

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

DEC 14 2011

OPERATOR: License # 5682
Name: Hughes Drilling Company
Address 1: 122 N. Main
Address 2: _____
City: Wellsville State: Ks Zip: 66092 + 8522
Contact Person: Carl (Clay) Hughes
Phone: (785) 883-2235
CONTRACTOR: License # 5682
Name: Hughes Drilling Company
Wellsite Geologist: none
Purchaser: High Sierra

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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 Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

8/19/11 8/23/11 9/7/11
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 091-23,530 ~~10000~~ WICHITA

Spot Description: _____
SW SW SW SE Sec. 36 Twp. 14 S. R. 21 East West
220 165 Feet from North / South Line of Section
2420 2381 Feet from East / West Line of Section
GPS-KCC
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Johnson
Lease Name: Braun Well #: 29
Field Name: Longanecker Southeast

Producing Formation: Bartlesville
Elevation: Ground: _____ Kelly Bushing: _____
Total Depth: 893 Plug Back Total Depth: 880
Amount of Surface Pipe Set and Cemented at: 27 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 880
feet depth to: surface w/ 116 sx cmt.

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 #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: President Date: 12/2/11

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Dlg Date: 12/20/11

Operator Name: Hughes Drilling Company Lease Name: Braun Well #: 29
 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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, 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>Hertha</td> <td>384-390</td> <td></td> </tr> <tr> <td>Bartlesville</td> <td>837-845</td> <td></td> </tr> </table>	Name	Top	Datum	Hertha	384-390		Bartlesville	837-845	
Name	Top	Datum								
Hertha	384-390									
Bartlesville	837-845									

CASING RECORD <input 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	11"	6 1/4"	15#	27	portland	7	
Production	5 5/8"	2 7/8"	7#	884	50/50 poz	116	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- 837'-845' -2" DML RTG	fracture-3,500#	837-845

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TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. 9/8/11		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. 2	Gas Mcf trace	Water Bbls. 1
Gas-Oil Ratio		Gravity 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 <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>837-845</u>
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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 32785
LOCATION Wichita KS
FOREMAN Fred Maden

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/22/11	3425	Braun #29	SE 36	14	21	JO
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Hughes Drilling			506	FREMAD	Safety	Wdy
MAILING ADDRESS			368	KENHAM	ZH	
122 Main ST			558	T.M.I.E.M	TL	
CITY	STATE	ZIP CODE				
Wellsville	KS	66092				
JOB TYPE	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT			
Longstring	5 7/8	699	2 7/8 EUE			
CASING DEPTH	DRILL PIPE	TUBING	OTHER			
884	Pinel	680'				
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING			
			2 1/2" Plug 1.5'			
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE			
5.1 BBL			4 BPM			
REMARKS: Establish circulation. Mix Pump 100' Premium Gel Flush.						
Mix Pump 116 SKS 50/50 For Mix Cement 2 7/8 Gal. Cement to surface. Flush pump + lines clean. Displace 2 1/2" Rubber Plug to casing TD w/ 5.1 BBL fresh water. Pressure to 700 PSI.						
Shut in Casing						
Customer Supplied Water.			Fred Maden			

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		975 ⁰⁰
5406	30 mi	MILEAGE		120 ⁰⁰
5402	884'	Casing Footage		NK
5407	minimum	Ten miles		330 ⁰⁰
1124	116 SKS SKS	50/50 For Mix Cement		1212 ²⁰
1118B	295 ⁰⁰	Premium Gel		59 ⁰⁰
4402	1	2 1/2" Rubber Plug		28 ⁰⁰
			7.525%	SALES TAX
				ESTIMATED
				TOTAL
				97 ²⁷
				2821 ⁹⁷

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Revin 3737

AUTHORIZATION

TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

HUGHES DRILLING REPORT

Well No. 29 Size 6 1/4
 Farm Braun Feet 27.0
 Circulated 7 sx cement

PERMANENT CSG.
 Size 2 1/2" 2nd EYE
 Feet 884 pipe T.D.
Boh at 884

T. D. at Completion 897
 Contractor HUGHES DRILLING CO.

OPERATOR Hughes Drilling Co.

