

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

*contd.
4/23/08
mca*

Operator: License # 5682
 Name: Hughes Drilling Co.
 Address: 122 N. Main
 City/State/Zip: Wellsville, Ks. 66092
 Purchaser: CMT
 Operator Contact Person: Carl (Clay) 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 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>11/26/07</u>	<u>11/28/07</u>	<u>4/3/08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 091-23201-0000
 County: Johnson
N2 N2 SW SE Sec. 36 Twp. 14 S. R. 21 East West
1100 feet from S / N (circle one) Line of Section
1980 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Braun Well #: 24
 Field Name: Gardner
 Producing Formation: Bartlesville
 Elevation: Ground: na Kelly Bushing: _____
 Total Depth: 910 Plug Back Total Depth: 900
 Amount of Surface Pipe Set and Cemented at 23.20 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 900
 feet depth to surface w/ 147 sx cmt.
Alt 2 - Dig - 7/2/08

Drilling Fluid Management Plan
 (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: 4/17/08
 Subscribed and sworn to before me this 17 day of April,
2008
 Notary Public: Steven D. Layton
 Date Commission Expires: 7-23-09

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
 KANSAS CORPORATION COMMISSION
APR 21 2008

NOTARY PUBLIC
 STEVEN D. LAYTON
 My Appt. Exp. July 23, 2009
 STATE OF KANSAS

CONSERVATION DIVISION
 WICHITA, KS

Operator Name: Hughes Drilling Co. Lease Name: Braun Well #: 24
 Sec. 36 Twp. 14 S. R. 21 East West County: Johnson

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 type="checkbox"/> Yes <input checked="" 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	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><input type="checkbox"/> Log</td> <td style="width:60%;">Formation (Top), Depth and Datum</td> <td style="width:10%;"><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Hertha</td> <td>402</td> <td>409</td> </tr> <tr> <td>Bartlesville</td> <td>856</td> <td>864</td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample	Name	Top	Datum	Hertha	402	409	Bartlesville	856	864
<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample											
Name	Top	Datum											
Hertha	402	409											
Bartlesville	856	864											

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	12.25	7"	16	23.20	portland	9	
production	5 5/8	2 7/8"	7	900	50/50 poz	147	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	25 perms--856'-864'--2" DML-RTG	fracture-57 sx sand	856-864

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. 4/4/08	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	3	trace	1		24

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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RECEIVED
 KANSAS CORPORATION COMMISSION
 856-864
APR 21 2008
 CONSERVATION DIVISION
 WICHITA, KS

HUGHES DRILLING REPORT

1100 FSL 1930 FEL

API # 15-091-23201

Well No. 24 Size 7"
 Farm BRAUN Feet 2320
 Circulated 9 sx cement

PERMANENT CSG.
 Size.....
 Feet.....

T. D. at Completion 910
 Contractor HUGHES DRILLING CO.

OPERATOR Hughes Drilling Co.

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2
29	clay	31
2	shale	33
11	clay	44
7	shale	51
6	lime	57
4	shale	61
16	lime	77
7	shale	84
9	lime	93
4	shale	97
20	lime	117
23	shale	140
25	lime	165
26	shale	191
13	lime	204
24	shale	228
8	lime	236
9	shale	245
11	lime	256
19	shale	275
6	lime	281
7	shale	288
7	lime	295
43	shale	338
30'	24 Lime	362
7	shale	369
20"	24 Lime	393
3	shale	396
3	lime	399
3	shale	402
7	lime	409
16'	shale	578
4	lime	582
16	shale	598
7	lime	605
13	shale	618
4	lime	622
12	shale	635
10	lime	644
4	shale	648

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
1/26/07	0	2	soil	① 22.5 - 23.5
23'	2	31	clay	② 22.5 - 44.0
1/27/07	31	33	shale	③ 22.5 - 66.5
	33	44	clay	④ 22.5 - 84.0
	44	51	shale	⑤ 22.5 - 111.5
	51	57	lime	⑥ 22.5 - 134.0
	57	61	shale	⑦ 22.5 - 156.5
	61	77	lime	⑧ 22.5 - 179.0
	77	84	shale Dark (82-83 shale)	⑨ 22.5 - 201.5
	84	93	lime	⑩ 22.5 - 224.0
	93	97	shale	⑪ 22.5 - 246.5
	97	117	lime	⑫ 22.5 - 269.0
	117	140	shale (Red bed 121-124)	⑬ 22.5 - 291.5
	140	165	lime	⑭ 22.5 - 314.0
	165	191	shale	⑮ 22.5 - 336.5
	191	204	lime	⑯ 22.5 - 359.0
	204	228	shale	⑰ 22.5 - 381.5
	228	236	lime	⑱ 22.5 - 404.0
	236	245	shale	⑲ 22.5 - 427.0
	245	256	lime	⑳ 22.5 - 449.5
	256	275	shale (Broken 269-275)	㉑ 22.5 - 472.0
	275	281	lime	㉒ 22.5 - 494.5
	281	288	shale	㉓ 22.5 - 517.0
	288	295	lime	㉔ 22.5 - 539.5
	295	338	shale (lime 326-328)	㉕ 22.5 - 562.0
30'	338	362	lime	㉖ 22.5 - 584.5
	362	369	shale (shale 364-365)	㉗ 22.5 - 607.0

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 KS

HUGHES DRILLING REPORT

Well No. 24
 Farm Braun
 Water Streak @
 Water Level @
 Approved

SET IN PIPE
 Size 7"
 Feet 23.20
 Cond.
 Top Sand

PERMANENT CSG. TUBING
 Size
 Feet
 Cond.
 T. D. at Completion 910
 Contractor HUGHES DRILLING CO.

