

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 # 34008
Name: Owens Petroleum LLC
Address 1: 1274 202ND RD
Address 2: _____
City: YATES CENTER State: KS Zip: 66783 + 5411
Contact Person: Scott Owens
Phone: (620) 496-7048
CONTRACTOR: License # 33986
Name: Owens Petroleum Services, LLC
Wellsite Geologist: none
Purchaser: Coffeyville Resources

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>12/06/2010</u>	<u>12/08/2010</u>	<u>12/27/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-207-27744-00-00

Spot Description: _____
NW SW NE SW Sec. 33 Twp. 23 S. R. 16 ☒ East ☐ West
1,805 Feet from ☐ North / ☒ South Line of Section
1,485 Feet from ☐ East / ☒ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☒ SW

County: Woodson

Lease Name: Tannahill Well #: 22

Field Name: Vernon

Producing Formation: Squirrel

Elevation: Ground: 1059 Kelly Bushing: 0

Total Depth: 1116 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 40 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 1116
feet depth to: 0 w/ 147 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 300 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Owens Petroleum, LLC

Lease Name: Roberts License #: 34008

Quarter SE Sec. 4 Twp. 24 S. R. 16 ☒ East ☐ West

County: Woodson Permit #: D20591

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: Deanna Garrison Date: 01/07/2011



1048757

Operator Name: Owens Petroleum LLC Lease Name: Tannahill Well #: 22
 Sec. 33 Twp. 23 S. R. 16 ☒ East ☐ West County: Woodson

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" 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:	<div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample </div> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Squirrel</td> <td>1005.5</td> <td>-53.5</td> </tr> <tr> <td>Squirrel</td> <td>1050.0</td> <td>-9.0</td> </tr> </tbody> </table>	Name	Top	Datum	Squirrel	1005.5	-53.5	Squirrel	1050.0	-9.0
Name	Top	Datum								
Squirrel	1005.5	-53.5								
Squirrel	1050.0	-9.0								

CASING RECORD <input type="checkbox"/> New <input checked="" 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	17	40	Monarch	20	
Production	5.625	2.875	6.7	1102	Pozmix	147	

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 (Amount and Kind of Material Used)	Depth
3	1005.5 - 1011.5 and 1050.0 - 1058.0	spotted 2 bbl of 15% acid on zone; frac w/ 120 sacks of sand	

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 <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Invoice #	Page
19179	001
Invoice Date	
12/6/2010	

True Enterprise
1326 North Main Street
LeRoy, KS 66857

(620)964-2514

SOLD TO: Scott Owens
Scott Owens
1274 202nd Road
Yates Center, KS 66857

620-625-3607

Please Remit To: True Enterprise, 1326 North Main, LeRoy, KS 66857

Terms	P.O.#	Order #	Type	Sld. By	Cust.#	Sim.
10th Next Month	Tannahill #22	19179	House	DWT	O36070	Store
Quantity	UM	Item #	Description	Price	Extended Price	
20.000	EA	CL203	PORTLAND CEMENT	10.00	200.00	
Comment:				Taxable:	200.00	
				Tax:	14.60	
				Non-Tax:	0.00	
				Total:	214.60	

✓
FED ID #
Shop # (620) 437-2661
Cellular # (620) 437-7582
Office # (316) 685-5908
Office Fax # (316) 685-5926

MC ID# 165290

Shop Address: 3613A Y Road
Madison, KS 66860

Customer:
OWENS PETROLEUM
1274 202ND ROAD
YATES CENTER, KS 66783

Hurricane Services, Inc.
Cementing & Circulating Division
P.O.Box 782228
Wichita, KS 67278-2228

Invoice Date: 12/20/2010
Invoice #: 0016990
Lease Name: TANNAHILL

Well #: 22

County: WOODSON

Date/Description	HRS/QTY	Rate	Total
12/15/10 Drove to location and cemented the longsting per attached Service ticket #4240. - Pump charge	1.00	750.00	750.00
70/30 Pozmix Cement	147.00	10.90	1,602.30 T
Gel 2%	260.00	0.25	65.00 T
KOL-Seal	200.00	0.45	90.00 T
Flocele	25.00	1.85	46.25 T
Gel Flush Ahead	150.00	0.25	37.50 T
Water truck #104	2.50	80.00	200.00
Mileage on truck #290	35.00	1.50	52.50
Bulk truck mileage - One way	6.76	38.50	260.26
Pump truck mileage - One way	35.00	3.00	105.00
2 7/8" Top Rubber Plug	2.00	17.00	34.00 T

Net Invoice 3,242.81
Sales Tax: (7.30%) 136.88
Total 3,379.69

All invoices are due upon receipt. Interest at the rate of 1 1/2% per month may be charged on all invoices not paid within 30 days from date of invoice.

WE APPRECIATE YOUR BUSINESS!

FED ID#
MC ID # 165290
Shop # 620 437-2681
Cellular # 620 437-7582
Office # 316 685-5908
Office Fax # 316-685-5926
Shop Address: 3613A Y Road
Madison, KS 66860

Hurricane Services, Inc.
P.O. Box 782228
Wichita, KS 67278-2228

Cement, Acid or Tools
Service Ticket
4240

DATE 12-15-10

COUNTY Woodson CITY _____

CHARGE TO Owens Petroleum

ADDRESS _____ CITY _____ ST _____ ZIP _____

LEASE & WELL NO. Tanwahill #22 CONTRACTOR Scott Owens

KIND OF JOB LongString SEC. 33 TWP. 23 RNG. 16

DIR. TO LOC. 190th & Quad Rd OLD ☒ NEW

Quantity	MATERIAL USED	Serv. Charge	
147 SKs	70/30 Pozmix cement	750.00	
260 lbs	Gel 2%	1,602.30	
200 lbs	KOI-SEAL	65.00	
25 lbs	Flocide	90.00	
2 1/2	Hrs. Water Truck #104	46.25	
150 lbs	Gel > Flush Ahead	200.00	
	E Mileage on Trk #290	37.50	
6.76 Trk	BULK TRK. MILES	52.50	
35	PUMP TRK. MILES	260.26	
		105.00	
2	PLUGS 2 7/8" Top Rubber	34.00	
		7.3% SALES TAX	
		136.87	
		TOTAL	3379.68

T.D. 1116'

SIZE HOLE 5 5/8"

MAX. PRESS. _____

PLUG DEPTH _____

PLUG USED _____

CSG. SET AT _____ VOLUME _____

TBG SET AT 1103' VOLUME 6.38 Bbls

SIZE PIPE 2 7/8"

PKER DEPTH _____

TIME FINISHED _____

REMARKS: Rig up to 2 7/8" Tubing, Break circulation with fresh water, 7 Bbl. Gel Flush, Circulate Gel around with fresh water to condition Hole. Mixed 147 SKs. 70/30 Pozmix cement along w/ chemicals. Shut down - wash out Pump lines - Release 2 Top Rubber Plugs - Displace Plugs with 6 1/2 Bbls water. Final Pumping at 500 PSI - Bumped Plug to 1000 PSI - close Tubing in w/ 1000 PSI Good cement Returns To Surface with 4 Bbl. slurry

EQUIPMENT USED

NAME Kelly Kimberlin UNIT NO. #201
Rand R. H.

NAME Roger, Mark #202 - Danny #104 UNIT NO. _____