

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 5123
Name: Pickrell Drilling Company, Inc.
Address 1: 100 S. Main, Suite 505
Address 2: _____
City: Wichita State: Ks Zip: 67212 + 3738
Contact Person: Larry J. Richardson
Phone: (316) 262-8427
CONTRACTOR: License # 5123
Name: Company Tools
Wellsite Geologist: Jerry Smith
Purchaser: NCRA

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 #: _____

<u>9-07-10</u>	<u>9-13-10</u>	<u>10-14-10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-25,124-0000
Spot Description: 50' W. of NW NE NW
NW NW NE NW Sec. 9 Twp. 17 S. R. 25 East West
330 Feet from North / South Line of Section
1,600 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ness
Lease Name: Giess "E" Well #: 1
Field Name: Stutz East
Producing Formation: Misissippi
Elevation: Ground: 2506 Kelly Bushing: 2511
Total Depth: 4477 Plug Back Total Depth: 4470 (LTD)
Amount of Surface Pipe Set and Cemented at: 260'KB Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1815' Feet
If Alternate II completion, cement circulated from: 260'
feet depth to: surface w/ 170 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 2200 ppm Fluid volume: 300 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: Jack Surley
Title: Jack Surley - Vice-President Date: 11-05-10

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
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11/9/10

Operator Name: Pickrell Drilling Company, Inc. Lease Name: Giess "E" Well #: 1
 Sec. 9 Twp. 17 S. R. 25 East West County: Ness

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If no, Submit Copy) List All E. Logs Run: Dual Induction Compensated	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input 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>Anhydrite</td> <td>1849</td> <td>+662</td> </tr> <tr> <td>Heebner</td> <td>3813</td> <td>-1302</td> </tr> <tr> <td>Lansing</td> <td>3852</td> <td>-1341</td> </tr> <tr> <td>Stark</td> <td>4093</td> <td>-1582</td> </tr> <tr> <td>Pawnee</td> <td>4281</td> <td>-1769</td> </tr> <tr> <td>Fort Scott</td> <td>4353</td> <td>-1842</td> </tr> <tr> <td>Mississippian</td> <td>4443</td> <td>-1932</td> </tr> </table>	Name	Top	Datum	Anhydrite	1849	+662	Heebner	3813	-1302	Lansing	3852	-1341	Stark	4093	-1582	Pawnee	4281	-1769	Fort Scott	4353	-1842	Mississippian	4443	-1932
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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 Casing	12 1/4"	8 5/8"	23# New	260'KB	pozmix	170	2% gel, 3% CC
Production Casing	7 7/8"	4 1/2"	10.5# New	4455'	200sx	pos & common	3/4 of 1% CFR-2, 10% salt
DV Tool				1815'	SMD	270	circ to surface

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
	Open Hole 4455-4470	None	

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>4461'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	RECEIVED NOV 09 2010
Date of First, Resumed Production, SWD or ENHR. <u>10-14-10</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. <u>70</u>	Gas Mcf <u>Nil</u>	Water Bbls. <u>1</u>	Gas-Oil Ratio	Gravity <u>40</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4455-4470</u>
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ALLIED CEMENTING CO., LLC. 036824

ATTN: P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Green Bend

DATE <u>9-7-10</u>	SEC. <u>9</u>	TWP. <u>17</u>	RANGE <u>25</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00 pm</u>	JOB FINISH <u>1030 pm</u>
LEASE <u>Glass #7</u>	WELL# <u>1</u>	LOCATION <u>To 230 RD 1/2 East 1/2 South</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>To 230 RD 1/2 East south into</u>					

CONTRACTOR Pickrell Drilling Rig OWNER Pickrell Drilling Co.

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 265

CASING SIZE 8 3/4 DEPTH 260

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 15.50 Dis

EQUIPMENT

PUMP TRUCK CEMENTER Wayne-D

181 HELPER Bob-R

BULK TRUCK

456 DRIVER Bill

BULK TRUCK

DRIVER

REMARKS:

Pipe on bottom Break circulation with Rig mud

Hook up to cement line

Mix 1705x 60/40 3%cc 2% Gel

Displace 15.50 BBLs fresh water - cement did circulate Shut in washup Rig Down

CHARGE TO: Pickrell Drilling

STREET _____

CITY _____ STATE _____ ZIP _____

CEMENT			
AMOUNT ORDERED	<u>170 5x 60/40 3%cc</u>		
	<u>2% Gel</u>		
COMMON	<u>102</u>	@ <u>13.50</u>	<u>1377.00</u>
POZMIX	<u>68</u>	@ <u>7.55</u>	<u>513.40</u>
GEL	<u>3</u>	@ <u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>5</u>	@ <u>51.50</u>	<u>257.50</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>170</u>	@ <u>2.25</u>	<u>382.50</u>
MILEAGE	<u>170x27x.10</u>		<u>459.00</u>
TOTAL			<u>3050.15</u>

