

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

7/01/10
Form ACO-1
October 2008
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 7311
Name: Shakespeare Oil Company, Inc.
Address 1: 202 West Main St.
Address 2: _____
City: Salem State: IL Zip: 62881 + _____
Contact Person: Don Williams
Phone: (618) 548-1585 **CONFIDENTIAL**
CONTRACTOR: License # 33935 **JUL 01 2009**
Name: H. D. Drilling, LLC
Wellsite Geologist: Steve Davis **KCC**
Purchaser: _____
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
_____ Oil _____ SWD _____ SLOW
_____ Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
 Dry _____ Other _____
(Core, WSW, Expl., Cathodic, 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
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
5/30/2009 6/08/2009 6/09/2009
Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date _____

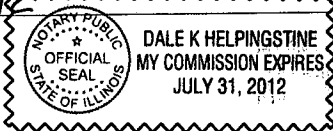
API No. 15 - 109-20840-0000
Spot Description: _____
NE NE SW SE Sec. 27 Twp. 13 S. R. 32 East West
1200 Feet from North / South Line of Section
1610 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Logan
Lease Name: Smith Well #: 1-27
Field Name: Wildcat
Producing Formation: N/A
Elevation: Ground: 2938 Kelly Bushing: 2947
Total Depth: 4670 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 224 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 224
feet depth to: surface w/ 170 sx cmt.

Drilling Fluid Management Plan PANJ 7-23-09
(Data must be collected from the Reserve Pit)
Chloride content: 6500 ppm Fluid volume: 2500 bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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.

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: Donald R Will
Title: VICE PRESIDENT Date: 7/1/09
Subscribed and sworn to before me this 1st day of July
20 09
Notary Public: Dale K Helpingstine
Date Commission Expires: 7/31/2012



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Shakespeare Oil Company, Inc. Lease Name: Smith Well #: 1-27
 Sec. 27 Twp. 13 S. R. 32 East West County: Logan

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input 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 <i>(Submit Copy)</i> List All E. Logs Run: Weatherford: Array Induction, CDNL, ML, Sonic	<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>Stone Corral Anhydrite</td> <td>2426</td> <td>+521</td> </tr> <tr> <td>Stone Corral base</td> <td>2450</td> <td>+497</td> </tr> <tr> <td>Heebner</td> <td>3917</td> <td>-970</td> </tr> <tr> <td>Lansing</td> <td>3964</td> <td>-1017</td> </tr> <tr> <td>BKC</td> <td>4269</td> <td>-1322</td> </tr> <tr> <td>L. Cherokee Shale</td> <td>4477</td> <td>-1530</td> </tr> <tr> <td>Mississippian</td> <td>4578</td> <td>-1631</td> </tr> </table>	Name	Top	Datum	Stone Corral Anhydrite	2426	+521	Stone Corral base	2450	+497	Heebner	3917	-970	Lansing	3964	-1017	BKC	4269	-1322	L. Cherokee Shale	4477	-1530	Mississippian	4578	-1631
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Mississippian	4578	-1631																							

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	12-1/4"	8-5/8"	23#	224'	CI A	170	2% gel, 3% CaCl2

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 <i>(Amount and Kind of Material Used)</i>	Depth
		<div style="font-size: 2em; font-weight: bold; opacity: 0.5;">RECEIVED</div> <div style="font-size: 1.5em; font-weight: bold; opacity: 0.5;">JUL 06 2009</div> <div style="font-size: 1.5em; font-weight: bold; opacity: 0.5;">KCC WICHITA</div>	

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. _____ Gas Mcf _____ Water Bbls. _____	Gas-Oil Ratio _____ Gravity _____

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

SHAKESPEARE OIL COMPANY, INC.

