

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

Operator: License # 5506

Name: Woolsey Petroleum Corporation

Address: 107 N. Market, Suite 600

City/State/Zip: Wichita, Kansas 67202-1807

Purchaser: KPL / Texaco Trading & Transportation Inc

Operator Contact Person: I. Wayne Woolsey

Phone: ( 316 ) 267-4379

Contractor: Name: Eagle Drilling, Inc.

License: 5380

Wellsite Geologist: Mikeal K. Maune

Designate Type of Completion

New Well  Re-Entry  Workover

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

If Workover:

Operator: n/a

Well Name: \_\_\_\_\_

Comp. Date: \_\_\_\_\_ Old Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conn. to Inj/SWD  
 Plug Back  PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

09/07/95 09/24/95 10/25/95  
Spud Date Date Reached TD Completion Date

API NO. 15- 007-224820000

**ORIGINAL**

County Barber

75' S of \_\_\_\_\_  
C - W2 - E2 - E2 Sec. 6 Twp. 34S Rge. 13W  E

2565' FSL Feet from S/N (circle one) Line of Section

990' FEL Feet from E/W (circle one) Line of Section

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

Lease Name Hendrix "C" Well # 3

Field Name \_\_\_\_\_

Producing Formation Mississippian

Elevation: Ground 1859' KB 1873'

Total Depth 5501' LTD PBDT 5426'

Amount of Surface Pipe Set and Cemented at 223' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from n/a

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT I 4-3-96  
(Data must be collected from the Reserve Pit) Lu

Chloride content 4,000 ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used Allow to dry; backfill within one year

Location of fluid disposal if hauled offsite: NO

Operator Name \_\_\_\_\_ **JAN 5**

Lease Name \_\_\_\_\_ **CONFIDENTIAL** No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

**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 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 Mark P. Stevenson

Title: Mark P. Stevenson, V.P. Operations Date: 01/04/96

Subscribed and sworn to before me this 4th day of January, 19 96.

Notary Public Debra K. Clingan

Date Commission Expires: March 4, 1998

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

**RECEIVED**  
KANSAS CORPORATION COMMISSION

**DEBRA K. CLINGAN**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 3-4-98

Form ACO-1 (7-91)

**JAN 05 1996**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Woolsey Petroleum Corporation Lease Name Hendrix "C" Well # 3

Sec. 6 Twp. 34S Rge. 13W  
 East  
 West

County Barber

**ORIGINAL**

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.)  
 See supplemental page  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Sidewall cores  
 Electric Log Run  Yes  No  
 (Submit Copy.)

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
Chase	2268	(-395)
Red Eagle	2874	(-1001)
Heebner	4120	(-2247)
Douglas	4192	(-2319)
Synderville	4129	(-2256)
Lansing	4307	(-2434)
Hertha	4788	(-2865)
Base Kansas	4789	(-2916)
Marmaton	4800	(-2927)
Mississippian	4860	(-2987)
Simpson	5307	(-3434)
Arbuckle	5462	(-3589)

List All E.Logs Run:  
 Dual Induction/Spherically Focused/Gamma Ray/SP  
 Natural Gamma Ray Spectrometry  
 Litho Density/Compensated Neutron/NGT  
 Cyberlook

CASING RECORD <input checked="" 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
Surface	12-1/4"	8-5/8"	24 #/ft	223'	60-40 poz	140 sx	3% cc, 2% gel
Production	7-7/8"	4-1/2"	10.5 #/ft	5495'	thixotropic class H	200 sx	6% gypseal, 5# coal seal & 1/2# per sx flow seal & 1% gel

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				

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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	4958 - 4952' & 4968 - 4958' (Mississippian)	300 gal 15% DSFe	same
2 SPF	4862 - 4894' (Mississippian)	100 gal DSFe	same
		130,000 gal x-link bora gel w/ 205,000# 12-20 Brady sand & 12,000# 100 mesh sand	Miss

