

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

Operator: License # 33184
Name: Patina Oil & Gas Corporation
Address: 1625 Broadway, Suite 2000
City/State/Zip: Denver, CO 80202
Purchaser: Duke (gas)
Operator Contact Person: James Annable **RECEIVED**
Phone: (303) 389-3610
Contractor: Name: Cheyenne Drilling **AUG 04 2004**
License: 33375 **KCC WICHITA**
Wellsite Geologist: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd. **KCC**
 Gas ENHR SIGW **AUG 02 2004**
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows: **CONFIDENTIAL**
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>4/29/04</u>	<u>5/9/04</u>	<u>6/13/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 175-21932-0000
County: Seward
S2. N2. SW Sec. 9 Twp. 34 S. R. 31 East West
1700 feet from S / N (circle one) Line of Section
1360 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Hays Well #: 2-9
Field Name: Arkalon
Producing Formation: U. & L. Morrow, U. Chester
Elevation: Ground: 2497' Kelly Bushing: 2508'
Total Depth: 6130' Plug Back Total Depth: 6080'
Amount of Surface Pipe Set and Cemented at 1530 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) **ALT IWHM 5-4-07**
Chloride content _____ ppm Fluid volume 120 bbls
Dewatering method used Hauled
Location of fluid disposal if hauled offsite: _____
Operator Name: Nichols Fluid
Lease Name: Johnson License No.: 31983
Quarter _____ Sec. 16 Twp. 34 S. R. 32 East West
County: Seward Docket No.: D 27805

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: [Signature]
Title: Regulatory Engineer Date: 8/2/2004
Subscribed and sworn to before me this 2nd day of August
2004
Notary Public: Stephane M. Gonzalez
Date Commission Expires: 9/20/2007

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Patina Oil & Gas Corporation Lease Name: Hays Well #: 2-9
 Sec. 9 Twp. 34 S. R. 31 East West County: Seward

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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)
 List All E. Logs Run:
 SP, GR, Induction, Micro, CNL, Litho-Density

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Lansing 4290'
 U. Morrow 5570'
 L. Morrow 5658'
 U. Chester 5714'
 L. Chester 5865'

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 AUG 04 2004
 KCC WICHITA

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	1530'	HLC/Prem.	580/150	3%CC/2%CC
Production	7-7/8"	5-1/2"	17	6130'	Class H	235	2% CC

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
4	L. Chester 5870-72', 5904-06', 5922-24', 5944-46'	161880 gal Slickwater, 1500 gal 15%,	5870'-
	Frac Plug @ 5800'	51100# 20/40 Brown Sand	5946'
3	U. Chester 5719-22', 5742-45', L. Morrow 5676-79'	4524 bbls Slickwater	5598'-
3	U. Morrow 5598-5601'		5745'

KCC
 AUG 02 2004

TUBING RECORD		Size	Set At	Packer At	Liner Run			
		2-3/8"	5596'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or Enhr. 6/7/2004				Producing Method <input checked="" 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			
0	1988	0						

CONFIDENTIAL

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
 Production Interval 5598'-5745' (gross)