Smith #1-27

LOGO Prospect
1200' FSL 1610' FEL, Sec. 15-13S-32W
Logan Co., KS
API# 15-109-20840
EGL 2938'; EKB 2947'

Final Report

Wellsite Geologist: Steve Davis 316-772-6479
HD Drilling Toolpusher: Doug Roberts 620-617-6023
HD Drilling Rig #2: Rig/Geo Trailer 785-656-2725 & 785-656-2714

DAILY DRILLING REPORT

5/25/09 MIRU HD Drilling Rig #2.

5/26/09 Too muddy to start.

5/27/09 Got 3" more inches of rain. Will spud well on 5/30.

5/30/09 Spud 12 ¼" @ 11:30 am. Drilled to 227', SHT @ 227' = ¾". TIH w/ 5 jts MPW LS 23# 8 5/8" csg (212') and set @ 224'. **RU Allied Cementing and cmt'd w/ 170 sx Class "A" w/ 2% gel & 3% CaCl₂ WOC.**

5/31/09 Depth 444'. Start drlg. 7 7/8" @ 6:00 am.

6/01/09 Depth 1790'. Anhydrite from 2433-50'.

6/02/09 Depth 2937'. Lost approx. 120 bbls @ 2937'. Pulled 10 stds, mixed mud and restored circ. Losing some fluid @ connections.

6/03/09 Depth 3486' – mudded up.

6/04/09 Depth 3972'. Geo. on location.

6/05/09 Depth 4235'. No shows in A through J zones. Have slight to fair show free oil in K. Short trip. Strap pipe – 1.05' short. SHT @ 4235' = ½". TOH for DST #1. **RU Trilobite Testing for DST #1 LKC "K" 4198'-4235' 30-30-30-30. Rec'd 82' SO & WCM (3% oil, 32% wtr, 65% mud) & 124' WCM w/ trace oil (45% wtr, 55% mud).** IF: weak blow to 4" – no return, FF: ½" blow – no return, IFP: 56-95#, FFP: 103-114#, ISIP: 1365#, FSIP: 1293#.

6/06/09 Depth 4276'.

6/07/09 Depth 4515'. No shows since K zone. Have slight to FSFO in Johnson. TOH for DST #2. **RU Trilobite Testing for DST #2 Johnson 4506'-4546'**

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6/07/09(cont'd) **30-30-60-90. Rec'd 124' GIP, 5' SGO (5% gas, 95% oil) & 243' SGMCO (5% gas, 55% oil, 40% mud).** IF: ½" built to 1 ¾" (surging) – no return, FF: BOB in 40 min. – ½" return died in 50 min., IFP: 26-142# (plugging), FFP: 87-112#, ISIP: 879#, FSIP: 603#.

6/08/09 Depth 4580'. Drilled to DTD 4670'. SHT @ 4670' = 1.5⁰. TOH for logs. **RU Weatherford to run Array Induction, Photo Density, Comp. Neutron, Microlog & Comp. Sonic. LTD 4665'.** RD Weatherford. TIH w/ DP. – leave out 40 plugging stds. **Due to a lack of quality shows and porosity, it was decided to plug this well.**

6/09/09 LDDC, DP, swivel & kelly. RU Allied Cementing to plug as follows: 25 sx @ 2440', 100 sx @ 1400', 40 sx @ 270', 10 sx @ 40' and 30 sx for rathole – total 205 sx 60/40 Pozmix w/ 4% gel & ¼#/sx floseal. Plugging orders from KCC inspector Rich Williams. Plug down @ 8:30 am. Rig released 9:00 am.