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2.375"	4864'	5426'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First. Resumed Production, SWD or Inj.	Producing Method
01/02/96	<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 Bbls. 1 Gas Mcf 500 Water Bbls. 1 Gas-Oil Ratio 500.000 SCF/STB Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease (If vented, submit ACO-18.)  Open Hole  Perf.  Comp.  Commingled  Other (Specify)

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JAN 05 1996

CONSERVATION DIVISION WICHITA, KS

**WOOLSEY PETROLEUM CORPORATION**

107 North Market • Suite 600 • Wichita, Kansas 67202-1807  
Phone: (316) 267-4379 • FAX: (316) 267-4383

**ORIGINAL**

**HENDRIX C-3**

75' S of C W2 E2 E2 Sec. 6-34S-13W  
Survey: 2565' FSL & 990' FEL  
Barber County, Kansas

API# 15-007-224820000  
Elev: G.L. 1859'  
K.B. 1873'  
Spud: 09/07/95

**DST #1 2272'- 2330' (Chase) 30-60-30-90**

1st op: V wk blow thruout  
2nd op: Last 5" v wk surf blow  
Rec: 110' mud, NS

Field calcs:

IHP: 1099 FHP: 1041  
IFP: 70-81 FFP: 91-91  
ISIP: 816 FSIP: 811  
BHT: 97° F

Office calcs:

IHP: 1081 FHP: 1053  
IFP: 91-91 FFP: 94-94  
ISIP: 832 FSIP: 834

Chls 8000, mud sys 5000. Slid tool 22' to btm, no plugged action indicated.

**DST #2 3128'- 3178' (Indian Cave) 30-60-30-120**

1st op: Fair to strong blow off btm of bucket in 6.5"  
2nd op: Fair to strong blow off btm of bucket in 8"  
Rec: 85' MW (82% W, 18% M) & 755' SW (93% W, 7% M).

Field calcs:

IHP: 1488 FHP: 1463  
IFP: 86-238 FFP: 340-465  
ISIP: 1202 FSIP: 1211  
BHT: 104° F

Office calcs:

IHP: 1470 FHP: 1462  
IFP: 99-315 FFP: 355-455  
ISIP: 1180 FSIP: 1193

Chls 101,000; mud sys 5000.

**DST #3 3676'- 3720' (Deer Creek) 30-60-30-120**

1st op: Strong blow off btm of bucket in 3.5"  
2nd op: Strong blow off btm of bucket in 4.5"  
Rec: 80' MW (35% M, 65% W) & 1200 SW (3% M, 97% W)

Field calcs:

IHP: 1816 FHP: 1776  
IFP: 102-465 FFP: 488-667  
ISIP: 1443 FSIP: 1443  
BHT: 111° F

Office calcs:

IHP: 1826 FHP: 1789  
IFP: 104-436 FFP: 477  
ISIP: 1420 FSIP: 1426

Chls 112,000; mud sys 4700.

**DST #4 3927'- 3990' (Elgin) 30-60-30-120**

1st op: Wk blow, 1/4" or less  
2nd op: No blow  
Rec: 5' DM

Field calcs:

IHP: 1889 FHP: 1876  
IFP: 25-28 FFP: 28-28  
ISIP: 57 FSIP: 85  
BHT: 112° F

Office calcs:

IHP: 1859 FHP: 1852  
IFP: 32-33 FFP: 32-32  
ISIP: 64 FSIP: 74

Chls 4000; mud sys 4000.

**DST #5 4864'- 4910' (Mississippian C) Misrun**

**DST #6 4863'- 4910' (Mississippian C) 30-60-60-240**

1st op: Fair blow 12" in 30 min  
2nd op: Fair to strong blow off btm of bucket in 36 min  
Rec: 28' M

Field calcs:

IHP: 2335 FHP: 2333  
IFP: 28-26 FFP: 28-32  
ISIP: 409 FSIP: 1356 (still bldg on chart)  
BHT: 123° F

Office calcs:

IHP: 2360 FHP: 2346  
IFP: 39-34 FFP: 34-48  
ISIP: 429 FSIP: 1366

Chls 3000; mud sys 4000.

