet from (S) / N (circle one) Line of Section
220 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Smith Well #: 3
Field Name: Bronson-Xenia

Producing Formation: Bartlesville
Elevation: Ground: na Kelly Bushing: _____
Total Depth: 550 Plug Back Total Depth: 532
Amount of Surface Pipe Set and Cemented at 21.70 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 532
feet depth to surface w/ 68 sx cmt.

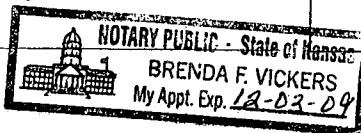
Drilling Fluid Management Plan Att II ncr 1-26-09
(Data must be collected from the Reserve Pit)

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: partner Date: 11/31/08
Subscribed and sworn to before me this 31 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

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 04 2008
CONSERVATION DIVISION
WICHITA KS

Operator Name: Hughes Drilling Co. Lease Name: Smith Well #: 3
 Sec. 22 Twp. 23 S. R. 22 East West County: Bourbon

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: Gamma Ray- Neutron	<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>Upper Bartlesville</td> <td>465-469</td> <td></td> </tr> <tr> <td>Bartlesville</td> <td>490-502</td> <td></td> </tr> </table>	Name	Top	Datum	Upper Bartlesville	465-469		Bartlesville	490-502	
Name	Top	Datum								
Upper Bartlesville	465-469									
Bartlesville	490-502									

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	21.70	portland	7	
production	5 5/8	2 7/8	7	532	50/50 poz mix		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	41 perfs 2' DML RTG 491-501	fracture-7000# sand	491-501

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 11/9/07		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
	2	trace	10		22

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

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CONSERVATION DIVISION
WICHITA, KS

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

TICKET NUMBER 15696
LOCATION Ottawa KS
FOREMAN Fred Mader

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE <u>9/26/07</u>	CUSTOMER # <u>3425</u>	WELL NAME & NUMBER <u>Smith # 3</u>	SECTION <u>22</u>	TOWNSHIP <u>23</u>	RANGE <u>22</u>	COUNTY <u>LB</u>
CUSTOMER <u>Hughes Drilling</u>			TRUCK # <u>506</u>	DRIVER <u>Fred</u>	TRUCK #	DRIVER
MAILING ADDRESS <u>122 Main</u>			<u>164</u>	<u>Rick</u>		
CITY <u>Wellsville</u>	STATE <u>Ks</u>	ZIP CODE <u>66092</u>	<u>510</u>	<u>Ken</u>		
JOB TYPE <u>long string</u>	HOLE SIZE <u>5 5/8</u>	HOLE DEPTH <u>550'</u>	CASING SIZE & WEIGHT <u>2 1/8 EVE</u>			
CASING DEPTH <u>532</u>	DRILL PIPE	TUBING	OTHER			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING <u>2 1/2 Plug</u>			
DISPLACEMENT <u>3.1 BBL</u>	DISPLACEMENT PSI	MIX PSI	RATE <u>4BPM</u>			

REMARKS: Check casing depth w/ wireline. Establish circulation
Mix & Pump @ 100* Premium Gel Flush. Mix & Pump
67 sks 50/50 for Mix Cement 2 1/2 Gel. Cement to Surface.
Flush pump & lines clean. Displace 2 1/2" Rubber plug
to pin in casing @ w/ 3.1 BBL Fresh water. Pressure
to 600* PSI. Shut in casing

Company Tools
Rig Supplied H₂O.

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump		840.00
5406	60 mi	MILEAGE Pump Truck		198.00
5407	Minimum	Ton Mileage		285.00
1124	66 sks	50/50 for Mix Cement		584.10
1119B	213*	Premium Gel		3125
4402	1	@ 2 1/2 Rubber Plug		20.00
		Sub Total		1959.00
		Tax @ 4.3%		41.66

SALES TAX ESTIMATED TOTAL 2000.66

AUTHORIZATION Clay Hughes

TITLE WOT 216793

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CONSERVATION DIVISION

HUGHES DRILLING REPORT

S 22, T 23 S, R 22 W

930 FSL
220 FBL

FORMATION DRILLED
APR 011-23325

OP. - Hughes Drilling Co.

SET IN PIPE

PERMANENT CSG.

TUBING

Well No. #3 Size 7" (Cemented) Size
 Farm Smith Feet 21.70 (with 1" cement) Feet
 Water Streak @ Cond. new 7 5/8 Cond.
 Water Level @ Top Sand T. D. at Completion 550
 Approved _____ Contractor HUGHES DRILLING CO.
 Superintendent _____

STRATA THICKNESS	FORMATION	T.O.
2	Soil	2
11	clay	13
35	shale	48
2	Lime	50
59	shale	109
11	lime	120
71	shale	191
17	lime	208
8	shale	216
6	lime	222
40	shale	262
18	lime	280
7	shale	287
3	lime	290
105	shale	395
1	lime	396
25	shale	421
1	lime	422
43	shale	465
4	oil sand	469
21	shale	490
12	oil sand	502
4	blk sand	506
2	coal	508
42	shale	550
		TD