Comparison of Log Tops

Formation	SOCO Smith #1-27 27-13S-32W EKB 2947'	SOCO Bader #1-23 23-13S-32W EKB 3021' D&A	Beren Corp. Cunningham #1 27-13S-32W EKB 3033' D&A
Base Anhydrite	2450' (+497')	2522' (+499')	2510' (+523')
Heebner	3917' (-970')	3978' (-957')	3992' (-959')
Lansing	3964' (-1017')	4018' (-997')	4038' (-1005')
Muncie Creek	4111' (-1164')	4172' (-1151')	4188' (-1155')
Stark Shale	4196' (-1249')	4256' (-1235')	4275' (-1242')
BKC	4269' (-1322')	4327' (-1306')	4347' (-1314')
Cherokee Shale	4478' (-1531')	4534' (-1513')	4562' (-1529')
Johnson	4521' (-1574')	4578' (-1557')	4608' (-1575')
Mississippian	4579' (-1632')	4628' (-1607')	4662' (-1629')
Base Anhy-Heeb.	1467'	1456'	1482'
Heebner – Miss.	662'	650'	670'

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INVOICE

24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906

Invoice Number: 118982
 Invoice Date: May 30, 2009
 Page: 1

Voice: (785) 483-3887
 Fax: (785) 483-5566

Bill To:
 Shakespeare Oil Co., Inc.
 202 West Main St.
 Salem, IL 62881

well file
 Federal
 INT.

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Smith #1-27	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	May 30, 2009	6/29/09

Quantity	Item	Description	Unit Price	Amount
170.00	MAT	Class A Common	15.45	2,626.50
3.00	MAT	Gel	20.80	62.40
6.00	MAT	Chloride	58.20	349.20
179.00	SER	Handling	2.40	429.60
1.00	SER	Minimum Handling Mileage Charge	312.00	312.00
1.00	SER	Surface	1,018.00	1,018.00
15.00	SER	Mileage Pump Truck	7.00	105.00

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 JUN 08 2009

RECEIVED
 JUL 06 2009
 KCC WICHITA

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF

20% DISC - OK DRW

\$ 980.54

ONLY IF PAID ON OR BEFORE

Jun 29, 2009

Subtotal	4,902.70
Sales Tax	191.40
Total Invoice Amount	5,094.10
Payment/Credit Applied	
TOTAL	5,094.10

ALLIED CEMENTING CO., LLC. 043628

Federal Tax

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley

DATE <u>5-30-09</u>	SEC. <u>27</u>	TWP. <u>13</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>6:30pm</u>	JOB START <u>7:30pm</u>	JOB FINISH <u>8:00pm</u>
LEASE <u>Smith</u>	WELL # <u>1-27</u>	LOCATION <u>Oakley 153 1/8 W</u>		COUNTY <u>Logan</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)		<u>3/4 S</u>					

CONTRACTOR H + D Drilling Rig 2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 227'

CASING SIZE 8 5/8 DEPTH 227'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13.5

OWNER Same

CEMENT

AMOUNT ORDERED 170 SKS COM

3% CC 2% GEL

COMMON 170 SKS @ 15.45 2626.50

POZMIX @

GEL 3 SKS @ 20.80 62.40

CHLORIDE 6 SKS @ 58.20 349.20

ASC @

EQUIPMENT

PUMP TRUCK CEMENTER Andrew

423-281 HELPER Larene

BULK TRUCK

347 DRIVER Lonnie

BULK TRUCK

DRIVER

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KCC WICHITA

HANDLING 179 SKS @ 2.40 429.60

MILEAGE 109 SK/mile 312.00

minimum

TOTAL 3779.70

REMARKS:

Cement did circulate

thank you

CHARGE TO: Shakespeare

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB 227'

PUMP TRUCK CHARGE 148.00

EXTRA FOOTAGE @

MILEAGE 15 miles @ 7.00 105.00

MANIFOLD @

TOTAL 1123.00

PLUG & FLOAT EQUIPMENT

@

@

@

@



24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906
 Voice: (785) 483-3887
 Fax: (785) 483-5566

INVOICE

Invoice Number: 119078
 Invoice Date: Jun 9, 2009
 Page: 1

Bill To:
Shakespeare Oil Co., Inc. 202 West Main St. Salem, IL 62881

Federal

well file

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Smith #1-27	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Jun 9, 2009	7/9/09