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JAN 05 1996

CONSERVATION DIVISION  
WICHITA, KS

**WOOLSEY PETROLEUM CORPORATION**

107 North Market • Suite 600 • Wichita, Kansas 67202-1807  
Phone: (316) 267-4379 • FAX: (316) 267-4383

**ORIGINAL**

**HENDRIX C-3**

75' S of C W2 E2 E2 Sec. 6-34S-13W  
Survey: 2565' FSL & 990' FEL  
Barber County, Kansas

API# 15-007-224820000  
Elev: G.L. 1859'  
K.B. 1873'  
Spud: 09/07/95

**DST #7 4944'- 4975' (Mississippian B) 30-60-60-240**

1st op: Fair blow, 8.5" after 30 min  
2nd op: Fair to strong blow, off btm of bucket in 60 min  
Rec: 35' M  
Field calcs:  
IHP: 2356 FHP: 2344  
IFP: 21-23 FFP: 26-26  
ISIP: 140 FSIP: 667 & bldg  
BHT: 124° F

Office calcs:  
IHP: 2970 FHP: 2348  
IFP: 20-27 FFP: 21-26  
ISIP: 150 FSIP: 681

Chls 4000; mud sys 4000.  
ISI: blow back after 30 min  
FSI: blow back of 1" after 4 hours  
Pressures questionable - O-ring failure

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**DST #8 5192'- 5215' (Upper Viola) 30-60-30-120**

1st op: Wk blow 1/2"  
2nd op: V wk blow (surface)  
Rec: 20' M w/ few specks of oil  
Field calcs:  
IHP: 2519 FHP: 2449  
IFP: 16-19 FFP: 16-19  
ISIP: 57 FSIP: 40  
BHT: 124° F

Office calcs:  
IHP: 2524 FHP: 2472  
IFP: 21-33 FFP: 20-22  
ISIP: 61 FSIP: 46

Chls 4000; mud sys 4000.  
Slight plugging indicated on flows (note: mud carrying 5# of LCM)

**DST #9 5230'- 5290' (Lower Viola) 30-60-30-120**

1st op: Wk blow, 1/2"  
2nd op: V wk blow, surface, died in 15 min  
Rec: 10' M  
Field calcs:  
IHP: 2451 FHP: 2427  
IFP: 29-29 FFP: 33-34  
ISIP: 91 FSIP: 81  
BHT: 124° F

Office calcs:  
IHP: 2495 FHP: 2480  
IFP: 23-25 FFP: 25-26  
ISIP: 98 FSIP: 82

Chls 4000; mud sys 4000.

**DST #10 5295'- 5350' (Simpson sand) 30-60-60-180**

1st op: Strong blow off btm of bucket in 4 min  
2nd op: Strong blow off btm of bucket in 4 min  
Rec: 150' GIP + 93' MW (30% M) w/ oil specks + 2175' GSW (3% G)  
Field calcs:  
IHP: 2484 FHP: 2472  
IFP: 140-641 FFP: 576-1105  
ISIP: 1892 FSIP: 1870  
BHT: 138° F

Office calcs:  
IHP: 2497 FHP: 2513  
IFP: 291-628 FFP: 588-1124  
ISIP: 1906 FSIP: 1886

Chls 90,000; mud sys 4000.