SERVICE

DEPTH OF JOB	<u>260</u>		
PUMP TRUCK CHARGE			<u>990.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>27</u>	@ <u>7.00</u>	<u>189.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL			<u>1179.00</u>

RECEIVED PLUG & FLOAT EQUIPMENT

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To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment



CHARGE TO: Pickrell Drilling
 ADDRESS:
 CITY, STATE, ZIP CODE:

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 TICKET 18978
 PAGE 1 OF 2

SERVICE LOCATIONS
 1. NESS city KS WELL/PROJECT NO. #1 LEASE Gress E COUNTY/PARISH NESS STATE KS CITY DATE 13SEP10 OWNER
 2. TICKET TYPE SERVICE CONTRACTOR Cotools RIG NAME/NO. SHIPPED VIA GT DELIVERED TO location ORDER NO.
 3. WELL TYPE oil WELL CATEGORY Developments JOB PURPOSE cont long string WELL PERMIT NO. WELL LOCATION 9-175-25W
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			U/M		U/M		
575		1			MILEAGE TRK 114	25	mi			5.00	125.00
578					Pump Change	7	ea			1400.00	1400.00
402		1			Centralizers	4 1/2	in	4	in	50.00	200.00
403		1			Cement basket	1	ea	1	ea	200.00	200.00
407		1			insert float shoe w/ AUTO FILL	1	ea	1	ea	250.00	250.00
408		1			DV tool and ply set	1	ea	1	ea	2250.00	2250.00
417		1			DV latch down pulley & buffer	1	ea	1	ea	200.00	200.00
579		1			Pump Change - two stage	1	ea	1	ea	1750.00	1750.00
290		1			D-AIR	4	gal	4	gal	35.00	140.00
281		1			MUD Flush	500	gal	500	gal	1.00	500.00
221		1			KEL liquid	4	gal	4	gal	25.00	100.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X [Signature]
 DATE SIGNED TIME SIGNED 0330 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE		AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL 1	5715.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	8439.09
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	14154.09
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				17.055 TAX 6.3%	688.75
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	14,842.84
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 18978

CUSTOMER Pickrell WELL A1222 E DATE 13 SEP 10 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M			
326		1				60/40 POZ	25	sls			9.50	1187	50
325		1				STANDARD	75	sls			12.00	900	00
330		1				SMD cements	300	sls			15.00	4500	00
276		1				flocle			75	lb	1.50	112	50
		1				Benlate gel	200	lb			NC		
283		1				SALT	350	lb			0.15	52	50
285		1				CPR-1	85	lb			4.00	140	00
												340	00
581						SERVICE CHARGE							
							500	sls			1.50	750	00
583						MILEAGE CHARGE	477	27			1.00	596	59
						TOTAL WEIGHT			LOADED MILES	25			
									TON MILES	596.59			

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CONTINUATION TOTAL 8439.09

JOB LOG

SWIFT Services, Inc.

DATE 12/28/10 PAGE NO. 1

CUSTOMER Pickrell WELL NO. #1 LEASE Gross E JOB TYPE Cement long string TICKET NO. 18978

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								Centralizer 1, 2, 3 #62
								Basket 63 - 2 stage -
								DV tool #63 at 1815'
								(125 sks 60/40 poz 2%)
								75 sks STD w/10% salt 4 1/2" 10.5 #
								300 sks SMD
	1045							LTD-4470 set to 4460 25' sks just on location TRK 114
	1115							start pipe 4 1/2"
MSEP 10	0120							Drop ball - circulate - pump flushed
	0145	4 1/2 #3	29				200	Pump 1st stage - 60/40 poz at 13.6 PPg
		4 1/2 #3	16				200	Pump STD w/salt at 15.8 PPg
	0200	6 3/4	70				200	Drop plug - start displacement
							1500	land plug 1500 psi
	0210							Wash pump drop DV opening tool
	0230							plug RH - 30 bbl SMD cont
	0235	6 3/4	0				250	start cement downhole - SMD @ 11.2 PPg
		6 3/4	151				250	kickout (20 sks mixed)
	0305							→ cement circulated to surface - 45 sks to pt ←
	0308	6 3/4	0				200	Prop plug - begin displacement
		4 1/2	29				200	
	0315						1500	land plug
								Release pressure - dried up
	0335							Wash truck
	0335							RACK up
	0350							Job complete
								Thanks! Wayne, Blake, John, Dave and Joe

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