

COPY

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

1746

API NO. 15- 175-20,772

County Seward

C NW NW Sec. 6 Twp. 32 Rge. 32 X^E W

660 Feet from S (circle one) Line of Section

660 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Cotton Well # 1C-84

Field Name Shamrock

Producing Formation Lansing/Kansas City (NEW)

Elevation: Ground 2857 KB 2867

Total Depth 6040 PBD 4900 (NEW)

Amount of Surface Pipe Set and Cemented at 1636 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

No Pit- No Fluid

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

Operator: License # 8996

Name: Mid Continent Resources

Address P.O. Box 399

City/State/Zip Garden City, KS 67846

Purchaser: Permian

Operator Contact Person: Michael J. Wreath

Phone (316) 275-2963

Contractor: Name: Plains. Inc.

License: 4072

Wellsite Geologist: Don Rider

Designate Type of Completion

New Well Re-Entry X Workover

X Oil SWD S10W Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: Mid Continent Resources

Well Name: Cotton 1C-84

Comp. Date 1984 Old Total Depth 6040

Deepening X Re-perf. Conv. to Inj/SWD

X Plug Back PBD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

OLD 7-31-84 8-12-84 9-5-84

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Michael J. Wreath Michael J. Wreath

Title Company Geologist Date Sept. 27, 1991

Subscribed and sworn to before me this 25th day of September, 1991.

Notary Public Patricia S. Merz

Date Commission Expires Feb. 14, 1993

PATRICIA S. MERZ
NOTARY PUBLIC

STATE OF KANSAS
Appt. Exp. 2-14-93

K.C.C. OFFICE USE ONLY		
F	Letter of Confidentiality Attached	
C	Wireline Log Received	
C	Geologist Report Received	
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input checked="" type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input checked="" type="checkbox"/> NGPA
		(Specify)

SEP 27 1991

Operator Name Mid Continent Resources Lease Name Cotton Well # 1C

Sec. 6 Twp. 32 Rge. 32 East West County Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static L, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	ORIGINAL Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chase Group	2620	+247
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Council Grove	2940	-73
List All E.Logs Run:	No new logs No new geologists report	Heebner	4166	-1299
		Lansing	4312	-1445
		Marmaton	4916	-2049
		Morrow Shale	5460	-2593
		Chester	5572	-2705
		St. Genevieve	5736	-2869
		St. Louis	5820	-2953
		TD	6040	-3173

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String Previous	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	1636	60-40 POZ	450	
					Class A	225	3% CC
Production	7 7/8"	5-1/2"	15	6038	Class H	330	5% KCI

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			None	

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
New	ClBP @ 4900	NEW	
4	4811-4816	100 gal. Oxyline, 750 gal. 15% MCA, 1500 gal. 15% FE	
4	4600-4604	500 gal. 15% MCA, 1500 gal. 15% FE	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8"	4720'	None	

Date of First, Resumed Production, SWD or Inj. Resumed Prod. July 26, 1991

Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	10	10		1000:1	41

Disposition of Gas: Vented Sold Used on Lease

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval: 4811-4816
4600-4604