

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

RECEIVED

JUL 31 2006

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: _____
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. _____

5/15/06	5/17/06	6/27/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 059-25114-00-00
County: Franklin **KCC WICHITA**
NE SE SW SE Sec. 6 Twp. 17 S. R. 21 East West
650 feet from (S) / N (circle one) Line of Section
1495 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: North Hughes Well #: 6
Field Name: Paola-Rantoul
Producing Formation: Squirrel
Elevation: Ground: na Kelly Bushing: _____
Total Depth: 685 Plug Back Total Depth: 679
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 679
feet depth to surface w/ 89 ^{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 No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

ATZ-Dlg-11/14/06

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: 7/28/06
Subscribed and sworn to before me this 28th day of July,
2006.
Notary Public: Brenda F. Vickers
Date Commission Expires: 12-03-09

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



Operator Name: Hughes Drilling Co. Lease Name: North Hughes Well #: 6
 Sec. 6 Twp. 17 S. R. 21 East West County: Franklin

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	<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>298</td> <td>303</td> </tr> <tr> <td>#1 Squirrel</td> <td>577</td> <td>582</td> </tr> <tr> <td>#2 Squirrel</td> <td>630</td> <td>638</td> </tr> <tr> <td>#3 Squirrel</td> <td>645</td> <td>649</td> </tr> </table>	Name	Top	Datum	Hertha	298	303	#1 Squirrel	577	582	#2 Squirrel	630	638	#3 Squirrel	645	649
Name	Top	Datum														
Hertha	298	303														
#1 Squirrel	577	582														
#2 Squirrel	630	638														
#3 Squirrel	645	649														

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	11 5/8	7"	15	20	portland	10	
production	5 5/8	2 7/8"	7	679	50/50 pozmix	89	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	24 perfs 630-638 & 13 perfs 645-649	fracture-700# 20/40 sand & 6300# 12/20 sand	630-649
		RECEIVED JUL 31 2006 KCC WICHITA	

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. 6/28/06		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. 1/2	Gas-Oil Ratio	Gravity 33

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled _____

Production Interval Other (Specify) _____

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

TICKET NUMBER 5019
LOCATION offawa
FOREMAN Alan Mader

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-18-06	3425	N. Hughes #6	6	17	21	Fr
CUSTOMER Hughes Drilling			TRUCK #			
MAILING ADDRESS 122 Main			DRIVER		TRUCK #	
CITY Wellsville			DRIVER		TRUCK #	
STATE KS			DRIVER		TRUCK #	
ZIP CODE 66092			DRIVER		TRUCK #	
			DRIVER		TRUCK #	
			DRIVER		TRUCK #	
			DRIVER		TRUCK #	

JOB TYPE long string HOLE SIZE 5 5/8 HOLE DEPTH 683 CASING SIZE & WEIGHT 2 7/8
CASING DEPTH 678 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
DISPLACEMENT 4601 DISPLACEMENT PSI 600 MIX PSI _____ RATE 4 bpm

REMARKS: Established circulation. Mixed & pumped 100 gal to condition hole. Mixed & pumped 91 50/50 per stage. Circulated cement to surface. Flushed pump clean. Pumped 2 1/2 plug to pin @ 678' well held 600 PSI. Closed valve.

Customer supplied water
Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	800.00
5406	15	MILEAGE <u>pump</u>	368	47.25
5402	678'	Casing footage		16
5407	min	ton miles		275.00
1118B	282	premium gel		39.48
1124	89	50/50/02		787.65
1402	1	2 1/2 rubber plug		18.00
		RECEIVED	sub.	1967.38
		JUL 31 2006		
		KCC WICHITA		
			608	57.46
			ESTIMATED TOTAL #	2024.84

THORIZATION _____ TITLE WO# 205565 DATE Alan Mader

Op. - Hughes Drilling Co.

HUGHES DRILLING REPORT

S. 6, T17S, R 21E
 650' FSL
 1495 FEH
 FORMATION DRIELED
 APX # 15-059-25114

Well No. # 6 SET IN PIPE PERMANENT CSG. TUBING
 Size 7" (circ. 10 SX cement) Size
 Farm North Hughes Feet 200 Feet
 Water Streak @ Cond. good Cond.
 Water Level @ Top Sand T. D. at Completion 685
 Approved Superintendent Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T. D.
2	Soil	2
5	clay	7
14	Lime	21
91	shale	112
19	Lime	131
29	shale	160
3	Lime	163
37	shale	200
11	Lime	211
21	shale	232
27	Lime	259
7	shale	265
22	Lime	287
4	shale	291
4	lime	295
3	shale	298
5	Lime	303
154	shale	457
9	Lime	466
16	shale	482
6	sand	488
27	shale	515
6	lime	521
14	shale	535
2	lime	537
15	shale	552
6	lime	558
8	shale	564
2	lime	566
1	shale	567
4	lime	571
6	shale	577
5	oil sand	582
36	shale	618
1	lime	619
9	shale	628
2	lime	630
8	Brk sand	638
7	shale	645
4	Brk sand	649
20	shale	669

