



KANSAS CORPORATION COMMISSION 1155011  
OIL & GAS CONSERVATION DIVISION

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**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- 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 #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ 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 #: \_\_\_\_\_

**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.

Submitted Electronically

**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: \_\_\_\_\_ Date: \_\_\_\_\_



Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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# HUGHES DRILLING REPORT

Well No. 5-A

Farm FLYNN

**SURFACE CASING**

Size 7'

Feet 20.70

Circulated 9 sx cement

**PERMANENT CSG.**

Size 2 7/8 8'hd EVE (c/w)

Feet 860' of PIPE  
Bolt at 854

T. D. at Completion 875

Contractor HUGHES DRILLING CO.

OPERATOR Hughes Drilling

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	soil	2
9	clay	11
8	shale	19
1	lime	20
119	shale	139
22	lime	161
7	shale	168
11	lime	179
5	shale	184
16	lime	200
46	shale	246
17	lime	263
2	shale	265
5	gr sand	270
67	shale	337
23	lime	360
18	shale	378
6	lime	384
28	shale	412
7	lime	419
10	shale	429
2	lime	431
13	shale	444
30'	24 lime	476
8	shale	476
20'	24 lime	500
4	shale	504
4	lime	508
3	shale	511
Head	6 lime	517
152	shale	669
3	lime	672
19	shale	691
8	lime	699
19	shale	718
9	lime	727
12	shale	739
3	lime	742
8	shale	750
8	lime	758
31	shale	789

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
7-8-13	0	2	soil	(1) 21.5-21.5
	2	11	clay	(2) 22.5-44.0
20	11	19	shale	(3) 22.5-66.5
7/19/13	19	20	lime (sch)	(4) 22.5-81.0
5/5/11	20	139	shale (BRKN 120-121)	(5) 22.5-111.5
FDL	139	161	lime	(6) 22.5-134.0
	161	168	shale (slate 167-168)	(7) 22.5-156.5
	168	179	lime	(8) 22.5-179.0
	178	184	shale	(9) 22.5-201.5
	184	200	lime	(10) 22.5-224.0
	200	246	shale	(11) 22.5-246.5
	246	263	lime	(12) 22.5-269.0
	263	265	shale	(13) 22.5-291.5
	265	270	gray sand	(14) 22.5-314.0
	270	337	shale	(15) 22.5-336.5
	337	360	lime	(16) 22.5-359.0
	360	378	shale	(17) 22.5-381.5
	378	384	lime	(18) 22.5-404.0
	384	412	shale	(19) 22.5-426.5
	412	419	lime	(20) 22.5-449.0
	419	429	shale	(21) 22.5-471.5
	429	431	lime	(22) 22.5-494.0
	431	444	shale	(23) 22.5-516.5
3d	444	468	lime	(24) 22.5-539.0
	468	476	shale (slate 475-476)	(25) 22.5-561.5
201	476	500	lime	(26) 22.5-584.0
	500	504	shale	(27) 22.5-606.5

# HUGHES DRILLING REPORT

FR Co., Kansas  
660 FSL 2420 FEL

Well No. S-A  
Farm Flynn

SURFACE CASING  
Size.....  
Feet.....  
Circulated \_\_\_\_\_  
                  ex cement

PERMANENT CSG.  
Size 2 7/8 Gal EUE (New)  
Feet 860' of pipe.  
Bolt at 854'  
T. D. at Completion 875'  
Contractor HUGHES DRILLING CO.

OPERATOR Hughes Drilling

API # \_\_\_\_\_

STRATA THICKNESS	FORMATION DRILLED	T.D.
4	Gas Sand	798
38	oil sand	836
24	Shale	860
2	Lt Brown sand	862
13	shale	875
		T.D.

DATE	DRILLED		REMARKS -- TYPE WORK -- DRILLING REF.	PIPE TALLY
	FROM	TO		
	504	508	Lime	(28) 22.5-629.0
	508	511	Shale	(29) 22.5-651.5
"Flynn"	511	517	Lime	(30) 22.5-674.0
	517	669	Shale (BRKN 521-528)	(31) 22.5-696.5
	669	672	Lime (BRKN)	(32) 22.5-719.0
	672	691	Shale	(33) 22.5-741.5
	691	699	Lime	(34) 22.5-764.0
	699	718	Shale (BRKN 706-709)	(35) 22.5-786.5
	718	727	Lime	(36) 22.5-809.0
	727	739	Shale	(37) 22.5-831.5
	739	742	Lime (Brown)	(38) 22.5-854.0
	742	750	Shale (Slate 749-75)	
	750	758	Lime	
352'	758	789	Shale (BRKN 760-764) (Lime Break 778-779) (Lime Break 785-786)	
7/10/13	789	798	Gas sand } Remarks pg 3	
	798	836	oil sand }	
	836	860	Shale	
	860	862	Lt. Brown sand	
	862	875	Shale	
			T.D.	
	7-10-13		Set 860' of 2 7/8" Gal EUE (New) used 3 centralizers Bolt at 854'	

KD. 20' pulled 3 Jts  
T.D. ASL 11 Jts on Trailer

# HUGHES DRILLING CO.

Wellsville, Kansas 66092

PS-3

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

CORE TIME

Ron 913-883-4656  
Clay 913-883-4383

LEASE Flynn 5-A  
FORMATION #1 Squirrel  
DATE: 7-9-13

~~Chip~~ Chip Samples

FROM	FEET TO	TIME	MINUTES	REMARKS
789	795	Gas sand	(Very/Lamin with shale)	
795	798	Solid Gas sand		
798	801	Gray sandy lime	(no show)	
801	814	Solid sand	(Bleeding oil)	
814	817	Sandy lime	(no show)	
817	825	Solid sand	(oil track)	
825	836	Black sand	(VERY/Lamin with shale)	
(Best Perf. zone 801-814)				



**CONSOLIDATED**  
Oil Well Services, LLC

260448

TICKET NUMBER 42126  
LOCATION Ottawa  
FOREMAN Alan Mader

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
7-10-13	3425	Flynn # 5-A	SE 24	15	20	FR
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Hughes Drilling			516	Alan Mader		
MAILING ADDRESS			368	Alan McD		
122 Main			503	Dan Det		
CITY	STATE	ZIP CODE				
Wellsville	KS	66092				

JOB TYPE bas string HOLE SIZE 5 5/8 HOLE DEPTH 875 CASING SIZE & WEIGHT 2 7/8  
 CASING DEPTH 860 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER pin 854  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING yes  
 DISPLACEMENT 3 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 bpm

REMARKS: Hooked to casing. Established rate. Mixed & pumped 100# gel to flush hole, followed by 118 sk 50/50 cement plus 270 gel & 1/4# flo seal per sack. Circulated cement. Flushed pump. Pumped plug to pin. Well held 800 PSI. Closed valve.

Hughes Water  
Hughes, Eric

*Alan Mader*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1085.00
5406	20	MILEAGE	368	84.00
5402	860	casing footage	368	
5407	min	ten miles	503	388.00
1124	118	50/50 cem		1357.00
1118B	298#	gel		65.56
1107	30#	flo seal		74.10
4402	1	2 1/2 plug		29.80
SALES TAX				116.76
ESTIMATED TOTAL				3179.92

Ravin 3737

AUTHORIZATION *[Signature]* 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.