

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

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: _____

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. _____

9/26/05	9/29/05	10/19/05
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 091-23063-00-60
County: Johnson
SW NW SW NE Sec. 36 Twp. 14 S. R. 21 East West
3580 feet from N (circle one) Line of Section
2330 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Braun Well #: 22
Field Name: Longanecker SE
Producing Formation: Bartlesville
Elevation: Ground: na Kelly Bushing: _____
Total Depth: 905 Plug Back Total Depth: 893
Amount of Surface Pipe Set and Cemented at 32.30 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 893
feet depth to surface w/ 120 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Air II mlc
9-11-08
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. 09-2686 East West
County: _____

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Docket No. _____
KANSAS CORPORATION COMMISSION
WICHITA, KS

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: 1/6/06
Subscribed and sworn to before me this 6th day of January
2006
Notary Public: Brenda F. Vickers
Date Commission Expires: 12-03-09

NOTARY PUBLIC - State of Kansas
BRENDA F. VICKERS
My Appt. Exp. 12-03-09

KCC Office Use ONLY
NO Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

Operator Name: Hughes Drilling Co. Lease Name: Braun Well #: 22
 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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Hertha 403-410
 Bartlesville 856-863

List All E. Logs Run:
Gamm Ray- Neutron

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 5/8	7	12	32.30	portland	9	
production	5 5/8	2 7/8	7	893	50/50 poz	120	2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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	2" DML RTG 22 perms 856-863	fracture-6000 lbs of sand	856-863
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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.	Producing Method	Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
11/20/05	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		1	trace	1		25

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 _____

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 1244
 LOCATION Ottawa KS
 FOREMAN Food Maden

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-29-05	3425	Brown # 22	36	14	21	JS
CUSTOMER: Hughes Drilling			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS: 122 main St.			372	FREMAN		
CITY: Wellesville STATE: KS ZIP CODE: 66092			164	CASHEN		
			122	RICKS		

JOB TYPE Longstrms HOLE SIZE 5 7/8 HOLE DEPTH 920' CASING SIZE & WEIGHT 2 7/8" EUE
 CASING DEPTH 893' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 26" Rubber Plug
 DISPLACEMENT 5.2 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Establish Circulation Mix + Pump 150 # Premium Gel Flush
Mix + Pump 122 sks 50/50 Por Mix Cement 2% Gel Cement
to surface. Flush pump clean. Displace 26" Rubber Plug
to casing TD (Belt) w/ 5.2 BBL Fresh water. Pressure to
400 # PSI. Shut in casing

Food Maden

Company Tools.
Customer Supplied Water

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5404	1	PUMP CHARGE <u>Cement Pump</u>	765.00	765.00
5406	30 mi.	MILEAGE <u>Pump Truck</u>	3.00	90.00
5407	<u>Minimum</u>	<u>Ton Mileage</u>	22.00	260.00
1124	120 sks	50/50 Por Mix Cement	7.55	906.00
1118B	7 sks	Premium Gel (50#)	6.64	46.48
4402	1	26" Rubber Plug	17.00	17.00
Sub Total				2084.48
Tax @ 6.4%				133.41
Total				\$ 2217.89

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SALES TAX
 ESTIMATED
 TOTAL

AUTHORIZATION _____ TITLE WOT# 199987 DATE _____

Op. - Hughes Drilling Co.

HUGHES DRILLING REPORT

S. 36 T14 R21e
 F 3580 FSL
 2330 FEL

FORMATION DRILLED
 API # 15-091-23063

Well No. #22 SET IN PIPE PERMANENT CSG. TUBING
 Size 7" Size Size
 Farm BRAUN Feet 32.3' (9 5x cement) Feet
 Water Streak @ Cond. good Cond. Cond.
 Water Level @ Top Sand T. D. at Completion 905'
 Approved Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T.O.
2	Soil	2
28	clay	30
23	shale	53
23	Lime	76
7	shale	83
10	Lime	93
6	shale	99
19	Lime	118
4	shale	122
8	Red Bed	130
13	shale	143
23	Lime	166
16	shale	182
3	Lime	185
3	shale	188
11	Lime	199
29	shale	228
10	Lime	238
9	shale	247
10	Lime	257
18	shale	275
7	Lime	282
10	shale	292
6	Lime	298
40	shale	338
30'	24 Lime	362
6	shale	368
20'	24 Lime	392
4	shale	396
3	Lime	399
4	shale	403
H"	7 Lime	410
167	shale	577
8	Lime	585
2	shale	587
3	Lime	590
11	shale	601
8	Lime	609
13	shale	622
2	Lime	624
9	shale	633