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KANSAS CORPORATION COMMISSION

JAN 05 1996

CONSERVATION DIVISION  
WICHITA, KS

# ORIGINAL ALLIED CEMENTING CO., INC.

1391

SHIP TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Medicine Lodge, KS

DATE <u>9-7-95</u>	SEC. <u>6</u>	TWP. <u>34S</u>	RANGE <u>13W</u>	CALLED OUT	ON LOCATION <u>5:30</u>	JOB START <u>6:00</u>	JOB FINISH <u>6:30</u>
LEASE <u>HODDGE</u>		WELL # <u>'C' #1</u>		LOCATION <u>WAGON CHAPEL W/D.E., 1 1/2 S, 1/4 E, 5/20</u>		COUNTY <u>BARTER</u>	STATE <u>KANSAS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Eagle Drilling Co., Inc OWNER Woolsey Petroleum Corp.  
 TYPE OF JOB SURFACE CEMENT  
 HOLE SIZE 12 1/4 T.D. 226  
 CASING SIZE 8 5/8 DEPTH 223  
 TUBING SIZE DEPTH 12 1/2  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM JAN E  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 20' CON  
 PERFS.

AMOUNT ORDERED  
140 SK 60:40:2 + 3% CAS

COMMON	<u>B4</u>	@	<u>6.10</u>	<u>512.40</u>
POZMIX	<u>S6</u>	@	<u>3.15</u>	<u>176.40</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>29.50</u>
CHLORIDE	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>140</u>	@	<u>1.05</u>	<u>147.00</u>
MILEAGE	<u>140 x 1/2</u>	@	<u>.04</u>	<u>100.80</u>
TOTAL				<u>\$1106.10</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER DEAL R  
 # 233/234 HELPER JUSTIN H  
 BULK TRUCK  
 # 259/251 DRIVER TIMS  
 BULK TRUCK  
 # DRIVER

**REMARKS:**

RAW 8 5/8 TO 223 FT CEMENTED WITH  
140SK 60/40 POZ. 3% CC  
2% GEL - Displaced plug to 203 FT  
WITH 13 BBL'S FRESH H<sub>2</sub>O  
Cement Did Circulate!  
THANKS!

**SERVICE**

DEPTH OF JOB	<u>223'</u>			
PUMP TRUCK CHARGE 0-300'			<u>445.00</u>	
EXTRA FOOTAGE	@			
MILEAGE	<u>18</u>	@	<u>2.35</u> <u>42.30</u>	
PLUG <u>Wagon</u> <u>8 5/8"</u>		@	<u>45.00</u> <u>45.00</u>	
		@		
		@		
TOTAL				<u>\$532.30</u>

CHARGE TO: Woolsey Petroleum Corporation  
 STREET PO Box 168  
 CITY Med. Lodge STATE KO ZIP 67104

**FLOAT EQUIPMENT**

KANSAS CORPORATION COMMISSION	@	
	@	
	@	
	@	
	@	
TOTAL		

**RELEASED**

APR 7 1998

JAN 05 1996

FROM CONFIDENTIAL

CONSERVATION DIVISION  
WICHITA, KS

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE X Curt Dmell

TAX - 0 -

TOTAL CHARGE \$1638.40

DISCOUNT \$327.68 IF PAID IN 30 DAYS

\$1310.72

# ORIGINAL ALLIED CEMENTING CO., INC.

1425

SHIP TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
med. lodge. ks.

DATE <u>9-24-95</u>	SEC. <u>6</u>	TWP. <u>34s</u>	RANGE <u>13W</u>	CALLED OUT <u>8:30 AM</u>	ON LOCATION <u>11:30 AM</u>	JOB START <u>4:45 AM</u>	JOB FINISH <u>6:05 AM</u>
LEASE <u>Hendrix</u>	WELL # <u>ET C3</u>	LOCATION <u>Union Chapel, w to Dr. End, 1/2 S Barber</u>	COUNTY <u>Barber</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)				<u>1/4" S/Into</u>			

CONTRACTOR <u>Fagle Drig.</u>	OWNER <u>Woolsey Petroleum</u>
TYPE OF JOB <u>Production</u>	CEMENT
HOLE SIZE <u>7 7/8</u>	T.D. <u>5500</u>
CASING SIZE <u>4 1/2 x 10.5</u>	DEPTH <u>5492</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>5500</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>40.64</u>
CEMENT LEFT IN CSG.	
PERFS.	

