

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

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: 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>6/22/07</u>	<u>6/26/07</u>	<u>7/25/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 011-23282 - 00 - 00
County: Bourbon
SE NW SE SE Sec. 22 Twp. 23 S. R. 22 East West
930 feet from (S) / N (circle one) Line of Section
665 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: 538
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 538
feet depth to surface w/ 64 sx cmt.

Drilling Fluid Management Plan AIF II NH 7-15-08
(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: partner Date: 8/16/07
Subscribed and sworn to before me this 16 day of August,
2007.
Notary Public: Gerlyn K. Green
Date Commission Expires: 9/25/2009

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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AUG 22 2007

NOTARY PUBLIC
STATE OF KANSAS
GERLYN K. GREEN
My Appt. Exp. 9/25/2009

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Hughes Drilling Co. Lease Name: Smith Well #: 2
 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 Name Top Datum Bartlesville 489 502.5
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CASING RECORD <input checked="" type="checkbox"/> New <input 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	portland	8	
production	5 5/8	2 7/8	7	538.5	50/50 poz mix	64	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	2" DML RTG 489-499	fracture--5000# 12-20 sand		489-499

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. 7/26/07		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	2		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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 WICHITA, KS

HUGHES DRILLING REPORT

Op. - Hughes Drilling Co

SET IN PIPE

PERMANENT CSG.

TUBING

Well No. # 2 Size 7" (circ 8) Size
 Farm Smith Feet 21' (5x cement) Feet
 Water Streak @ Cond. new Cond.
 Water Level @ Top Sand T. D. at Completion 550
 Approved _____ Contractor HUGHES DRILLING CO.
 Superintendent _____

S 22, T 23, R 22e
 930 FSL, 665 FEL
 FORMATION DRILLED
 API # 15-011-23,282

STRATA THICKNESS	FORMATION DRILLED	T. D.
2	soil	2
12	clay	14
35	shale	49
2	lime	51
31	shale	82
3	lime	85
22	shale	107
11	lime	118
4	shale	122
17	gray sand	139
49	shale	188
18	lime	206
7	shale	213
7	lime	220
40	shale	260
19	lime	279
3	slate	282
2	shale	284
3	lime	287
106	shale	393
2	lime	395
1	slate	396
38	shale	434
1	slate	435
21	shale	456
4	lt. shale	460
6	sch. shale	466
23	shale	489
13 1/2	oil sand	502
1 1/2	coal	504
46	shale	550
		TD

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
6/22/07		0	2	Soil	1 22.0-22.0
		2	14	clay	2 22.5-44.5
21'		14	49	Shale (slate 48-49)	3 22.5-67.0
Drugs Bit		49	51	lime	4 22.5-89.5
6/23/07		51	82	shale	5 22.5-112.0
		82	85	lime	6 22.5-134.5
		85	107	shale	7 22.5-157.0
		107	118	lime	8 22.5-179.5
		118	122	shale	9 22.5-202.0
		122	139	gray sand	10 22.5-224.5
		139	188	shale (slate 186-188)	11 22.5-247.0
		188	206	lime (RainBow 189-193)	12 22.5-269.5
		206	213	shale	13 22.5-292.0
		213	220	lime	14 22.5-314.5
		220	260	shale (slate 220-222)	15 22.5-337.0
		260	279	lime (RainBow 268-270)	16 22.5-359.5
		279	282	slate	17 22.5-382.0
		282	284	shale	18 22.5-404.5
		284	287	lime	19 22.5-427.0
		287	372	shale (lime break 371) lime break 371	
		372	374	slate	20 22.5-449.5
		374	393	shale	21 22.5-472.0
		393	395	lime	22 22.5-494.5
		395	396	slate	23 22.5-517.0
402'		396	434	shale (slate 430-431) (lime break 428)	
6/25		434	435	slate	24 22.5-539.5
		435	456	shale (slate 454-455)	

6/22/07
 set 21' of 7" surface pipe
 circulated 8 sx cement

KD 17.5 Start
 27.5 on stand
 TD 490

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CONSERVATION DIVISION
 WICHITA, KS

HUGHES DRILLING CO.

Pg. 3

Wellsville, Kansas 66092

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

CORE TIME

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

LEASE Smith #2

FORMATION Wellsville

DATE: 6/25/07

(RPM 3" slave bit)

FROM	FEET TO	TIME	MINUTES	REMARKS
		Chip Sample		
489	490			solid sand (Bleeding oil)
D 490	491	11:32:00 - 11:34:00	2:00	sdly lime (No oil)
D 491	492	11:35:15	1:15	solid fine grain sand (Good Bleeding oil)
D 492	493	11:36:30	1:15	
D 493	494	11:41:00 - 11:41:45	:45	493-497
D 494	495	11:42:30	:45	solid sand (Good Bleed)
D 495	496	11:43:15	:45	
D 496	497	11:43:45	:30	(A few thin shale seams)
D 497	498	11:45:00	1:15	sdly Lime + shale (oil show)
D 498	499	11:45:30	:30	solid sand 498-501 (Good Bleeding oil)
D 499	500	11:46:15	:45	
D 500	501	11:47:00	:45	
D 501	502	11:48:00	1:00	sand lamin w/shale
D 502	503	11:48:30	:30	(some bleed oil + water)
D 503	504	11:49:00	:30	501-502.5
D 504	505	11:49:30	:30	Coal 502.5-504
D 505	506	11:50:15	:45	shale
D 506	507	11:51:00	:45	
D 507	508	11:51:45	:45	(Best Perf Zone) 495-501 cor
D 508	509	11:52:45	1:00	
D 509	510	11:53:45	1:00	

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