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
5/15/06		0	2	Soil	① 21.5-21.5
		2	7	Clay	② 22.5-44.0
20'		7	21	Lime	③ 22.5-66.5
5/16/06		21	112	shale	④ 22.5-89.0
5 7/8 Button Bit		112	131	Lime	⑤ 22.5-111.5
		131	160	shale	⑥ 22.5-134.0
		160	163	Lime	⑦ 22.5-156.5
		163	200	shale	⑧ 22.5-179.0
		200	211	Lime	⑨ 22.5-201.5
		211	232	shale	⑩ 22.5-224.0
30'		232	259	Lime	⑪ 22.5-246.5
		259	265	Shale (slate 260-261)	⑫ 22.5-269.0
20'		265	287	Lime	⑬ 22.5-291.5
		287	291	shale	⑭ 22.5-314.5
		291	295	Lime	⑮ 22.5-337.0
		295	298	shale	⑯ 22.5-359.5
"Hertha"		298	303	Lime	⑰ 22.5-382.0
BITTA in 307		303	457	shale (Brk 308-312) (SdY 424)	⑱ 22.5-404.5
Drag Bit		457	466	Lime	⑲ 22.5-427.0
Run Rebuilt		466	482	shale	⑳ 22.5-449.5
		482	488	Gray sand	㉑ 22.5-472.0
		488	515	shale	㉒ 22.5-494.5
		515	521	Lime	㉓ 22.5-517.0
		521	535	shale	㉔ 22.5-539.5
		535	537	Lime (Brown)	㉕ 22.5-562.0
		537	552	shale (slate 537-538)	㉖ 22.5-584.5
		552	558	Lime Broken	㉗ 22.5-607.0

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5/15/06
 Set 20' of 7" surface pipe
 Circulated 10 sacks cement to surface

T.D. 307
 KD. 15'
 (11) Jts Top Row

HUGHES DRILLING REPORT

SET IN PIPE

PERMANENT CSG.

TUBING

FORMATION DRILLED

Well No. #6 Size.....
 Farm N. Hughes Feet.....
 Water Streak @ Cond.....
 Water Level @ Top Sand.....
 Approved
 Superintendent

Size..... Size.....
 Feet..... Feet.....
 Cond..... Cond.....
 T. D. at Completion 685
 Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T. D.
1	Lime	670
10	shale	680
1	Lime	681
4	shale	685
		TD

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
		558	564	Shale	28 22.5-629.5
		564	566	Lime	29 22.5-652.0
5/60		566	567	Shale	39 22.5-674.5
5/17/04		567	571	Lime (some Bleeding 567-570)	
		571	577	shale	
#1 Squirrel		577	582	Oil sand (remarks pg. 3)	
		582	618	shale	
		618	619	Lime	
		619	628	shale	
		628	630	Lime	
#2 Squirrel		630	638	Broken Sand	} (remarks pg. 4)
		638	645	shale	
#3 Squirrel		645	649	Broken Sand	
		649	669	shale	
		669	670	Lime	
		670	680	shale	
		680	681	Lime	
		681	685	shale	
				TD	
5/17/04 - set 679' of 2 7/8" 9'nd upset pipe used 3 centralizers Bolt in Bottom					

RECEIVED
 JUL 31 2006
 KCC WICHITA

TD 560

579
 303
 274

HUGHES DRILLING CO.

Wellsville, Kansas 66092

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

CORE TIME

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

LEASE A Hughes #6

FORMATION #1 Squirrel

DATE: 5/17/06

(RPM chip sample)

FROM	FEET TO	TIME	MINUTES	REMARKS
① 577	578	} Solid sand (Bleeding Oil)		(577-581)
② 578	579			
③ 579	580			
④ 580	581			
⑤ 581	582	} Shale		(Oil trace 581-582)
⑥ 582	583			
⑦ 583	584			
(Best Perf Zone)				
577-581				
RECEIVED				
JUL 31 2006				
KCC WICHITA				

HUGHES DRILLING CO.

Wellsville, Kansas 66092

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

CORE TIME

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

LEASE N. Hughes # 6

FORMATION 2nd & 3rd Squirrel

DATE: 5/17/06

Chip Sample

(RPM ~~2000~~)

FROM	FEEET TO	TIME	MINUTES	REMARKS RECEIVED
		Chip sample		JUL 1 2006
629	630	..	-	Lime KCC WICHITA
① 630	631	..		sand very lamin. w/shale (little B.O.)
② 631	632	..		solid sand (Bleeding)
③ 632	633	..		sand lamin. w/shale (some Bleeding)
④ 633	634	..		sand slightly lamin. w/shale (Bleeding)
⑤ 634	635	..		sdly shale
⑥ 635	636	..		sand lamin. w/shale (Bleeding)
⑦ 636	637	..		635-637
⑧ 637	638	..		sand very lamin. w/shale (some Bleeding)
⑨ 638	639	..		
⑩ 639	640	..		(Best Perf Zone)
⑪ 640	641	..		630-638
⑫ 641	642	..		+ 645-649
⑬ 642	643	..		SHALE
⑭ 643	644	..		midwest surveys perforated 6/21/06
⑮ 644	645	..		630-638 - 24 perfs 2" DMH RTG
⑯ 645	646	..		645-649 - 13 perfs
⑰ 645	646	..		sand lamin. w/shale (Bleeding)
⑱ 646	647	..		sand slightly lamin. w/shale
⑲ 647	648	..		646-648 (Bleeding)
⑳ 648	649	..		sand lamin. w/shale (Bleeding)
㉑ 649	650	..		
㉒ 650	651	..		sdly shale (oil trace 649-650)
㉓ 651	652	..		