

ORIGINAL

**KANSAS CORPORATION COMMISSION
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 # 5091
Name: Howell Oil Company, Inc.
Address 1: 2400 Riverbirch Rd.
Address 2: _____
City: Hutchinson State: KS. Zip: 67502 + _____
Contact Person: Larry Ressler
Phone: (620) 664-0597
CONTRACTOR: License # 34484
Name: Fossil Drilling
Wellsite Geologist: Curtis Covey
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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
<u>08-18-2011</u>	<u>08-24-2011</u>	<u>09-26-2011</u>

API No. 15 - 079-20688-00-00
Spot Description: _____
NE NE NW Sec. 18 Twp. 23 S. R. 3 East West
330 Feet from North / South Line of Section
2,210 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Harvey
Lease Name: Pizinger Well #: 5
Field Name: Burton
Producing Formation: Mississippi
Elevation: Ground: 1471 Kelly Bushing: 1479
Total Depth: 3797 Plug Back Total Depth: 3525
Amount of Surface Pipe Set and Cemented at: 290 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/ _____
RECEIVED
DEC 16 2011
sx cmf.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

KCC WICHITA

Chloride content: 4000PPM ppm Fluid volume: 2000 bbls
Dewatering method used: Hauled Off
Location of fluid disposal if hauled offsite: _____
Operator Name: Howell Oil Co., Inc
Lease Name: Sabin License #: 5091
Quarter NE Sec. 13 Twp. 23 S. R. 4 East West
County: Reno Permit #: E-27831

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: Larry Ressler
Title: Superintendent Date: 12-14-2011

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: Dtg Date: 12/21/11

Operator Name: Howell Oil Company, Inc. Lease Name: Pizinger Well #: 5
 Sec. 18 Twp. 23 S. R. 3 East West County: Harvey

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 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 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Micro Log, Dual Induction Log & Cement Bond Log	<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>Mississippi</td> <td>3292</td> <td>-1813</td> </tr> <tr> <td>Kinderhook</td> <td>3590</td> <td>-2111</td> </tr> <tr> <td>Hunton</td> <td>3666</td> <td>-2187</td> </tr> </table>	Name	Top	Datum	Mississippi	3292	-1813	Kinderhook	3590	-2111	Hunton	3666	-2187
Name	Top	Datum											
Mississippi	3292	-1813											
Kinderhook	3590	-2111											
Hunton	3666	-2187											

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	17 1/2	13 3/8	48	290	Common	250	3%CC, 2%gel
Long String	7 7/8	5 1/2	14	3525	Common	160	2% CC, 3% 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 (Amount and Kind of Material Used)	Depth
2	3348-52	Acid- 300 gal. 15% MCA	3348-52
		Acid- 500 gal. 15% NE FE	3348-52
2	3366-70	Acid- 250 gal. 15%MCA	3366-70

TUBING RECORD:		Size: <u>2 7/8</u>	Set At: <u>@ 3445</u>	Packer At: <u>none</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> KCC WICHITA
Date of First, Resumed Production, SWD or ENHR. <u>10-20-2011</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 Bbbs. <u>5</u>	Gas Mcf <u>0</u>	Water Bbbs. <u>250 Bbbs. per day</u>	Gas-Oil Ratio <u>2% Oil Cut</u>	Gravity <u>38</u>

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>3348-52 3366-70</u>
---	--	--



CONSOLIDATED
Oil Well Services, LLC

Surface pipe

TICKET NUMBER 31248

LOCATION # 180 Eldorado

FOREMAN Jacob Storm

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																
8-19-11						Barber																
CUSTOMER		MAILING ADDRESS		CITY		STATE																
CITY		STATE	ZIP CODE	<table border="1"> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> <tr> <td>290</td> <td>Jerid</td> <td></td> <td></td> </tr> <tr> <td>491</td> <td>Joc</td> <td></td> <td></td> </tr> <tr> <td>450</td> <td>Jacob</td> <td></td> <td></td> </tr> </table>			TRUCK #	DRIVER	TRUCK #	DRIVER	290	Jerid			491	Joc			450	Jacob		
TRUCK #	DRIVER	TRUCK #	DRIVER																			
290	Jerid																					
491	Joc																					
450	Jacob																					

