

ORIGINAL

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SEP 27 2010

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

OPERATOR: License # 34382
Name: Plymouth Exploration, LLC
Address 1: 110 West 7th Street, Suite 2600
Address 2:
City: Tulsa State: OK Zip: 74119
Contact Person: David Spitz
Phone: (918) 599-1829
CONTRACTOR: License # 33784
Name: Trinidad Drilling Limited Partnership
Wellsite Geologist: Joel Blake
Purchaser: Pacer Energy Marketing

Designate Type of Completion:
[checked] New Well [] Re-Entry [] Workover
[checked] Oil [] WSW [] SWD [] SLOW
[] 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 #:
June 4, 2010 June 12, 2010 August 19, 2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 069-20325 - 00 - 00
Spot Description:
NW NW NW Sec. 32 Twp. 27 S. R. 30 [] East [checked] West
330 Feet from [checked] North / [] South Line of Section
330 Feet from [] East / [checked] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[] NE [checked] NW [] SE [] SW
County: Gray
Lease Name: Nichols Well #: 2-32
Field Name: NA
Producing Formation: Morrow/Chester/St. Louis "B"
Elevation: Ground: 2836' Kelly Bushing: 6'
Total Depth: 5389' Plug Back Total Depth: 5320'
Amount of Surface Pipe Set and Cemented at: 1690 Feet
Multiple Stage Cementing Collar Used? [] Yes [checked] No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 1200 ppm Fluid volume: 10000 bbls
Dewatering method used: Evaporation
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: [Signature]
Title: Drilling Manager Date: 9/22/10

KCC Office Use ONLY

[checked] Letter of Confidentiality Received
Date:
[] Confidential Release Date:
[checked] Wireline Log Received
[] Geologist Report Received
[] UIC Distribution
ALT [checked] I [] II [] III Approved by: [Signature] Date: 9/28/10

Operator Name: Plymouth Exploration, LLC Lease Name: Nichols Well #: 2-32
 Sec. 32 Twp. 27 S. R. 30 East West County: Gray

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 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: Array Induction, Density, Neutron, Resistivity, CBL	<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>Base Heebnet</td> <td>4134'</td> <td>K.B. 2842.5</td> </tr> <tr> <td>Lansing</td> <td>4148'</td> <td></td> </tr> <tr> <td>Kansas City</td> <td>4338'</td> <td></td> </tr> <tr> <td>Cherokee</td> <td>4797'</td> <td></td> </tr> <tr> <td>Morrow</td> <td>5034'</td> <td></td> </tr> <tr> <td>Chester</td> <td>5120'</td> <td></td> </tr> <tr> <td>St. Louis B-1</td> <td>5252'</td> <td></td> </tr> </table>	Name	Top	Datum	Base Heebnet	4134'	K.B. 2842.5	Lansing	4148'		Kansas City	4338'		Cherokee	4797'		Morrow	5034'		Chester	5120'		St. Louis B-1	5252'	
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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	12-1/4"	8-5/8"	24	1690	Class "A"	580	2% CaCl2, 6% gel, 35% Fly Ash
Production	7-7/8"	5-1/2"	15.5	5389	Class "A"	215	2% 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
4SPF	5338-5342 St. Louis "C" CIBP set at 5320 on 6/21/10	500 Gal 15% HCL	
4SPF	5253'-57, 5270'-74' St. Louis "B"	3000 Gal 15% HCL, 120 BBL of 50% N2 Gelled Acid	
4SPF	5129'-5132' Chester	1000 Gal 15% HCL, 25,000 lbs 20/40, 70% N2 20# Gel	
4SPF	5074'-79', 5052'-56', 5044-46' Morrow	1000 Gal 15% HCL, 30,000# 70% N2 20# Gel	

TUBING RECORD: Size: <u>2-3/8'</u> Set At: <u>5165'</u> Packer At: <u>N/A</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. August 25, 2010	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	<table style="width:100%; border-collapse: collapse;"> <tr> <td>Oil Bbbs.</td> <td>Gas Mcf</td> <td>Water Bbbs.</td> <td>Gas-Oil Ratio</td> <td>Gravity</td> </tr> <tr> <td>8.5</td> <td>0</td> <td>20</td> <td> </td> <td> </td> </tr> </table>	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity	8.5	0	20		
Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity							
8.5	0	20									

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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>5338-5342, 5253'-57, 5270'-74', 5129'-5132', 5074'-79', 5052'-56', 5044-46</u>
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Customer <i>Hydrotech Energy</i>	Lease No.	Date	
Lease <i>11-111</i>	Well # <i>2-22</i>	<i>6-1-11</i>	
Field Order # <i>1212-87</i>	Station <i>Liberal</i>	Casing <i>2 1/2"</i>	Depth <i>257</i>
Type Job <i>2 4" 50' L...</i>		Formation	Legal Description
		County <i>5</i>	State <i>K</i>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