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
9/24/07		0	2	Soil	① 22.0-22.0
		2	13	clay	② 22.5-44.5
21'		13	48	shale	③ 22.5-67.0
9/25		48	50	lime	④ 22.5-89.5
drag bit		50	109	shale	⑤ 22.5-112.0
		109	120	lime	⑥ 22.5-134.5
		120	191	shale (sdy 124-150)	⑦ 22.5-157.0
		191	208	lime (oil track slate 185-186)	⑧ 22.5-179.5
		208	216	shale	⑨ 22.5-202.0
		216	222	lime	⑩ 22.5-224.5
		222	262	shale (slate 223-224)	⑪ 22.5-247.0
		262	280	lime (oil show 270-273)	⑫ 22.5-269.5
		280	287	shale (slate 280-281)	⑬ 22.5-292.0
		287	290	lime	⑭ 22.5-314.5
		290	395	shale (lime break 365)	⑮ 22.5-337.0
		395	396	lime	⑯ 22.5-359.5
		396	421	shale (slate 397-399)	⑰ 22.5-382.0
		421	422	lime	⑱ 22.5-404.5
		422	465	shale	⑲ 22.5-427.0
468'		465	469	oil sand (core time pg 2)	⑳ 22.5-449.5
9/26/07		469	490	shale	㉑ 22.5-472.0
		490	502	oil sand (core time pg 3)	㉒ 22.5-494.5
		502	506	black sand & sdy lime	㉓ 22.5-517.0
		506	508	coal	㉔ 22.5-539.5
		508	550	shale	
		TD			

9/26/07 - Set 532' of 2 7/8" grad set pipe used 3 centralizers (Bottom)

9/24/07 - set 21.70' of 7" surface pipe circulated 7 sacks cement

KD 18'
Start cor. 468
28 lbs left

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CONSERVATION DIVISION
WICHITA, KS

HUGHES DRILLING CO.

Wellsville, Kansas 66092

Roger 913-883-2235
Darral 913-883-4027

CORE TIME

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

LEASE Smith #3

FORMATION Bartlesville

DATE: 9/25/07

(RPM 3" Shave Bit)

FROM	FEET TO	TIME	MINUTES	REMARKS
465	466	Chip Sample		Sand lamin w/shale (Bleeding oil)
466	467	Chip Sample		466-469 Solid fine grain sand (Bleeding oil)
467	468	Chip Sample		
① 468	469	12:28:00-12:28:45	:45	
② 469	470	12:29:30	:45	SHALE (Approx 17 gravity Heavy oil)
③ 470	471	12:30:15	:45	
④ 471	472	12:36:00-12:36:45	:45	
⑤ 472	473	12:37:30	:45	
⑥ 473	474	12:38:15	:45	
⑦ 474	475	12:39:15	1:00	
⑧ 475	476	12:40:00	:45	
⑨ 476	477	12:41:00	1:00	
⑩ 477	478	12:42:00	1:00	
⑪ 478	479	12:42:45	:45	
⑫ 479	480	12:43:30	:45	
⑬ 480	481	12:44:15	:45	
⑭ 481	482	12:45:15	1:00	
⑮ 482	483	12:46:00	:45	
⑯ 483	484	12:46:45	:45	
⑰ 484	485	12:47:30	:45	
⑱ 485	486	12:48:30	1:00	
⑲ 486	487	12:49:30	1:00	
⑳ 487	488	12:50:15	:45	

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CONSERVATION DIVISION
WICHITA, KS

HUGHES DRILLING CO.

Wellsville, Kansas 66092

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

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

LEASE SMITH #3 CORE TIME
FORMATION Bartlesville
DATE: 9/25/07

(RPM 3" Share Bit)

	FROM FEET	TO	TIME	MINUTES	REMARKS
1	488	489	2:11:00-2:12:00	1:00	} SHALE (oil sand streak at 488)
2	489	490	2:12:45	:45	
3	490	491	2:13:45	1:00	} solid sand 490-491.5 (bleeding oil)
4	491	492	2:14:30	:45	
5	492	493	2:15:15	:45	} slightly lamina w/shale (6) 491.5-492 } solid sand
6	493	494	2:21:00-2:21:45	:45	
7	494	495	2:22:45	1:00	} sdy line 494-495.5 (SB)
8	495	496	2:23:30	:45	
9	496	497	2:24:15	:45	} sand slightly lamina w/shale (bleeding oil) 495.5-498
10	497	498	2:25:00	:45	
11	498	499	2:25:30	:30	} solid sand (bleeding oil) 498-500
12	499	500	2:26:15	:45	
13	500	501	2:27:00	:45	} sand lamina w/sdy line (some bleeding) 500-502
14	501	502	2:27:45	:45	
15	502	503	2:28:45	1:00	} sand lamina w/sdy line
16	503	504	2:29:30	:45	
17	504	505	2:30:15	:45	} " " of Black sand (w/ate)
18	505	506	2:30:45	:30	
19	506	507	2:31:15	:30	} coal
20	507	508	2:32:00	:45	
					shale
					(Best perf zone 490-500 cch)

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CONSERVATION DIVISION WICHITA, KS

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