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JAN 14 2013

KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 32067
Name: J & J Well Services
Address 1: P.O. Box 453
Address 2: _____
City: Wellsville State: Ka Zip: 66092 + _____
Contact Person: Jerry Billbe
Phone: (785) 2419872
CONTRACTOR: License # 5682
Name: Hughes Drilling Co.
Wellsite Geologist: n/a
Purchaser: Pacer

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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 #: _____

10/23/12 10/23/12 10/24/12
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-121-29,282-0000
Spot Description: NW-SW-SW-NW
W1/2 NW1/4 Sec. 13 Twp. 16 S. R. 21 East West
2,145 Feet from North / South Line of Section
165 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Miami
Lease Name: Shields Well #: B1
Field Name: Paola-Rantoul;
Producing Formation: Squirrel
Elevation: Ground: 1018 Kelly Bushing: 1023
Total Depth: 732 Plug Back Total Depth: 719
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: 719
feet depth to: surface w/ 116 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 #: _____

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.

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.

Signature: Jerry Billbe
Title: Owner Date: 12/8/2012

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: Dlg Date: 11/14/13

Operator Name: J & J Well Services Lease Name: Shields Well #: B1
 Sec. 13 Twp. 16 S. R. 21 East West County: Miami

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 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 checked="" type="checkbox"/> Yes <input 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Gamma Ray/ Neutron / CCL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum squirrel 672 <div style="text-align: center;"> RECEIVED RECEIVED JAN 14 2013 DEC 27 2012 KCC WICHITA KCC WICHITA </div>
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CASING RECORD <input checked="" 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	9.875	7"	19.0	20.00	Portland	7	
Production	5.625"	2 7/8"	6.5	719	Portland	116	50/50 pozmix

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
4	672.0 - 685.0 53 perfs	75 gallons 10% HCL	672-685
		300# 16/30 sand	672-685
		6200# 12/20 sand	672-685

TUBING RECORD: Size: Set At: Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Resurged Production, SWD or ENHR. <u>11/8/2012</u>		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	Water Bbls. 2
		Gas-Oil Ratio	Gravity 26.0

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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>672-685</u>
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HUGHES DRILLING REPORT

Sec. 13, Twp. 16, Rng. 21
 W. Co., Kansas
 2145 F&M 165 F&M
 API # 15-12-29282

Well No. B-1
 Farm Shields
 SURFACE CASING
 Size 7 1/2
 Feet 20
 Circulated 8 ex cement

PERMANENT CSG.
 Size 2 7/8 3rd EWE
 Feet 719'
BOITAT 714

OPERATOR Jerry Billbe

T. D. at Completion 732
 Contractor HUGHES DRILLING CO.

STRATA THICKNESS	FORMATION DRILLED	T.D.
1	Soil	1
8	Clay	9
18	Lime	27
6	Shale	23
11	Lime	44
6	Shale	50
19	Lime	69
30	Shale	99
17	Lime	116
91	Shale	207
20	Lime	227
33	Shale	260
7	Lime	267
26	Shale	293
3	Lime	296
29	Shale	325
30'	22' Lime	347
8	Shale	355
20'	21' Lime	376
5	Shale	381
4	Lime	385
4	Shale	389
Hertma' 6	Lime	395
14'	Shale	536
23	Brk lime	558
8	Lime	566
33	Shale	599
8	Lime	607
12	Shale	619
3	Lime	622
11	Shale	633
15	Lime	648
23	Shale	671
15	Oil Sand	686
33	Shale	719
1	Lime	720
12	Shale	732
		T.D.