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
9/26/05		0	2	Soil	① 21-21.0
		2	30	clay	② 22.5-43.5
32'		30	53	shale	③ 22.5-66.0
9/27/05		53	76	Lime	④ 22.5-88.5
5 1/2" BOTTOM		76	83	shale	⑤ 22.5-111.0
		83	93	Lime	⑥ 22.5-133.5
		93	99	shale	⑦ 22.5-156.0
		99	118	Lime	⑧ 22.5-178.5
		118	122	shale	⑨ 22.5-201.0
		122	130	Red Bed	⑩ 22.5-223.5
		130	143	shale	⑪ 22.5-246.0
		143	166	Lime	⑫ 22.5-268.5
		166	182	shale	⑬ 22.5-291.0
		182	185	Lime (sdy)	⑭ 22.5-313.5
		185	188	shale	⑮ 22.5-336.0
		188	199	Lime	⑯ 22.5-358.5
		199	228	shale	⑰ 22.5-381.0
		228	238	Lime	⑱ 22.5-403.5
		238	247	shale	⑲ 22.5-426.0
		247	257	Lime	⑳ 22.5-448.5
		257	275	shale	㉑ 22.5-471.0
		275	282	Lime	㉒ 22.5-493.5
		282	292	shale	㉓ 22.5-516.0
		292	298	Lime	㉔ 22.5-538.5
		298	338	shale (Lime 328-329)	㉕ 22.5-561.0
30'		338	362	Lime	㉖ 22.5-583.5
		362	368	shale	㉗ 22.5-606.0

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9/26/05 - set 32.30' of 7" surface pipe
 circulated 9 5x cement to surface

HUGHES DRILLING REPORT

Well No. **# 22** SET IN PIPE PERMANENT CSG. TUBING
 Farm **BRAUN** Size..... Size.....
 Water Streak @..... Feet..... Feet.....
 Water Level @..... Cond..... Cond.....
 Top Sand..... T. D. at Completion **905**
 approved..... Contractor **HUGHES DRILLING CO.**
 Superintendent

STRATA THICKNESS	FORMATION CALLED	T. D.
8	Lime	64
20	shale	661
2	Lime	663
2	shale	667
2	Lime	667
47	shale	714
1	Lime	715
9	shale	724
1	Lime	725
38	shale	763
2	Lime	765
76	shale	841
1	Lime	842
14	shale	856
7	Oil sand	863
42	shale	905
		T.D.

DATE	HOURS OF TOUR	DRAILED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
	20'	368	392	Lime	(28) 22.5-628.5
		392	396	shale (slate 395-396)	(29) 22.5-651.0
		396	399	Lime	(30) 22.5-673.5
		399	403	shale	(31) 22.5-696.0
	"Hertha"	403	410	Lime	(32) 22.5-718.5
419'	(B. Trip)	410	577	shale (Brk. 415-418)	(33) 22.5-741.0
7/28/05	(B. Trip)	577	585	Lime	(34) 22.5-763.5
		585	587	shale	(35) 22.5-786.0
		587	590	Lime	(36) 22.5-808.5
		590	601	shale	(37) 22.5-831.0
		601	609	Lime	(38) 22.5-853.5
		609	622	shale	(39) 22.5-876.0
		622	624	Lime (Brown)	(40) 22.5-898.5
		624	633	shale	
		633	641	Lime	
		641	661	shale (Red Bed 648-653)	
		661	663	Lime	
		663	665	shale	
		665	667	Lime	
		667	714	shale	
		714	715	Lime	
		715	724	shale	
		724	725	Lime	
		725	763	shale	
		763	765	Lime	
		765	841	shale (limebreak 781)	
		841	842	Lime	

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 MONTANA

HUGHES DRILLING CO.

Pg. 4

Wellsville, Kansas 66092

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

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

CORE TIME
LEASE BRAUN #22
FORMATION Wellsville
DATE: 9/28/05

3" CORE
(RPM Shave Bit)

FROM	FEEET TO	TIME	MINUTES	REMARKS
856	857	chip sample		Solid Sand. (Bleeding Oil)
① 857	858	5:29:00 - 5:31:00	2:00	856-857.5
② 858	859	5:31:00 - 5:33:45	2:45	Lime 857.5-858.5
③ 859	860	5:33:45 - 5:35:30	1:45	Solid Sand (A few shale strips) Bleeding Oil 858.5-859.5
④ 860	861	5:35:30 - 5:36:45	1:15	Sdy shale 859.5-860
⑤ 861	862	5:36:45 - 5:37:45	1:00	Sand slightly lamin. w/shale 860-862 (B.O.)
⑥ 862	863	5:37:45 - 5:39:00	1:15	Sand lamin. w/shale B.O. 862-863
⑦ 863	864	5:39:00 - 5:40:15	1:15	Sdy shale (Oil trace)
⑧ 864	865	5:40:15 - 5:41:45	1:30	
⑨ 865	866	5:41:45 - 5:43:00	1:15	
⑩ 866	867	5:43:00 - 5:44:45	1:45	
⑪ 867	868	5:44:45 - 5:46:15	1:30	Shale
⑫ 868	869	5:46:15 - 5:48:00	1:45	
⑬ 869	870	5:48:00 - 5:49:45	1:45	
⑭ 870	871	5:49:45 - 5:51:00	1:15	
⑮ 871	872	5:51:00 - 5:52:45	1:45	
				(Best Perf Zone) 856-863 cch

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