

SIDE ONE

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 # 4077
Name Kenyon-Hardman Oil Company
Address P. O. Box 112
City/State/Zip Hill City, Kansas 67642

Operator Contact Person J. Blaine Hardman
Phone 913-674-2213

Contractor: License # 8241
Name Emphasis Oil Operations

Wellsite Geologist IRV. HARDMAN
Phone (913) 674-2213

PURCHASER

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

12-13-84 Spud Date
12-19-84 Date Reached TD
12-19-84 Completion Date
3600' RTD Total Depth
PBDT

Amount of Surface Pipe Set and Cemented at 254 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 cmt

API No. 15-065-22-122

County Graham
122' N of
NW SW NE Sec. 7 Twp. 8 Rge. 21 East West

3752 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

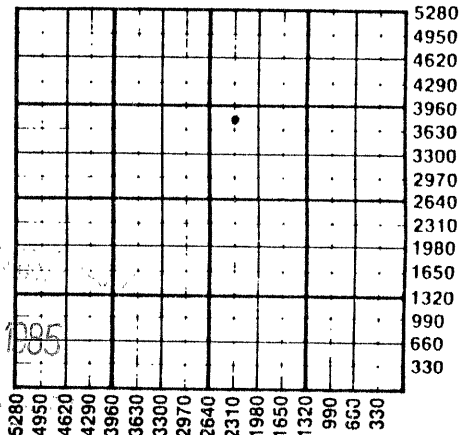
Lease Name Kenyon "A" Well # 1

Field Name

Producing Formation

Elevation: Ground 2041 KB 2046
Section Plat

329-85
MAR 20 1985



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # 26925

Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec 7 Twp 8 Rge 21 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.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

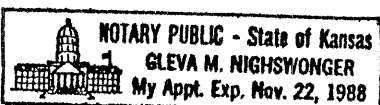
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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 J. Blaine Hardman
Title PARTNER Date 3-5-85

Subscribed and sworn to before me this 5th day of March 1985

Notary Public Gleva M. Nighswonger
Date Commission Expires November 22, 1988



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)

SIDE TWO

Operator Name Kenyon-Hardman Lease Name W. Kenyon "A" Well # 1 SEC. 7 TWP. 8S RGE. 21 East West
 Oil Company

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.

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

Formation Description
 Log Sample

Name	Top	Bottom
ANHYDRITE	1607	
B/ANHYDRITE	1639	
TOPEKA	3019	
HEEBNER	3225	
TORONTO	3244	
LANSING	3264	
B/KANSAS CITY	3464	
CONGLOMERATE	3550	
ARBuckle	NONE	
TOTAL DEPTH	3600	

COPIES OF GEOLOGIST LOG & 2 DRILL
 STEM TESTS ENCLOSED

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"		254'	Common	180	3% cc 2% gel

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	NONE	NONE	

TUBING RECORD

Size Set At Packer at Liner Run Yes No

Date of First Production Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION

Production Interval

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

15-065-22122-00-00

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Kenyon-Hardman Oil Company	Test No.	1
Well Name & Number	Kenyon A-1	Zone Tested	Kansas City "E&F"
Company Address	P.O. Box 112 Hill City, Ks.	Date	12/17/84
Company Rep.	J. Blain Hardman	Tester	BOB MONTGOMERY
Contractor	Emphasis Oil Operations	Elevation	2046 KB
Location: Sec. 7 Twp. 8s Rge. 21w Co. Graham State KS.		Est. Feet of Pay	

Recorder No. 13224 Type AK-1 Range 4150 PSI

Recorder Depth 3367 Clock # 30420

(A) Initial Hydrostatic Mud 1718 PSI

(B) First Initial Flow Pressure 69 PSI

(C) First Final Flow Pressure 182 PSI

(D) Initial Shut-in Pressure 1096 PSI

(E) Second Initial Flow Pressure 227 PSI

(F) Second Final Flow Pressure 316 PSI

(G) Final Shut-in Pressure 1010 PSI

(H) Final Hydrostatic Mud 1664 PSI

Temperature 103

Mud Weight 9.3 Viscosity 46

Fluid Loss 4.4

Interval Tested 3308-3375

Anchor Length 67

Top Packer Depth 3303

Bottom Packer Depth 3308

Total Depth 3375

Drill Pipe Size 4 1/2 Xh

Wt. Pipe I. D. Ft. Run

Recovery-Total Feet 510

Recovered 90 Feet Of Mud in pipe.