DATE	DRILLED		REMARKS - TYPES WORK - BILLING REF.	PIPETALLY
	FROM	TO		
10/22/12	0	1	Soil	(1) 21.5 - 21.5
20	1	9	Clay	(2) 22.5 - 44.0
10/23/12	9	27	Lime	(3) 22.5 - 66.5
SS/B	27	33	Shale (Deck)	(4) 22.5 - 89.0
PDC	33	44	Lime	(5) 22.5 - 111.5
	44	50	Shale	(6) 22.5 - 134.0
	50	69	Lime	(7) 22.5 - 156.5
	69	99	Shale	(8) 22.5 - 179.0
	99	116	Lime	(9) 22.5 - 201.5
	116	207	Shale	(10) 22.5 - 224.0
	207	227	Lime	(11) 22.5 - 246.5
	227	260	Shale (Brkn 250-281)	(12) 22.5 - 269.0
	260	267	Lime	(13) 22.5 - 291.5
	267	293	Shale	(14) 22.5 - 314.0
	293	296	Lime	(15) 22.5 - 336.5
	296	325	Shale	(16) 22.5 - 359.0
30'	325	347	Lime	(17) 22.5 - 381.5
	347	355	Shale (Slate 353-354)	(18) 22.5 - 404.0
20'	355	376	Lime	(19) 22.5 - 426.5
	376	381	Shale (Slate 380-381)	(20) 22.5 - 449.0
	381	385	Lime	(21) 22.5 - 471.5
	385	389	Shale	(22) 22.5 - 494.0
"Hertma"	389	395	Lime	(23) 22.5 - 516.5
	395	536	Shale (Brkn 401-404)	(24) 22.5 - 539.0
	536	558	Lime (Broken)	(25) 22.5 - 561.5
	558	566	Lime	(26) 22.5 - 584.0
	566	599	Shale	(27) 22.5 - 606.5

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CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 35030
LOCATION Ottawa, KS
FOREMAN Casen Kennedy

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/24/12	7955	Shields # B1	NW13	16	21	M1
CUSTOMER Shields Farm lease/Jane Shields			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 304 E. 11th St			481	CasKen	✓	Safety Meeting
CITY Ottawa			6666	Gar Moo	✓	
STATE KS			503	PanDot	✓	
ZIP CODE 66607			370	Kei Car	✓	

JOB TYPE long string HOLE SIZE 5 7/8" HOLE DEPTH 732 CASING SIZE & WEIGHT 2 7/8" EXE
 CASING DEPTH 719 DRILL PIPE _____ TUBING pin - 714' OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 4.15 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.5 bpm

REMARKS: held safety meeting, established circulation, mixed + pumped 100 # Premium Gel followed by 10 bbls fresh water, mixed + pumped 116 sks 50% Pozmix cement w/ 1/4 # Floseal + 2% gel per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to pin w/ 4.15 bbls fresh water, pressured to 500 PSI, shut in casing.

[Handwritten signature]

Huglos Drilling

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1030.00
5406	20 mi	MILEAGE		80.00
5402	719'	casing footage		
5407	minimum	ton mileage		350.00
5502C	1.5 hrs	80 Val		135.00
1124	116 sks	50% Pozmix cement	RECEIVED	1270.20
1118B	295 #	Premium Gel	DEC 27 2012	61.95
1107	29 #	Floseal		108.15
9402	1	2 1/2" rubber plug	KCC WICHITA	28.00
			7.55%	SALES TAX
				ESTIMATED TOTAL
				107.84
				3131.14

Ravin 3737

AUTHORIZATION Dennis B. Shields 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

254044



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 254044

Invoice Date: 10/29/2012 Terms: 0/0/30,n/30

Page 1

SHIELDS FARM LEASE
ATTN: JANE SHIELDS
304 E. 11TH ST.
OTTAWA KS 66067
(785) 883-2496

SHIELDS B1
35030
13-16-21
10-24-2012
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	116.00	10.9500	1270.20
1118B	PREMIUM GEL / BENTONITE	295.00	.2100	61.95
1107	FLO-SEAL (25#)	29.00	2.3500	68.15
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00
Description		Hours	Unit Price	Total
370	80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00
503	MIN. BULK DELIVERY	1.00	350.00	350.00
666	CEMENT PUMP	1.00	1030.00	1030.00
666	EQUIPMENT MILEAGE (ONE WAY)	20.00	4.00	80.00
666	CASING FOOTAGE	719.00	.00	.00

*Pd Nov. 18 2012
334*

*3/31.14
8094.82
15,225.96*

Parts:	1428.30	Freight:	.00	Tax:	107.84	AR	3131.14
Labor:	.00	Misc:	.00	Total:	3131.14		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____

Date _____

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

PONCA CITY, OK
580/762-2303

OAKLEY, KS
785/672-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

GILLETTE, WY
307/686-4914