AMOUNT ORDERED <u>500 Gallons mud-Sweep, 200 gals. Class H, ASC</u>		
<u>3# ROL-SEAL + 1/2# FLO-SEAL</u>		
COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
<u>CLASS H ASC 200</u>	@ <u>9.30</u>	<u>1860.00</u>
<u>ROL-SEAL 1000#</u>	@ <u>3.8</u>	<u>380.00</u>
<u>FLO-SEAL 50#</u>	@ <u>1.15</u>	<u>57.50</u>
<u>MUD SWEEP 500 Gals</u>	@ <u>1.80</u>	<u>900.00</u>
HANDLING <u>200</u>	@ <u>1.05</u>	<u>210.00</u>
MILEAGE <u>200 x 1.8</u>	<u>.04</u>	<u>144.00</u>
		TOTAL <u>\$3551.50</u>

**EQUIPMENT**

PUMP TRUCK	CEMENTER <u>Harry D</u>
# <u>255</u>	HELPER <u>Carl B</u>
BULK TRUCK	
# <u>227</u>	DRIVER <u>Tim S</u>
BULK TRUCK	
#	DRIVER

**REMARKS:**

mixer pump, 500 Gallons mud sweep  
Cement w/ 200 gals. Class H, ASC  
Cement In-stop pumps, washout  
pumps & lines, Release Plug  
Displace w/ Fresh H<sub>2</sub>O Pump  
Plug & Latch, Release RST  
Plug Held.

**SERVICE**

DEPTH OF JOB <u>5492</u>		
PUMP TRUCK CHARGE		<u>1229.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>18</u>	@ <u>2.35</u>	<u>42.30</u>
PLUG Latch Down <u>4 1/2"</u>	@ <u>150.00</u>	<u>150.00</u>
	@	
	@	
		TOTAL <u>\$1421.30</u>

CHARGE TO: Woolsey Petroleum Corp.  
 STREET P.O. Box 168  
 CITY Med. Ldy STATE Ko ZIP 67104

**FLOAT EQUIPMENT**

<u>4 1/2</u>		
<u>1-Float shoe</u>	@ <u>200.00</u>	<u>200.00</u>
<u>1-Baffle</u>	@	<u>N/C</u>
<u>35-Scratchers - REC.</u>	@ <u>25.00</u>	<u>875.00</u>
<u>11-Centerizers</u>	@ <u>53.00</u>	<u>583.00</u>
	@	
		TOTAL <u>\$1688.00</u>

RELEASED

APR 7 1998

FROM CONFIDENTIAL

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KANSAS CORPORATION COMMISSION

JAN 05 1996

CONSERVATION DIVISION  
 WICHITA, KS  
 To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE X Carl W. [Signature]

TAX - 0 -  
 TOTAL CHARGE \$6630.80  
 DISCOUNT \$1326.16 IF PAID IN 30 DAYS  
 Net \$5304.64



PETROLEUM SERVICES

November 13, 1995

WOOLSEY PETROLEUM CORPORATION  
107 North Market - Suite 600  
Wichita, Kansas 67202

Attention: Mr. Joe Preece

RELEASED

APR 7 1998

FROM CONFIDENTIAL

Subject: Core Analysis Final Report  
Hendrix "C" No. 3 Well  
Barber County, Kansas  
CL File: 57182-13836

Dear Mr. Preece:

Drilled sidewall samples taken from the subject well in multiple formations were received at the Oklahoma City laboratory for analytical testing described on the Procedure page.

Tabular presentation of the measured physical properties can be found on pages FINAL REPORT 1-1 through 1-3.

Statistical summaries of the data, permeability versus porosity cross-plots and histograms of porosity, permeability and grain density are excluded from this report due to limited number of samples in each formation.

It is a pleasure to have this opportunity of serving you. Should you have questions regarding these data call (405)946-5422.