Recovered 240 Feet Of Muddy water.

Recovered 180 Feet Of Watery Mud.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment Down Hole Insurance.

Recorder No. 133804 Type AK-1 Range 4350 PSI

Recorder Depth 3370 Clock # 30891

Tool Open Before I.S.I. 30 Mins.

Initial Shut-in 45 Mins.

Flow Period 30 Mins.

Final Shut-in 45 Mins.

Top Choke Size 1" Hole Size 7 7/8"

Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 10:36 PM

Blow Remarks 1st open: Strong blow, off the bottom of the bucket in 5 minutes.

ISI: Bled blow off, shut valve, no blow.

2nd open: Strong blow, of the bottom of the bucket in 7 minutes, blow did not decrease.

Recovery Chlorides: 4,500 ppm.

Pitmud Chlorides: 4,000 ppm.

Price of Job \$675.00

15-065-22122-00-00

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Kenyon-Hardman Oil Company	Test No.	2
Well Name & Number	Kenyon A-1	Zone Tested	Kansas City "K"
Company Address	P.O. Box 112 Hill City, KS.	Date	12/18/84
Company Rep.	J. Blain Hardman	Tester	Bob Montgomery
Contractor	Emphasis Oil Operations	Elevation	2046 KB
Location: Sec. 7 Twp. 8s Rge. 21w Co. Graham State KS.		Est. Feet of Pay	

Recorder No. 13224 Type AK-1 Range 4150 PSI
 Recorder Depth 3472 Clock # 30420
 (A) Initial Hydrostatic Mud 1783 PSI
 (B) First Initial Flow Pressure 92 PSI
 (C) First Final Flow Pressure 92 PSI
 (D) Initial Shut-in Pressure 785 PSI
 (E) Second Initial Flow Pressure 92 PSI
 (F) Second Final Flow Pressure 92 PSI
 (G) Final Shut-in Pressure 623 PSI
 (H) Final Hydrostatic Mud 1718 PSI
 Temperature 104
 Mud Weight 9.5 Viscosity 39
 Fluid Loss 10.4
 Interval Tested 3408-3480
 Anchor Length 72
 Top Packer Depth 3403
 Bottom Packer Depth 3408
 Total Depth 3480
 Drill Pipe Size 4 1/2 XH
 Wt. Pipe I. D. Ft. Run
 Recovery-Total Feet 20
 Recovered 20 Feet Of Mud with some oil specks in the top of the tool.
 Recovered Feet Of
 Recovered Feet Of
 Recovered Feet Of
 Recovered Feet Of
 Recovered Feet Of

Recorder No. 13804 Type AK-1 Range 4350 PSI
 Recorder Depth 3475 Clock # 30891
 Tool Open Before I.S.I. 30 Mins.
 Initial Shut-in 45 Mins.
 Flow Period 30 Mins.
 Final Shut-in 45 Mins.
 Top Choke Size 1" Hole Size 7 7/8"
 Bottom Choke Size 3/4" Rubber Size 6 3/4"
 Tool Open @ 4:41 PM
 Blow Remarks 1st open: Weak blow, building to 3/4 inch in the bucket, blow died to 1/2 inch in the bucket.
 ISI: Bled off the blow, & it did not return.
 2nd open: Very weak blow, died in 2 minutes

Extra Equipment Down Hole Insurance. Price of Job \$675.00