

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

011-23375-0000

Operator: License # 5682  
Name: Hughes Drilling Co.  
Address: 122 N. Main  
City/State/Zip: Wellsville, KS 66092  
Purchaser: CMT  
Operator Contact Person: Clay (Carl) Hughes  
Phone: (785) 883-2235  
Contractor: Name: company tools  
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. \_\_\_\_\_

<u>7/23/08</u>	<u>7/25/08</u>	<u>8/13/08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 001-23375  
County: Bourbon  
SW SW SW SW Sec. 23 Twp. 23 S. R. 22  East  West  
220 feet from (S) / N (circle one) Line of Section  
5060 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 #: 5  
Field Name: Bronson-Xenia  
Producing Formation: Bartlesville

Elevation: Ground: na Kelly Bushing: \_\_\_\_\_  
Total Depth: 545 Plug Back Total Depth: 530.75  
Amount of Surface Pipe Set and Cemented at 27.5 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 530.75  
feet depth to surface w/ 65 sx cmt.

**Drilling Fluid Management Plan** AA II MC  
(Data must be collected from the Reserve Pit) 12-17-08  
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. Hyler  
Title: partner Date: 10/22/08  
Subscribed and sworn to before me this 22 day of October,  
2008.  
Notary Public: Shelly Thomas  
Date Commission Expires: 5/18/11

**KCC Office Use ONLY**

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

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**OCT 27 2008**

**NOTARY PUBLIC**  
STATE OF KANSAS  
**SHELLY THOMAS**  
My Appl. Expn 5/18/11

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Hughes Drilling Co. Lease Name: Smith Well #: 5  
 Sec. 23 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 type="checkbox"/> No (Attach Additional Sheets)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input 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 (Submit Copy)  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 Bartlesville Top 478 Datum 496
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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	11	7"	16	27.5	portland	8	
production	5 5/8	2 7/8"	7	530.75	50/50 poz	65	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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
3	7 perms-479'-481'-2" DML-RTG	fracture-5000# sand	479-481
3	19 perms-483'-489'-2" DML-RTG		483-489

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TUBING RECORD		Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS	
Date of First, Resumerd Production, SWD or Enhr.		Producing Method					
8/14/08		<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		
	1	trace	5		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 \_\_\_\_\_

# HUGHES DRILLING REPORT

Well No. 5  
 Farm Smith  
 SURFACE CASING  
 Size 7"  
 Feet 27.50  
 Circulated 8 sx cement

PERMANENT CSG.  
 Size 2 7/8  
 Feet 530.75  
 T. D. at Completion 545  
 Contractor HUGHES DRILLING CO.

OPERATOR Hughes Drilling

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2
24	Clay	26
13	Shale	49 3/4
2	Lime	47
53	Shale	99
9	Lime	108
74	Shale	182
15	Lime	197
7	Shale	204
6	Lime	210
41	Shale	251
<del>17</del>	<del>Lime</del>	<del>268</del>
<del>7</del>	<del>Shale</del>	<del>275</del>
<del>5</del>	<del>Lime</del>	<del>280</del>
2	Shale	382
1	Lime	383
81	Shale	464
2	Sand	466
9	Shale	475
3	Br sand	478
16	Oil sand	489
6	Gr sand	496
1	Coal	497
48	Shale	545
		T.D.

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
7/23/08	0	2	Soil	(1) 22.0-22.0
27.50	2	26	Clay	(2) 22.5-44.5
7/24/08	26	31	Shale	(3) 22.5-67.0
PDL 5 5/8	31	41	Lime	(4) 22.5-89.5
	41	99	Shale	(5) 22.5-112.0
	99	108	LIME	(6) 22.5-134.5
	108	182	Shale (Sandy 120-143) X shale	(7) 22.5-157.0
	182	197	Lime Coils Trace (Slate 177-178)	(8) 22.5-179.5
	197	204	Shale 184-180	(9) 22.5-202.0
	204	210	Lime (Brown)	(10) 22.5-224.5
	210	251	Shale (Slate 212-213)	(11) 22.5-247.0
	251	268	Lime (oil Trace 255-260)	(12) 22.5-269.5
	268	275	Shale (Slate 268-269)	(13) 22.5-292.0
	275	280	Lime	(14) 22.5-314.5
	280	382	Shale Lime Break 365 (Slate 365-366)	(15) 22.5-337.0
	382	383	Lime (Brown)	(16) 22.5-359.5
	383	464	Shale (Slate 384-385)	(17) 22.5-382.0
	464	466	Gray Sand	(18) 22.5-404.5
	466	475	Shale	(19) 22.5-427.0
Battered	475	478	Broken sand } core time	(20) 22.5-449.5
494	478	489	oil sand } Py. 2	(21) 22.5-472.0
125/08	489	496	LT, Brown + Gray Sand	(22) 22.5-494.5
	496	497	Coal	(23) 22.5-517.0
	497	545	Shale	(24) 22.5-539.5
			T.D.	