FORMATION DRILLED

STRATA THICKNESS	FORMATION DRILLED	T.D.
5	Red Bed	653
13	Shale	666
2	Lime	668
49	Shale	717
1	Lime	718
44	Shale	762
2	Lime	764
84	Shale	848
5	Red Bed	853
3	Shale	856
8	Oil sand	864
46	Shale	910
		T.D.

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
11/27/07	26'	369	393	Lime	(33) 22.5 - 629.5
		393	396	Shale (Slate 394-395)	(34) 22.5 - 632.0
49'		396	399	Lime	(30) 22.5 - 674.5
		399	402	Shale	(31) 22.5 - 697.0
Hertke		402	409	Lime	(32) 22.5 - 719.5
		409	578	Shale (Broken 412-415) (Slaty 420-423)	(33) 22.5 - 742.0
538		578	582	Lime	(34) 22.5 - 764.5
12/8/07		582	598	Shale	(35) 22.5 - 787.0
		598	605	Lime	(36) 22.5 - 809.5
		605	618	Shale	(37) 22.5 - 832.0
		618	622	Lime	(38) 22.5 - 854.5
		622	634	Shale (Slate 623-624)	(39) 22.5 - 877.0
		634	644	Lime (Broken)	(40) 22.5 - 899.5
		644	648	Shale	
		648	653	Red Bed	
		653	666	Shale	
		666	668	Lime	
		668	717	Shale	
		717	718	Lime	
		718	762	Shale (Slate 757-758)	
		762	764	Lime	
		764	848	Shale (Bnk 793-799)	
		848	853	Red Bed	
		853	856	Shale	
Cartersville		856	864	Oil sand (remarks pg 3)	
		864	910	Shale (Sdy 872-875 Oil show)	
				T.D.	

11/23/07 - Set 900' of 2 7/8" 8nd upset
 used 4 centralizers
 Bolt in Bottom

856

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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 BRAUN # 24

FORMATION Bartlesville

DATE: 11/28/07

Chip Sample
(BPM)

FROM	FEET TO	TIME	MINUTES	REMARKS
856	857	Sand lamin w/ sdy lime + shale		(bleeding)
857	858	Solid Sand (bleeding oil) 857-862		
858	859			
859	860			
860	861			
861	862			
862	863	Solid Sand (Harder sand)		(bleeding oil)
863	864	Sand very lamin w/ shale		(little bleeding)
864	865	shale		
865	866			
866	867			
			(Best Perf zone) (856-864 con)	
		(Midwest Surveys perfed 856-864 25 perfs 2" DMH - RTG		4/2/08

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APR 21 2008

CONSERVATION DIVISION
WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, ~~INC.~~ LLC

P.O. BOX 884, CHANUTE, KS 66720

620-431-9210 OR 800-467-8676

TICKET NUMBER 15858

LOCATION Onawa, KS

FOREMAN Jim Green

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-28-07	3425	Braun #24	36	14	21	JD
CUSTOMER Hughes Drilling			TRUCK #		DRIVER	
MAILING ADDRESS 122 Main			389		Jim Green	
CITY Wellsville			164		Jim Green	
STATE Ks			own H2O			
ZIP CODE 66092			570		Kenneth E. Erickson	
JOB TYPE Longstring	HOLE SIZE 5 7/8"	HOLE DEPTH 910'	CASING SIZE & WEIGHT 2 1/2"		OTHER	
CASING DEPTH 900'	DRILL PIPE	TUBING				
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING			
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE			

REMARKS: Establish Circulation, Mix and pumped 200' Premium Gel to flush Hole. Mix and pump 150sks 5750 Poz mix Cement with 2 1/2" Gel. Circulate Cement to surface. Flush pump clear of Cement. Pump 2 1/2" rubber plug to total depth of casing. Pressure up to 750' PSI well held good.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	One	PUMP CHARGE Cement One Well		840.00
5406	30 miles	MILEAGE Cement Pump		99.00
5407	Min	Bulk Trk Mile		285.00
	own H2O			N/C
1124	147sks	5750 Poz Mix Cement		1300.95
1118B	250'	Premium Gel		67.50
				2592.
				APR 21 2008
				CONSERVATION DIVISION WICHITA, KS
				SALES TAX 87.50
				ESTIMATED TO 2680.00

AUTHORIZATION

TITLE 218716

DATE