

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

API NO. 15- 025-20-4520001 **17-3-21**

Operator: License # 6785
Name: Schulein Company
Address 1776 Lincoln St.
Suite 811
City/State/Zip Denver, CO 80203

County Clark
SW NE Sec. 17 Twp. 32S Rge. 21 **E**
W

Purchaser: Enron
Operator Contact Person: Carl Durr
Phone (316)478-2890
Contractor: Name: Pratt Well Service
License: _____
Geologist: N/A

1980' Feet from S (circle one) Line of Section
1980' Feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, N or SW (circle one)
Lease Name Harden Well # 7-17
Field Name Morrison
Producing Formation Morrow
Elevation: Ground 2148' KB 2158'
Total Depth 6582' PSTD 6512
Amount of Surface Pipe Set and Cemented at 765' 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 cmt.

Designate Type of Completion
 New Well Re-Entry Workover

Drilling Fluid Management Plan REWORK JPL 10-12-95
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite:
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STATE CORPORATION COMMISSION
SEP 18 1995
Operator Name _____
Lease Name Wichita, Kansas
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W
County _____ Docket No. _____

Oil SWD S1OW Temp. Abd.
 Gas ENHR S1GW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Operator: Schulein Company
Well Name: Harden 7-17
Comp. Date 6/5/81 Old Total Depth 6582'
Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 6100' PSTD
Commingled Docket No. _____
Dual Completion Docket No. _____
Other (SWD or Inj?) Docket No. _____
6/1/95 6/14/95
Date of START Date Reached TD Completion Date OF
WORKOVER WORKOVER

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 complied with and the statements herein are complete and correct to the best of my knowledge.

Signed by Keith D. Engler
Title Petroleum Engineer Date 9/8/95
Subscribed and sworn to before me this 8th day of September
19 95.
Notary Public Ann C. Langston
Date Commission Expires May 15, 1999

RECEIVED
STATE CORPORATION COMMISSION
OCT 12 1995

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Requested
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify) B

Operator Name Schulein Company

Lease Name Harden

Well # 7-17

Sec. 17 Twp. 32s Rge. 21w

East
 West

County Clark

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 level, 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 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: None

Log Formation (Top), Depth and Datum Sample
Name Top Datum

See original completion report

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
Conductor	26"	20"	94#/ft.	40'	Premix	to surface	2%GCL
Surface	12 1/4"	8-5/8"	23#/ft.	765"	Helcolite	500	2%GCL
Production	7-5/8"	4 1/2"	10.3#/ft.	6580	Pozmix	300	10% salt

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 spf.	5338" - 5344'		
	CIBP set at 6100'		
2	6462'-6474'		

TUBING RECORD Size 2-3/8" Set At 5332' Packer At None Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 7/30/95 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 0 Bbls. Gas 875 Mcf Water 0 Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

Vented Sold Used on Lease

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Comminaled

Production Interval