



KANSAS CORPORATION COMMISSION 1068309
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: _____



1068309

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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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 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>	PRODUCTION INTERVAL: _____ _____
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HUGHES DRILLING REPORT

Well No. 1
 Farm Gresham
 SURFACE CASING
 Size 7"
 Feet 42.80'
 Circulated 12 sx cement

PERMANENT CSG.
 Size 2 7/8" Bld EUC
 Feet 895 pipe T-D.
 Bolt at 890
 T. D. at Completion 915
 Contractor HUGHES DRILLING CO.

OPERATOR Four Corners oil LLC

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2
12	Clay	14
7	Sand stone	21
2	Lime	23
1	Sandy clay	24
7	Sandy shale	31
149	Shale	180
24	Lime	204
8	Shale	212
10	Lime	222
6	Shale	228
28	Lime	256
5	Shale	261
21	Lime	282
2	Shale	284
4	Sand	288
22	Shale	310
4	Sand	314
49	Shale	363
21	Lime	384
20	Shale	404
6	Lime	410
31	Shale	441
9	Lime	450
6	Shale	456
2	Lime	458
15	Shale	473
30'	23 Lime	496
9	Shale	505
20'	22 Lime	527
4	Shale	531
3	Lime	534
5	Shale	539
Hertha	16 Lime	545
18	Shale	563
2	Sand	565
151	Shale	716
7	Lime	723
19	Shale	742
10	Lime	752
12	Shale	764

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
24/11	0	2	Soil	(1) 21.5-21.5
	2	14	Clay	(2) 22.5-49.0
	14	21	Sand stone	(3) 22.5-66.5
42'	21	23	Lime (sandy)	(4) 22.5-89.0
10-25-11	23	24	sandy clay	(5) 22.5-111.5
5-28-2011	24	31	Sandy shale	(6) 22.5-134.0
	31	180	Shale	(7) 22.5-156.5
	180	204	Lime (Bk 185-188)	(8) 22.5-179.0
	204	212	Shale (Slate 211-212)	(9) 22.5-201.5
	212	222	Lime	(10) 22.5-224.0
	222	228	Shale	(11) 22.5-246.5
	228	256	Lime	(12) 22.5-269.0
	256	261	Shale	(13) 22.5-291.5
	261	282	Lime	(14) 22.5-314.0
	282	284	Shale	(15) 22.5-336.5
	284	288	Sand	(16) 22.5-359.0
	288	310	Shale	(17) 22.5-381.5
	310	314	Sand	(18) 22.5-404.0
	314	363	Shale	(19) 22.5-426.5
	363	384	Lime	(20) 22.5-449.0
	384	404	Shale (Bk 385-389)	(21) 22.5-471.5
	404	410	Lime	(22) 22.5-494.0
	410	441	Shale	(23) 22.5-516.5
	441	450	Lime	(24) 22.5-539.0
	450	456	Shale	(25) 22.5-561.5
	456	458	Lime	(26) 22.5-584.0
	458	473	Shale	(27) 22.5-606.5

HUGHES DRILLING REPORT

Well No. 1 SURFACE CASING PERMANENT CSG.
 Farm Grashens Size 2 1/2" 8.2 EUE
 Feet 815' pipe T.D
 Circulated sx cement Bolt at 810
 T. D. at Completion 915
 OPERATOR Four Corners Oil LLC Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T.D.
3	Lime	767
4	Shale	771
4	Lime	775
6	Shale	781
9	Lime	790
15	Shale	805
3	Lime	808
21	Shale	829
22	oil sand	851
14	Shale	865
1	Sdy Lime	866
6	Shale	872
4	Bl. sand	876
	Shale	915
		T.D.

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
	30'	473 496	Lime	(20) 225-629.0
		496 505	Shale (499-500 Slate)	(29) 225-651.5
	30'	505 527	Lime	(30) 225-674.0
		527 531	Shale (Slate 528-529)	(31) 225-696.5
		531 534	Lime	(32) 225-719.0
		534 539	Shale	(33) 225-741.5
	"Hertha"	539 545	Lime	(34) 225-764.0
		545 563	Shale (BRK 550-554)	(35) 225-786.5
		563 565	Sand (Gray)	(36) 225-809.0
		565 716	Shale (Sdy 662-665) (BRK 706-710)	(37) 225-831.5
		716 723	Lime	(38) 225-854.0
		723 742	Shale (BRK 730-735)	(39) 225-876.5
		742 752	Lime (BRK 748-752)	(40) 225-899.0
		752 764	Shale	
		764 767	Lime (Brown)	
		767 771	Shale (Slate 768-769)	
		771 775	Lime (BRK)	
		775 781	Shale	
		781 790	Lime	
		790 805	Shale (Lime Break 800) (Slate 801-802)	
		805 808	Lime	
829'		808 829	Shale	
10-26-11		829 851	oil sand (Remarks pg 4)	
		851 865	Shale	
		865 866	sandy lime	
		866 872	Shale	
		872 876	Black sand	

pulled 3 + 1/2" ...



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 33019

LOCATION Ottawa KS

FOREMAN Fred 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
10/27/11		Grashaug #61	SE 23	15	20	FR
CUSTOMER Four Corners Oil LLC			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 4764 Tennessee Rd. P.O. Box 638			506	FREMAD		
CITY Wallsville			495	HARBEC		
STATE KS			309	DERMAS		
ZIP CODE 66082			510	REIDET		

JOB TYPE Longstring HOLE SIZE 5 7/8 HOLE DEPTH 915' CASING SIZE & WEIGHT 2 7/8 EUE
 CASING DEPTH 895' DRILL PIPE Bolt In TUBING @ 890 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2' Plug + 5'
 DISPLACEMENT 5.17 DISPLACEMENT PSI _____ MIX PSI _____ RATE 5BPM

REMARKS: Establish circulation. Mix + Pump 100# Premium Gel Flush
 Mix + Pump SKs 50/50 Poz Mix Cement + 790 Gel.
 Cement to surface. Flush pump + lines clean. Displace
 2 1/2" Rubber plug to pin d. casing. Pressure to 600# PSI
 Shut in casing

Hughes Drilling

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	975 ⁰⁰
5406	15 mi	MILEAGE	495	60 ⁰⁰
5402	895	Casing Footage		Nil
5407	Minimum	Ton Miles	510	330 ⁰⁰
5502C	1 1/2 hr	80 BBL Voo Truck	369	135 ⁰⁰
1124	115 SKs	50/50 Poz Mix Cement		120175
1118B	294 #	Premium Gel		58 ⁸⁰
4402		2 1/2" Rubber Plug		28 ⁰⁰
		P.O. check #	Less 2% - 57.78	
		Thank You	Total 2,831.28	
			7.0%	

Ravin 3737

Ray Spohn

AUTHORIZATION _____ TITLE _____ DATE _____

SALES TAX 100.31
ESTIMATED TOTAL 2889.06

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.