

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 # 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. \_\_\_\_\_  
7/21/08 7/23/08 8/13/08  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 011-23373-0000  
County: Bourbon  
W2 W2 SW SW Sec. 23 Twp. 23 S. R. 22 ☒ East ☐ West  
660 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 #: 2  
Field Name: Bronson-Xenia  
Producing Formation: Bartlesville  
Elevation: Ground: na Kelly Bushing: \_\_\_\_\_  
Total Depth: 550 Plug Back Total Depth: 539.45  
Amount of Surface Pipe Set and Cemented at 24.7 Feet  
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 539.45  
feet depth to surface w/ 83 sx cmt.

Drilling Fluid Management Plan A17 II nr  
(Data must be collected from the Reserve Pit) 12-12-08  
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. 7 Hughes  
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



SHELLY THOMAS  
My Appt. Exp. 5/18/11

**KCC Office Use ONLY**

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

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WICHITA, KS

Drill Stem Tests Taken ☐ Yes ☐ No  
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☒ Yes ☐ No

Electric Log Run ☒ Yes ☐ No  
(Submit Copy)

<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Name	Top	Datum
Bartlesville	491	502

<div style="text-align: center;"> <b>CASING RECORD</b>     <input type="checkbox"/> New     <input checked="" type="checkbox"/> Used            Report all strings set-conductor, surface, intermediate, production, etc.         </div>							
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	24.7	portland	9	
production	5 5/8	2 7/8"	7	539.45	50/50 poz	83	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
3	27 perms--491'-500--2" DML-RTG	fracture-5000# sand	491-500

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TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CONSERVATION DIVISION WICHITA, KS	
Date of First, Resumerd Production, SWD or Enhr. 8/14/08			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	
	1		trace		5			22	

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

TICKET NUMBER 16260  
LOCATION Ottawa KS  
FOREMAN Fred Mader

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7/23/08	3425	Smith # 2	23	23	22	BB
CUSTOMER						
Hughes Drilling						
MAILING ADDRESS						
122 main St.						
CITY	STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
Wellsville	Ks	66092	506	Fred		
			495	Brett		
			226	Gerid		

JOB TYPE <u>Long string</u>	HOLE SIZE <u>5 7/8</u>	HOLE DEPTH <u>50'</u>	CASING SIZE & WEIGHT <u>2 3/4" EUE</u>
CASING DEPTH <u>537' 0"</u>	DRILL PIPE <u>Pine</u>	TUBING <u>5 3/5'</u>	OTHER _____
SLURRY WEIGHT _____	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT in CASING <u>23 P/B</u>
DISPLACEMENT <u>3.18</u>	DISPLACEMENT PSI _____	MIX PSI _____	RATE <u>48 P/M</u>

REMARKS: Check casing depth w/ wireline. Mix Pump 100<sup>th</sup> Premium  
Gel Flush. & Mix Pump 85 SKS 50/50 For Mix  
Cement. Cement to surface. Flush pump & lines  
clean. Displace 2 1/2" Rubber plug to ~~surface~~ ~~top~~ "  
pin in casing @ 535' w/ 3.1 Bbl Fresh water.  
Pressure to 520<sup>th</sup> PSI. Shut in casing.

Reg Supplied  $H_2O$

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump	495	925 <sup>00</sup>
5406	55mi	MILEAGE Pump Truck	495	200 <sup>25</sup>
5407	minimum	Ton Mileage	226	315 <sup>00</sup>
1124	83.5Ks	50/50 Por Mix Cement		809 <sup>25</sup>
1115B	243 <sup>00</sup>	Propylm Gal		41 <sup>30</sup>
4402	1	2 1/2" Rubber Plug		23 <sup>00</sup>
		Sub Total		2314 <sup>30</sup>
		Tax @ 6.22		56.03
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		SALES TAX		

### AUTHORIZATION

**TITLE**

SALES TAX  
ESTIMATE  
TOTAL  
DATE

2369<sup>3</sup>

# HUGHES DRILLING REPORT

Well No. 2 SURFACE CASING  
 Farm Smith Size 7"  
 Feet 24.70  
 Circulated 9 sx cement

PERMANENT CSG.  
 Size 2 7/8  
 Feet 539.45

OPERATOR Hughes Drilling Co.

T. D. at Completion 550  
 Contractor HUGHES DRILLING CO.

Sec 22, Twp 22, Rng. 22  
Burns Co., Kansas  
660 FSL 5060 FEL  
 API # 15-011-23373

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
7/21/08	0	2	soil	(1) 22.0 - 22.0
	2	29	clay	(2) 22.5 - 44.5
24.70	29	85	shale (sandy 49-55)	(3) 22.5 - 67.0
7/22/08	85	95	lime (broken)	(4) 22.5 - 89.5
PDC 45 7/8	95	109	shale	(5) 22.5 - 112.0
<del>7/22/08</del>	109	118	lime	(6) 22.5 - 134.5
	118	124	shale (slate 118-119)	(7) 22.5 - 157.0
	124	140	gray sand	(8) 22.5 - 179.5
	140	189	shale (slate 185-186)	(9) 22.5 - 202.0
	189	211	lime (oil show 196-199) bleed	(10) 22.5 - 224.5
	211	213	shale	(11) 22.5 - 247.0
	213	219	lime (brown)	(12) 22.5 - 269.5
	219	261	shale (slate 220-221)	(13) 22.5 - 293.0
	261	280	lime (oil trace 266-271)	(14) 22.5 - 314.5
	280	284	shale (slate 280-281)	(15) 22.5 - 337.0
	284	289	lime	(16) 22.5 - 359.5
	289	393	shale (lime break 364) (slate 375-376)	(17) 22.5 - 382.0
	393	394	lime	(18) 22.5 - 404.5
	394	491	shale (slate 397-398)	(19) 22.5 - 427.0
Bartlesville	491	502	oil sand (core time pg 2)	(20) 22.5 - 449.5
	502	504 1/2	lt brown sand	(21) 22.5 - 472.0
509	504 1/2	506	coal	(22) 22.5 - 494.5
7/23	506	550	shale	(23) 22.5 - 517.0
			T.D.	(24) 22.5 - 539.5

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	soil	2
27	clay	29
56	shale	85
10	lime	95
14	shale	109
9	lime	118
6	shale	124
16	gray sand	140
49	shale	189
22	lime	211
2	shale	213
6	lime	219
42	shale	261
19	lime	280
4	shale	284
5	lime	289
104	shale	393
1	lime	394
97	shale	491
11	oil sand	502
2 1/2	br. sand	504
1 1/2	coal	506
44	shale	550
		T.D.

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7/21/08  
 + 24.70 of 7" surface pipe  
 circulated 4 sx cement

7/23/08 - Set 539.45 of 2 7/8" 8' deep  
 used 3 centralizers  
 Bolt at 537'

$\rho_g$

(BPM 3" Shave Bit)

**Ren 913-883-4655**  
**Clay 913-883-4383**

DATE: 7/22/08

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