

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5682
 Name: Hughes Drilling Company
 Address 1: 122 Main
 Address 2: _____
 City: Wellsville State: KS Zip: 66092 + 8522
 Contact Person: Carl (Clay) Hughes
 Phone: (913) 963-9127
 CONTRACTOR: License # 5682
 Name: company tools
 Wellsite Geologist: _____
 Purchaser: High Sierra
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 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 Enh. Conv. to SWD
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enh.?) Docket No.: _____

<u>7/14/09</u>	<u>7/16/09</u>	<u>9/8/09</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 059-25399-0000
 Spot Description: _____
 _____ SW SE Sec. 24 Twp. 15 S. R. 20 East West
660 Feet from North / South Line of Section
1980 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Franklin
 Lease Name: Flynn Well #: 1-A
 Field Name: Paola Rantoul
 Producing Formation: #1 squirrel
 Elevation: Ground: 1096 Kelly Bushing: _____
 Total Depth: 870 Plug Back Total Depth: 860
 Amount of Surface Pipe Set and Cemented at: 41.7
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: _____ Feet
 If Alternate II completion, cement circulated from: 860
 feet depth to: surface w/ 114 sx cmt.

Drilling Fluid Management Plan AH I nul 11409
 (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: 10/14/09
 Subscribed and sworn to before me this 19 day of October
20 09.
 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

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Operator Name: Hughes Drilling Company Lease Name: Flynn Well #: 1-A
 Sec. 24 Twp. 15 S. R. 20 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 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 <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>523</td> <td>528</td> </tr> <tr> <td>Squirrel</td> <td>801</td> <td>841</td> </tr> </table>	Name	Top	Datum	Hertha	523	528	Squirrel	801	841
Name	Top	Datum								
Hertha	523	528								
Squirrel	801	841								

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	7in.	16	41.7	portland	14	
production	5 5/8	2 7/8	7	860	50/50 poz	114	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 perms-812.5-822.5- 2" DML RTG	fracture-5,000# sand	812.5-822.5

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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, Resumed Production, SWD or Enhr. 9-9-09		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>
Estimated Production Per 24 Hours	Oil Bbls. 1	Gas Mcf trace
	Water Bbls. 2	Gas-Oil Ratio 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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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HUGHES DRILLING REPORT

Well No. I-A Size 7" New Surface Casing
 Farm Flynn Feet 41.70 Permanent CSG.
 Circulated 14 sx cement

Operator Hughes Drilling Co. T. D. at Completion 870
 Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T.D.
4	Soil	4
12	Sandstone	16
20	Clay	36
113	Shale	149
24	Lime	173
7	Shale	180
9	Lime	189
6	Shale	195
16	Lime	211
46	Shale	257
19	Lime	276
3	Shale	279
4	Sand	283
64	Shale	347
22	Lime	369
20	Shale	389
5	Lime	394
28	Shale	422
8	Lime	424
10	Shale	439
2	Lime	441
14	Shale	455
30'	25' Lime	480
9	Shale	489
20'	22' Lime	511
5	Shale	516
3	Lime	519
4	Shale	523
6	Lime	528
160	Shale	688
3	Lime	691
9	Shale	700
8	Lime	708
20	Shale	728
7	Lime	735
15	Shale	750
3	Lime	753
13	Shale	766
6	Lime	772
29	Shale	801
5	Gas Sand	806

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
7/4/01	0	4	Soil	① 21.5 - 21.7
	4	16	Sandstone	② 22.5 - 44.0
	16	36	Clay	③ 22.5 - 66.5
4/1	36	149	Shale	④ 22.5 - 89.0
7/15/09	149	173	Lime	⑤ 22.5 - 111.5
5/11	173	180	Shale (Slate 179-190)	⑥ 22.5 - 134.0
18 PDC	180	189	Lime	⑦ 22.5 - 156.5
	189	195	Shale	⑧ 22.5 - 179.0
	195	211	Lime	⑨ 22.5 - 201.5
	211	257	Shale (Sandy 234-244)	⑩ 22.5 - 224
	257	276	Lime	⑪ 22.5 - 246.5
	276	279	Shale	⑫ 22.5 - 269.0
	279	283	Sand	⑬ 22.5 - 291.5
	283	347	Shale	⑭ 22.5 - 314.0
	347	369	Lime	⑮ 22.5 - 336.5
	369	389	Shale (Red Bed 388-389)	⑯ 22.5 - 359.0
	389	394	Lime	⑰ 22.5 - 381.5
	394	422	Shale	⑱ 22.5 - 404.0
	422	424	Lime	⑲ 22.5 - 426.5
	424	439	Shale	⑳ 22.5 - 449.0
	439	441	Lime	㉑ 22.5 - 471.5
	441	455	Shale	㉒ 22.5 - 494.0
30'	455	480	Lime (oil trace 461-467)	㉓ 22.5 - 516.5
	480	489	Shale (Slate 484-486)	㉔ 22.5 - 539.0
20'	489	511	Lime	㉕ 22.5 - 561.5
	511	516	Shale	㉖ 22.5 - 584.0
	516	519	Lime	㉗ 22.5 - 606.5

7/14/09 - set 41.70' of 7" surface pipe
 circulated 14 sx cement

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HUGHES DRILLING REPORT

SURFACE CASING PERMANENT CSG.