Quantity	Item	Description	Unit Price	Amount
123.00	MAT	Class A Common	15.45	1,900.35
82.00	MAT	Pozmix	8.00	656.00
7.00	MAT	Gel	20.80	145.60
51.00	MAT	Flo Seal	2.50	127.50
214.00	SER	Handling	2.40	513.60
15.00	SER	Mileage 214 sx @ .10 per sk per mi	21.40	321.00
1.00	SER	Plug to Abandon	1,185.00	1,185.00
15.00	SER	Mileage Pump Truck	7.00	105.00
1.00	EQP	Dry Hole Plug	40.00	40.00

INT

RECEIVED
 JUL 06 2009
 KCC WICHITA

RECEIVED
 JUN 15 2009

ALL PRICES ARE NET, PAYABLE
 30 DAYS FOLLOWING DATE OF
 INVOICE. 1 1/2% CHARGED
 THEREAFTER. IF ACCOUNT IS
 CURRENT, TAKE DISCOUNT OF

\$ 998.81

ONLY IF PAID ON OR BEFORE

Jul 9, 2009

Subtotal	4,994.05
Sales Tax	314.63
Total Invoice Amount	5,308.68
Payment/Credit Applied	
TOTAL	5,308.68

OK DRW

ALLIED CEMENTING CO., LLC. 044245

Federal

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

OAKLEY

DATE <u>6-9-09</u>	SEC <u>27</u>	TWP. <u>13S</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION <u>4:00 AM</u>	JOB START <u>7:30 AM</u>	JOB FINISH <u>8:30 AM</u>
LEASE <u>SMITH</u>	WELL # <u>1-27</u>	LOCATION <u>OAKLEY 15S-18W-1S</u>			COUNTY <u>LOGAN</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR H D DRILLING

TYPE OF JOB PTA

HOLE SIZE 7 7/8" T.D. 4670'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" DEPTH 2440'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER SAME

CEMENT AMOUNT ORDERED
205 SKS 60/40 POZ 48 GEL 1/4" Flo-SEAL

COMMON	<u>123 SKS</u>	@	<u>15.45</u>	<u>1900.35</u>
POZMIX	<u>82 SKS</u>	@	<u>8.00</u>	<u>656.00</u>
GEL	<u>7 SKS</u>	@	<u>20.80</u>	<u>145.60</u>
CHLORIDE	_____	@	_____	_____
ASC	_____	@	_____	_____

Flo-SEAL 51" @ 2.50 127.50

EQUIPMENT

PUMP TRUCK # 423-281 CEMENTER TERRY HELPER LARENCE

BULK TRUCK # 347 DRIVER WAH

BULK TRUCK # _____ DRIVER _____

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KCC WICHITA

HANDLING	<u>214 SKS</u>	@	<u>2.40</u>	<u>513.60</u>
MILEAGE	<u>104 PER SK / MILE</u>			<u>321.60</u>
TOTAL				<u>3664.55</u>

REMARKS:

25 SKS AT 2440'
100 SKS AT 1400'
40 SKS AT 270'
10 SKS AT 40'
30 SKS RAT HOLE

THANK YOU

CHARGE TO: SHAKESPEARE OIL CO, INC

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>2440'</u>			
PUMP TRUCK CHARGE				<u>1185.00</u>
EXTRA FOOTAGE	_____	@	_____	_____
MILEAGE	<u>15 MI.</u>	@	<u>7.00</u>	<u>105.00</u>
MANIFOLD	_____	@	_____	_____
TOTAL				<u>1290.00</u>

PLUG & FLOAT EQUIPMENT

<u>1-DRY Hole Plug</u>				<u>40.00</u>
_____	@	_____	_____	_____
_____	@	_____	_____	_____
_____	@	_____	_____	_____
_____	@	_____	_____	_____
TOTAL				<u>40.00</u>

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Doug Roberts

SIGNATURE Doug Roberts