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CONSERVATION DIVISION  
 WICHITA, KS

7/25/08 - set 530.75' of 2 7/8" 8' d upset pipe

12/3/08  
 set 27.50' of 7"  
 surface pipe  
 circulated 8 sx  
 cement

used 3 centralizers  
 Bolt at 528.75

# HUGHES DRILLING CO.

192

Wellsville, Kansas 66092

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

23-23-22  
220 FSL  
5060 FEL

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

CORE TIME  
LEASE Smith #5  
FORMATION Bartlesville  
DATE: 7/24/08

~~RPM~~ 3" Stave Bit

FROM	FEEET TO	TIME	MINUTES	REMARKS
		<del>chip sample</del>		
475	476	chip "	-	Hand Sand lamination w/shale (some bleeding)
476	477	chip "	-	
① 477	478	2:56:00-2:57:00	1:00	Sand slightly lamin. w/shale (some Ble)
② 478	479	2:57:45	:45	Solid Hand sand (some bleeding)
③ 479	480	2:58:30	:45	solid sand (exc. bleeding) Hand
④ 480	481	2:59:15	:45	
⑤ 481	482	2:59:45	:30	Lt. Brown sand (oil trace)
⑥ 482	483	3:00:15	:30	
⑦ 483	484	3:01:00	:45	Solid sand (bleeding oil)
⑧ 484	485	3:01:45	:45	
⑨ 485	486	3:02:15	:30	
⑩ 486	487	3:02:00	:45	
⑪ 487	488	3:03:45	:45	
⑫ 488	489	3:04:15	:30	
⑬ 489	490	3:04:45	:30	solid sand (oil + water)
⑭ 490	491	3:05:30	:45	
⑮ 491	492	3:06:30	1:00	490 - 496 Lt Brown & Gray sand (water)
⑯ 492	493	3:07:30	1:00	
⑰ 493	494	3:08:30	1:00	
⑱ 494	495	chip	-	STOP ADD JOINT
⑲ 495	496	chip	-	
⑳ 496	497	chip	-	

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CORPORATION DIVISION  
TOPEKA, KS

(Best Perf Zone  
479-481 + 483-489  
CGH)

CONSOLIDATED OIL WELL SERVICES **LLC**  
 P.O. BOX 884, CHANUTE, KS 66720  
 320-431-9210 OR 800-467-8676

TICKET NUMBER 16272  
 LOCATION Chan, KS  
 FOREMAN Cary Kennedy

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7/30/08	3425	Smith #5	22	23	22	BB
CUSTOMER Hughes Drilling			TRUCK #			
MAILING ADDRESS 122 Main			DRIVER		TRUCK #	
CITY Wellsville			DRIVER		TRUCK #	
STATE KS			DRIVER		TRUCK #	
ZIP CODE 66092			DRIVER		TRUCK #	
			DRIVER		TRUCK #	
			DRIVER		TRUCK #	

JOB TYPE Logging HOLE SIZE 5 7/8" HOLE DEPTH 545' CASING SIZE & WEIGHT 2 7/8" 8UG  
 CASING DEPTH 530' DRILL PIPE 1 1/2" TUBING 1 1/2" OTHER             
 SLURRY WEIGHT            SLURRY VOL            WATER gal/sk            CEMENT LEFT in CASING 2 1/2" rubber plug  
 DISPLACEMENT 3.08 bbls DISPLACEMENT PSI            MIX PSI            RATE 4 bpm  
 REMARKS: established circulation, mixed & pumped 200# Premium Gel followed by 10 bbls fresh water, mixed & pumped, 106 sks 50/50 Pozmix cement w/ 2 1/2" Premium Gel per sk, cement to surface, flushed pump clean, displaced 2 1/2" rubber plug to casing TD w/ 3.08 bbls fresh water, pressured to 700 PSI, shut in casing.

*Handwritten signature*

customer supplied water

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE cement pump		925.00
5406	32 miles	MILEAGE pump truck		116.80
5407	minimum	for mileage		315.00
1124	65 sks	50/50 Pozmix cement		633.75
1118B	311 #	Premium Gel		52.87
4402	1	2 1/2" rubber plug		23.00

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 WICHITA, KS

sub total				2066.42
SALES TAX				44.71
ESTIMATED TOTAL				2111.13

AUTHORIZATION Cary TITLE 224098 DATE             
 Received Time Jul. 30. 2008 3:24PM No. 5011