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APR 04 2003 KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-  
September 1999  
Form Must Be Typed

KCC WICHITA WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33184  
 Name: PATINA OIL & GAS CORPORATION  
 Address: RT 3 BOX 203  
 City/State/Zip: DUNCAN, OK 73533-9523  
 Purchaser: DUKE ENERGY  
 Operator Contact Person: JOYCE WILLIAMS  
 Phone: (580) 444-3408  
 Contractor: Name: CHEYENNE DRILLING, INC  
 License: 5382  
 Wellsite Geologist: NONE  
 Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 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./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_  
 09/05/2002      09/17/2002      11/12/2002  
 Spud Date or      Date Reached TD      Completion Date or  
 Recompletion Date                Recompletion Date

API No. 15 - 175-21880-00-00  
 County: SEWARD  
SE NE Sec. 16 Twp. 34 S. R. 31  East  West  
1980' feet from S / N (circle one) Line of Section  
660' feet from E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: GOOD Well #: 2-16  
 Field Name: ARKALON  
 Producing Formation: CHESTER/LOWER MORROW  
 Elevation: Ground: 2490' Kelly Bushing: 2504'  
 Total Depth: 6000' Plug Back Total Depth: 5975'  
 Amount of Surface Pipe Set and Cemented at 1454' 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/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
 Chloride content 2100 ppm Fluid volume 7105 bbls  
 Dewatering method used EVAPORATION  
 Location of fluid disposal if hauled offsite:  
 Operator Name: NICHOLS FLUID SERVICE  
 Lease Name: MORLEN #1-16 License No.: 31983  
 Quarter \_\_\_\_\_ Sec. 16 Twp. \_\_\_\_\_ S. R. 32 East West  
 County: SEWARD Docket No.: D-25-529

**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: Joyce Williams  
 Title: Engineering Tech Date: 04/02/03  
 Subscribed and sworn to before me this 2 day of April  
 19 2003  
 Notary Public: [Signature]

Date Commission Expires: PAT # 15-2006  
 Stephens County  
 Notary Public in and for  
 State of Oklahoma  
 Commission # 02015360 Expires 10/15/06

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

66686

Side Two

Operator Name: PATINA OIL & GAS CORPORATION Lease Name: GOOD Well #: 2-16  
 Sec. 16 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:

**DUAL INDUCTION RESISTIVITY LOG**  
**COMPENSATED NEWTRON PEL DENSITY MICRO LOG**

Log Name	Formation (Top), Depth and Datum	Sample Datum
UPPER MORROW	5570'	5650'
LOWER MORROW	5650'	5672'
CHESTER	5672'	5734'

CASING RECORD							
				New	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	1454'	CLASS C	870	6% Bentonite 2% CaCl
PRODUCTION	7 7/8"	5 1/2"	15.5	5986'	PREMIUM	265	9% Versaset 5% KCL, 5% Halad-32 1/4# Flocele

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	5728'-34', 5705'-09'	345 BBL 3% HCL ACID W/	5650'
2	5698'-5701', 5689'-92'	50% CO2 FOAM,	TO
2	5680'-83', 5672'-76'	21,500# 20/40 POLYMER SAND	5734'
2	5667'-69'		
2	5650'-55'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	5752'		Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.		Producing Method			
		Flowing	Pumping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	378	0		

Disposition of Gas:  Vented  Sold  Used on Lease

Production Interval:  Open Hole  Perf.  Dually Comp.  Commingled

(If vented, Sumit ACO-18.)  Other (Specify) \_\_\_\_\_