Safety meeting JB J.d JB

JOB TYPE Surface 2 HOLE SIZE 15 1/4 HOLE DEPTH 300 CASING SIZE & WEIGHT 13 3/8
 CASING DEPTH 294 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.516 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20ft
 DISPLACEMENT 43.41 DISPLACEMENT PSI 300 MIX PSI 200 RATE 3bpm

REMARKS: *Safety meeting, Rigid up, Break circulation, mixed 257 sks class A 3 1/2 cc 2% gel 1/2 lb poly-flake displaced 38 1/2 bbl, circulation cement to surface*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	775.00	775.00
5406	65	MILEAGE	4.00	260.00
5407A	65	X 12.07 ton mileage X	1.26	988.53
1104	257	class A	14.25	3662.25
1102	640	calcium chloride	0.70	448.00
1118 B	500	gel	0.20	100.00
1107	125	poly-flake	2.22	277.50
			Subtotal	6511.28
			SALES TAX	
			ESTIMATED TOTAL	

RECEIVED
DEC 16 2011
KCC WICHITA

Ravin 3737

AUTHORIZATION

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 for



CONSOLIDATED
Oil Well Services, LLC

Long String
ENTERED

TICKET NUMBER 31252
LOCATION # 180 Eldorado
FOREMAN Jacob Storm

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8678

FIELD TICKET & TREATMENT REPORT

CEMENT Api 15-079-20688-00-00

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
8-28-11	3631	Picinger #5	18	23	3E	Harvey																
CUSTOMER Hovell oil co inc			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>446</td> <td>Jeff</td> <td></td> <td></td> </tr> <tr> <td>442</td> <td>Mark</td> <td></td> <td></td> </tr> <tr> <td>450</td> <td>Jacob</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	446	Jeff			442	Mark			450	Jacob		
TRUCK #	DRIVER	TRUCK #					DRIVER															
446	Jeff																					
442	Mark																					
450	Jacob																					
MAILING ADDRESS 2400 River birch RD																						
CITY Hutchinson	STATE KS	ZIP CODE 67502																				

Safety Meeting
J.S.
M.G.

JOB TYPE Long String B HOLE SIZE 7 7/8 HOLE DEPTH 3798 CASING SIZE & WEIGHT 5 1/2 15.5 lb
 CASING DEPTH 3565 DRILL PIPE N/A TUBING N/A OTHER _____
 SLURRY WEIGHT 15.0 lb SLURRY VOL 30.85 WATER gal/sk 5.83 CEMENT LEFT in CASING 40ft Shoe
 DISPLACEMENT 86.01 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting circulate hole for 1hr. Set packer shoe mixed 160 sks class A 3 1/2 gel 2 1/2 cc 5/8 Kol-seal, displaced with latchdown plug to 3525, landing plug at 1400 psi checked float 5/8 of hole, plugged rat hole with 20 sks class A 3 1/2 gel 2 1/2 cc 5/8 Kol seal.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
5406	65	MILEAGE	4.00	260.00
5407 A	65	X 8.46 ton mile X	1.26	692.87
5402	1100ft	Footage	0.21	231.00
1104S	180 SKS	Class A	14.25	2565.00
1102	320 lbs	calcium chloride	0.70	224.00
1118 B	550 lbs	gel	0.20	110.00
1110 A	900 lbs	Kol-seal	0.44	396.00
4104	2	5 1/2 Basket	229.00	458.00
4130	8	5 1/2 centralizer	48.00	384.00
4253	1	5 1/2 x 7 7/8 Type A packer shoe	1584.00	1584.00
4454	1	5 1/2 Latchdown plug	264.00	264.00
RECEIVED				
DEC 16 2011				
KCC WICHITA				
			Subtotal	8133.87
			SALES TAX	495.92
			ESTIMATED TOTAL	8629.79

Revin 3737

AUTHORIZATION

[Signature]

243880
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