Well No. 1-A Size _____ Size _____
 Farm Flynn Feet _____ Feet _____
 Circulated _____ sx cement

OPERATOR Hughes Drilling Co.

T. D. at Completion 870
 Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T.D.
24	oil sand	830
11	B. sand	841
29	shale	870
		TD

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
	519	523	Shale (Slate 522-523)	(28) 22.5-629.0
	523	528	Lime	(29) 22.5-651.5
	528	688	Shale (BRK Lime 531-532)	(30) 22.5-674.0
	688	691	Lime	(31) 22.5-696.5
	691	700	Shale	(32) 22.5-719.0
	700	708	Lime	(33) 22.5-741.5
	708	728	Shale (BRK 717-721)	(34) 22.5-764.0
	728	735	Lime	(35) 22.5-786.5
	735	750	Shale	(36) 22.5-809.0
	750	753	Lime (Brown)	(37) 22.5-831.5
	753	766	Shale (Slate 754-755) Sandy 758-759	(38) 22.5-854.0
	766	772	Lime	
	772	801	Shale (Slate 787-788)	
	801	806	Gas sand	
	806	830	oil sand (core time pg 3)	
	830	841	Broken sand	
	841	870	shale	
			TD	
			7110 log - set 860' of 2 7/8" 2nd EUE pipe used 3 centralizers Bolt at 858'	

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HUGHES DRILLING CO.

Pg.

Wellsville, Kansas 66092

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

CORE TIME

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

LEASE Flynn #1-A
FORMATION #1 squirrel
DATE: 7-15-09

(RPM 3" Shovel Bit)

FROM	FEET TO	TIME	MINUTES	REMARKS	
801	806	chip sample	gas sand	(shows some water)	
806	807	chip sample	- solid sand	(same bleeding)	
1) 807	808	3:12:00-3:13:00	1:00	- solid sand (some bleeding)	
2) 808	809	3:14:00	1:00	stop Add solvent - solid sand (bleeding)	
3) 809	810	3:20:00-3:20:45	:45	- shale	
4) 810	811	3:21:15	:30	solid sand (good bleeding)	
5) 811	812	3:21:45	:30	810-812	
6) 812	813	3:22:45	1:00	- shale 812-812.3	
7) 813	814	3:23:30	:45	}	
8) 814	815	3:24:00	:30		
9) 815	816	3:24:45	:45		
10) 816	817	3:25:30	:45		
11) 817	818	3:26:15	:45		Solid sand (bleeding)
12) 818	819	3:26:45	:30		812.3-823
13) 819	820	3:27:45	1:00		RECEIVED
14) 820	821	3:28:30	:45		OCT 26 2009
15) 821	822	3:29:15	:45		KCC WICHITA
16) 822	823	3:30:00	:45		shale 823-823.3
17) 823	824	3:30:45	:45	}	
18) 824	825	3:31:30	:45		solid sand
19) 825	826	3:32:15	:45		823.3-828
20) 826	827	3:33:00	:45		(bleeding) (shows some water)
827	828	chip sample	-		
828	829	chip	-	} solid sand (some bleeding)	
829	830	chip	-		828-830
830	831	chip	-	- shale 830-831	
831	832	chip	-	} Lt. Brown sand	
832	833	chip	-		831-841 (oil trace)
833	841	chip	-		

Bed
pent
zon
812.5-82



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 20093
LOCATION Ottawa 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
7/16/09	3425	Flynn # 1A	SE 24	15	20	FR
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Mailing Address			506	Fred		
CITY			368	Ken		
STATE			548	Casey		
ZIP CODE						

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 870' CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 860' DRILL PIPE _____ TUBING Line 860' OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug
DISPLACEMENT 4386 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.3 PPM

REMARKS: Check casing depth w/ wire line. Mix + Pump 100# Premium
Gel Flush. Mix + Pump 116 sks 50/50 Por Mix Cement
2 7/8 Gel. Cement to Surface. Flush pump + lines
clean. Displace 2 1/2" Rubber plug to pin in casing
w/ 4386 Fresh water. Pressure to 700# PSI
Shut in casing

Fred Maden

Company Tools

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE <u>Cement Pump</u>		870 ⁰⁰
5406	15.0 mi	MILEAGE <u>Pump Truck</u>		51 ²⁵
5402	862'	<u>Casing footage</u>		N/S
5407	Minimum	<u>Tax Mileage</u>		296 ⁰⁰
1124	114 sks	<u>50/50 Por Mix Cement</u>		1054 ⁵⁰
1118B	295#	<u>Premium Gel</u>		47 ²⁵
4402	1	<u>2 1/2" Rubber Plug</u>		22 ⁰⁰
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		KCC WICHITA		
		W/O # 230482		
		6.8%	SALES TAX	76 ⁴²
			ESTIMATED TOTAL	2417 ⁰⁰

Ravin 3737

AUTHORIZATION *[Signature]* TITLE _____

DATE _____