

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

API NO. 15- 025-20,749 - 0000

County Clark County, Kansas

C - SE - NE - SW Sec. 22 Twp. 34S Rge. 21 X ^E _W

Operator: License # 5055

3300' Feet from SX (circle one) Line of Section

Name: C. H. Todd, Inc.

660' Feet from EX (circle one) Line of Section

Address 200 West Douglas, Suite 1050

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

City/State/Zip Wichita, Kansas 67202-3010

Lease Name Barby-Harper Well # 12-22

Enron

Field Name Snake Creek

Purchaser: Texaco Trading & Transportation

Producing Formation Morrow, Marmaton

Operator Contact Person: M. Bradford Rine

Elevation: Ground 1762' KB 1774'

Phone (316) 267-1333

Total Depth 5,397' PBDT 5429.5'

Contractor: Name: Clarke Corporation

Amount of Surface Pipe Set and Cemented at _____ Feet

License: 5105

Multiple Stage Cementing Collar Used? _____ Yes _____ No

Wellsite Geologist: Dave Pauly

If yes, show depth set _____ Feet

Designate Type of Completion

If Alternate II completion, cement circulated from _____

_____ New Well _____ Re-Entry X Workover

feet depth to _____ w/ _____ sx cmt.

X Oil _____ SWD _____ SIOW _____ Temp. Abd.

X Gas _____ ENHR _____ SIGW

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

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

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

Operator: Rine Drilling Company

Chloride content _____ ppm Fluid volume _____ bbls

Well Name: #12-22 Barby-Harper

Dewatering method used _____

Comp. Date 3-20-84 Old Total Depth 5560'

Location of fluid disposal if hauled offsite: _____

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

_____ Plug Back _____ PBDT

X Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

Operator Name _____

Lease Name _____ License No. _____

1/11/84 3/20/84 3/20/84

_____ Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

Spud Date Date Reached TD Completion Date

County _____ Docket No. _____

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.

C. H. TODD, INC.

Signature M. Bradford Rine
Title Production Manager Date 2/21/94

Subscribed and sworn to before me this 22nd day of February, 19 94.

Notary Public Mickey S. Wagoneer
Date Commission Expires July 30, 1994
My Appt. Exp. July 30, 1994

K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C _____ Wireline Log Received
C _____ Geologist Report Received
Distribution
_____ KCC _____ SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other
(Specify)

Operator Name C. H. TODD, INC. Lease Name Barby-Harper Well # 12-22
 Sec. 22 Twp. 34S Rge. 21 East County Clark
 West

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.

N/A

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:

Log Sample

N/A Formation (Top), Depth and Datums

Name	Top	Datum
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N/A

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

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

TUBING RECORD Size 2 3/8" Set At 5408.88 Packer At Liner Run Yes No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15	70	15		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

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

Production Interval Marmaton 5065'-5073'
Morrow 5401'-5403'

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

Operator: License # 5654
Name Rine Drilling Company
Address 300 W. Douglas, Suite 600
Wichita, KS 67202
City/State/Zip

Purchaser... Inland Crude Purchasing Corp...
200 Douglas Building
Wichita, KS 67202

Operator Contact Person E. J. Rine
Phone 316-267-1333

Contractor: License # 5654
Name Rine Drilling Company

Wellsite Geologist... Rework... none
Phone

Designate Type of Completion
New Well Re-Entry X Workover
Oil SWD Temp Abd
X Gas Inj Delayed Comp.
Dry Other (Core, Water Supply etc.)

IF OWO: old well info as follows:
Operator Rine Drilling Company
Well Name Barby-Harper 12-22
Comp. Date 3-20-84... Old Total Depth 5560'

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable

1-11-84 3-20-84 3-20-84
Spud Date Date Reached TD Completion Date
REWORK: 5-18-87 5-19-87
5560' 5465/93'
Total Depth PBTD
REWORK: 5397.16'

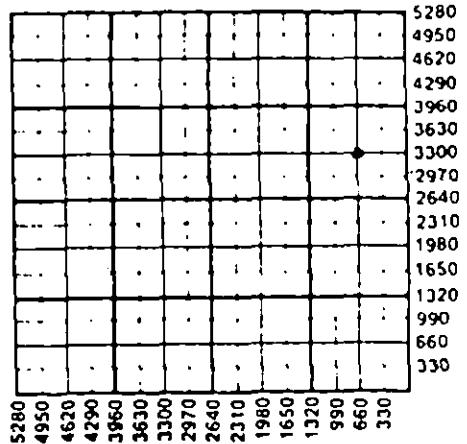
Amount of Surface Pipe Set and Cemented at...feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated
from...feet depth to...w/...SX cnt
Cement Company Name
Invoice #

API NO. 15-025-20,749-0000
County... Clark
G... SE... NE... Sec. 22. Twp. 34S Rge. 21. East West
3300 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name... Barby-Harper... Well # 12-22...
Field Name... Snake Creek...
Producing Formation... Morrow...

Elevation: Ground... 1762' KB... 1774'

Section Plat



NA

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit #

Groundwater... Ft North from Southeast Corner (Well) ... Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water... Ft North from Southeast Corner (Stream, pond etc)... Ft West from Southeast Corner Sec Twp Rge East West

Other (explain)... (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 E. J. Rine

Title E. J. Rine, President Date 6/22/87

Subscribed and sworn to before me this 22nd day of June...

Notary Public... Menna K. McKee

Date Commission Expires January 21, 1989

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Sec. 22, Twp. 34, Rge. 21

JUN 24 1987

Operator Name RINE DRILLING COMPANY Lease Name BARBY-HARPER Well # 12-22

Sec. 22 Twp. 34S Rge. 21 East West County Clark

WELL LOG

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.

NA
 Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

NA
 Formation Description
 Log Sample
 Name Top Bottom

NA CASING RECORD <input 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
.....
.....
PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
.....
.....
TUBING RECORD Size 2-3/8"		Set At 5396.16'	Packer at none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	1,000,000 MCF	none	Bbls NA	CFPB	NA	

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) SI waiting on connection Used on Lease Dually Completed Commingled

Production Interval
 old perms.
 5065-73' Marmaton
 5401-03' Morrow