Sec 36 Twp. 14 Rng. 21
30 Co., Kansas
220 FSL 2420 FEL

API # 15-091-23530-00-00

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2
16	clay	18
14	Shale	32
27	Lime	59
7	Shale	66
9	Lime	75
5	Shale	80
2	Lime	82
24	Shale	106
27	Lime	133
26	Shale	159
13	Lime	175
19	Shale	188
10	Lime	198
10	Shale	207
1	Lime	217
18	Shale	218
6	Lime	238
8	Shale	256
6	Lime	262
8	Shale	270
6	Lime	276
43	Shale	319
23	Lime	342
7	Shale	349
23	Lime	372
9	Shale	376
3	Lime	379
5	Shale	384
6	Lime	390
169	Shale	559
5	Lime	564
15	Shale	579
8	Lime	587
14	Shale	601
2	Lime	603
12	Shale	615
8	Lime	623
10	Shale	639
2	Lime	641
65	Shale	706
1	Lime	707
9	Shale	716

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
8/11/11	0	2	Soil	(1) 21.5-21.5
	2	18	clay	(2) 22.5-44.0
27'	18	32	Shale	(3) 22.5-66.5
8/12/11	32	60	Lime	(4) 22.5-89.0
SSD	60	63	Shale (slate 61-62)	(5) 22.5-111.5
PDC	63	72	Lime	(6) 22.5-134.0
	72	77	Shale	(7) 22.5-156.5
	77	98	Lime	(8) 22.5-179.0
	98	122	Shale	(9) 22.5-201.5
	122	144	Lime	(10) 22.5-224.0
	144	175	Shale	(11) 22.5-246.5
	175	188	Lime	(12) 22.5-269.0
	188	207	Shale	(13) 22.5-291.5
	207	217	Lime	(14) 22.5-314.0
	217	227	Shale	(15) 22.5-336.5
	227	238	Lime	(16) 22.5-359.0
	238	256	Shale	(17) 22.5-381.5
	256	262	Lime	(18) 22.5-404.0
	262	270	Shale	(19) 22.5-426.5
	270	276	Lime	(20) 22.5-449.0
	276	319	Shale (Broken 307-309)	(21) 22.5-471.5
30'	319	342	Lime	(22) 22.5-494.0
	342	349	Shale (slate 344-346)	(23) 22.5-516.5
20	349	372	Lime	(24) 22.5-539.0
	372	376	Shale (slate 374-375)	(25) 22.5-561.5
	376	379	Lime	(26) 22.5-584.0
	379	389	Shale	(27) 22.5-606.5

DRILLERS: ERIC SCHULZ & ISAAC BURBANK

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 CHY HUGHES
 Eric Schulz
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HUGHES DRILLING REPORT

Well No. 29
Farm Brown

SURFACE CASING
Size.....
Feet.....
Circulated _____ sx cement

PERMANENT CSG.
Size 2 7/8" 8rd EUE
Feet 884 pic. T.D.
Boit at 880

T. D. at Completion 897
Contractor HUGHES DRILLING CO.

OPERATOR Hughes Drilling

22a FSL 2420 FEL
API # 15-091-23530-00-00

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Lime	746
89	Shale	837
8	Oil sand	845
52	Shale	897 T.D.

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
8/22/11	384	390	Lime	(28) 22.5-629.0
	390	559	Shale (BRK) (394-597)	(29) 22.5-651.5
	559	564	Lime	(2) 22.5-674.0
	564	579	Shale (BRK) (567-570)	(1) 22.5-696.5
	579	587	Lime	(2) 22.5-719.0
	587	601	Shale	(3) 22.5-741.5
	601	603	Lime	(2) 22.5-764.0
	603	615	Shale	(5) 22.5-786.5
	615	623	Lime	(2) 22.5-809.0
	623	639	Shale (Red Bed) (627-631)	(3) 22.5-831.5
	639	641	Lime	(3) 22.5-854.0
	641	706	Shale (Lime) (647-648)	(9) 22.5-876.5
	706	707	Lime	
	707	746	Shale (Shale) (743-744)	
	746	748	Lime	
	748	837	Shale (BRK) (784-786) (805-806)	
Bartlesville	837	845	oil sand	
8/23/11	845	897	Shale	
			T.D.	
			8-23-11 Set 884 of 2 7/8" 8rd EUE	
			Boit at 880	
			Used 3 centralizers	

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HUGHES DRILLING CO.

Wellsville, Kansas 66092

Pg. 3

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

CORE TIME

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

LEASE Brown # 29
FORMATION Bartlesville
DATE: 8/22/11

(REM - Chip Sample)

FROM	FEET TO	TIME	MINUTES	REMARKS
837	838	}		Solid Sand (Good bleed)
838	839			
839	840			
840	841			
841	842	}		Sand lamin. w/shale (bleeding)
842	843			
843	844	}		Sand very lamin. w/shale (some bleed)
844	845			
845	846	}		shale
846	847			
(Best part zone) 837-845 C-H				

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