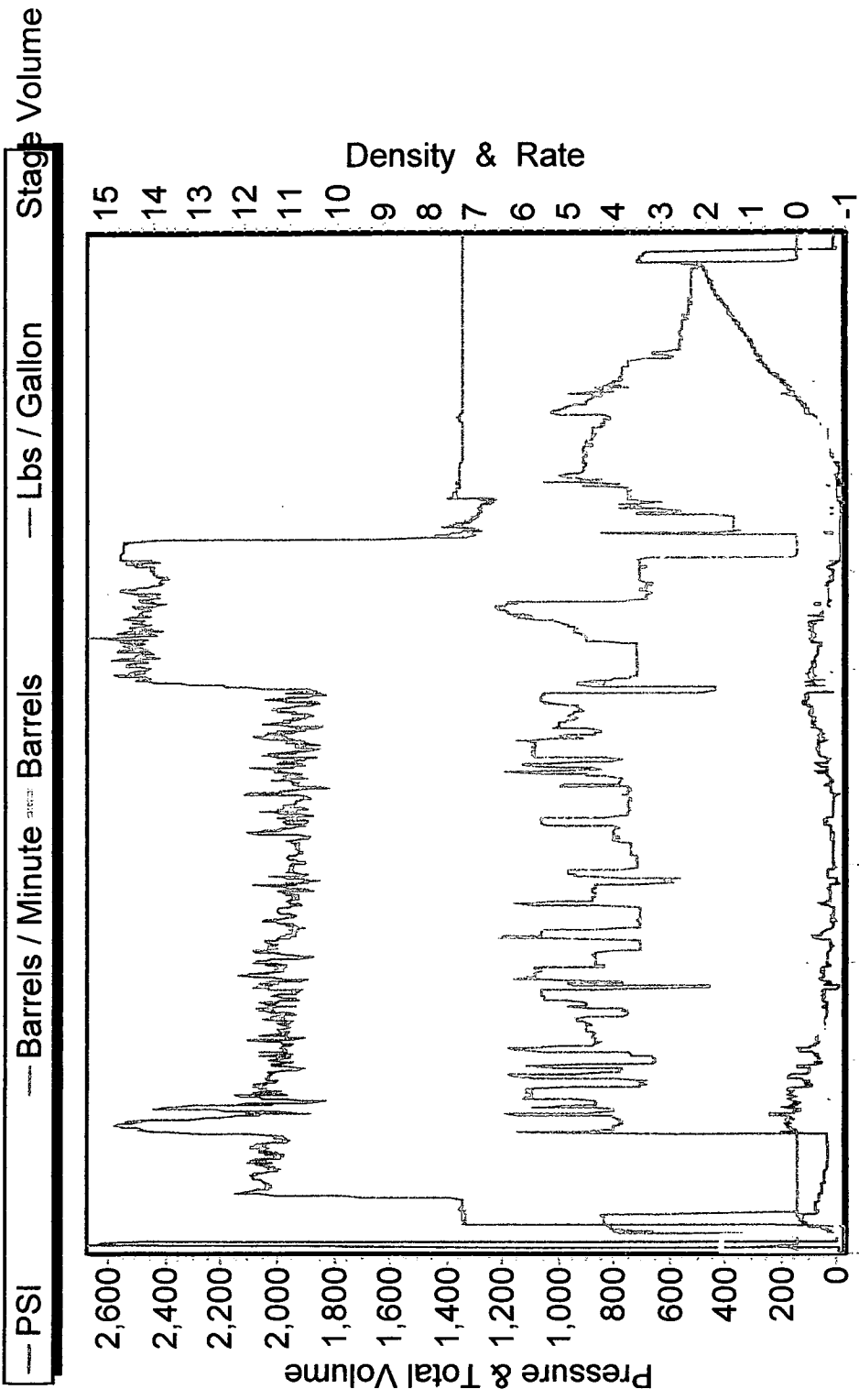
Customer Representative *D...* Station Manager *Terry B...* Treater *J...*

Service Units	<i>11</i>	<i>11</i>	<i>11</i>	<i>11</i>	<i>11</i>	<i>11</i>	<i>11</i>	<i>11</i>	<i>11</i>
Driver Names	<i>L.L.</i>	<i>V.V.</i>	<i>J.A.</i>	<i>J.A.</i>	<i>J.A.</i>	<i>J.A.</i>	<i>J.A.</i>	<i>J.A.</i>	<i>J.A.</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>21:00</i>					<i>2 1/2" L...</i>
<i>21:05</i>					<i>...</i>
<i>21:10</i>					<i>...</i>
<i>0:16</i>					<i>T + L... + 25' P. I</i>
<i>0:17</i>	<i>300</i>	<i>—</i>	<i>5</i>	<i>3</i>	<i>Pump H.P. P.</i>
<i>0:21</i>	<i>400</i>	<i>—</i>	<i>12</i>	<i>5</i>	<i>Pump H.P. P.</i>
<i>0:24</i>	<i>300</i>	<i>—</i>	<i>5</i>	<i>5</i>	<i>Pump H.P. P.</i>
<i>0:25</i>	<i>400</i>	<i>—</i>	<i>51</i>	<i>5</i>	<i>Pump 215 k HAT, 14' #</i>
<i>0:45</i>					<i>Drop Plug</i>
<i>0:51</i>	<i>200</i>	<i>—</i>		<i>6</i>	<i>start D...</i>
<i>1:15</i>	<i>200</i>	<i>—</i>	<i>117</i>	<i>2</i>	<i>Reduce Rate L... 17 DBL</i>
<i>1:20</i>	<i>1500</i>	<i>—</i>	<i>127</i>		<i>Land Plug</i>
<i>1:21</i>					<i>Release Press, Fluid Hold</i>
<i>1:22</i>					<i>Rig down</i>
<i>1:45</i>					<i>leave...</i>

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Plymouth Nichols 2-32 Surface 6-6-10



6/6/2010 9:32:36 AM 6/6/2010 10:18:52 AM 6/6/2010 11:05:17 AM

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