Very truly yours,

CORE LABORATORIES, INC.

Lynn Antwine  
Senior Laboratory Supervisor

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KANSAS CORPORATION COMMISSION

APR 08 1996

CONSERVATION DIVISION  
WICHITA, KS

# CORE LABORATORIES

Company : WOOLSEY PETROLEUM CORPORATION  
 Well : HENDRIX "C" NO. 3 WELL  
 Location : SEC 6, T34S; R13W  
 Co, State : BARBER COUNTY, KANSAS

Field : AETNA FIELD  
 Formation : AS NOTED  
 Coring Fluid : FRESH WATER  
 Elevation : 1860'GL

File No.: 57182-13836  
 Date : 13-NOV-1995  
 API No. : 15-007-22482000  
 Analysts: SB

## C O R E A N A L Y S I S R E S U L T S

1-5-96

SAMPLE NUMBER	DEPTH INTERVAL ft	PERMEABILITY (Horiz) (Kair) md	POROSITY (Boyle's Law) (Helium) %	SATURATION		GRAIN DENSITY (Measured) gm/cc	DESCRIPTION
				(Oil) %	(Water) %		
1	2306.0	1.80	13.6	0.0	73.7	2.77	Ls gry f gr slily dol foss
2	2620.0	0.79	22.0	0.0	87.2	2.81	Ls lt tn f gr dol ool p.p.
3	3161.0	22.0	21.7	0.0	88.7	2.72	Sst gry v f gr sh lam
4	4135.0	<.01	4.8	0.0	74.7	2.78	Ls gry v f/f xln pyr
5	4863.0		15.5	6.5	59.2	2.68	Cht gry/grn v sh wthd frac
6	4874.0	0.04	11.8	13.3	57.4	2.77	Dol dk tn f xln sdy

DRILLED SIDEWALL DEAN STARK ANALYSIS

CHASE GROUP FORMATION

WRETFORD FORMATION

INDIAN CAVE FORMATION

SNYDERVILLE FORMATION

MISSISSIPPIAN FORMATION

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CONSERVATION DIVISION  
 WICHITA, KS



CORE LABORATORIES

Company : WOOLSEY PETROLEUM CORPORATION  
Well : HENDRIX "C" NO. 3 WELL

Field : AETNA FIELD  
Formation : AS NOTED

File No.: 57182-13836  
Date : 13-NOV-1995

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH INTERVAL ft	PERMEABILITY (Horiz) (Kair) md	POROSITY (Boyle's Law) (Helium) %	SATURATION		GRAIN DENSITY (Measured) gm/cc	DESCRIPTION
				(Oil) %	(Pore Volume) (Water) %		
7	4886.0	0.06	13.9	18.1	64.6	2.68	Cht dk tn slily dol wthd
X 8	4956.0		19.6	17.2	49.5	2.76	Dol dk tn f xln sdy
9	4965.0	0.72	18.2	12.7	64.1	2.70	Cht brn dol wthd
10	4990.0	<.01	2.6	2.1	55.9	2.70	Ls gry f gr foss
VIOLA FORMATION							
11	5208.0	0.01	7.1	0.0	75.4	2.83	Dol dk gry f xln slily calc
WILCOX FORMATION							
X* 12	5340.0		9.3	4.1	65.3	2.84	Sst dk gry f gr dol pyr Sh clasts
X* 13	5340.0		12.0	16.8	20.0	2.68	Sst wht m gr slily dol sml Sh clasts
14	5341.0	14.0	8.7	5.8	46.6	2.70	Sst wht f/m gr slily dol sml Sh clasts
15	5342.0	31.0	9.2	15.8	23.7	2.71	Sst wht f gr slily dol sml Sh clasts
SIMPSON FORMATION							
16	5424.0	0.89	9.6	0.0	67.6	2.69	Sst dk gry v f/f gr Sh lam

# =Permeability Measurement Enhanced By Shale Parting.

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# CORE LABORATORIES

File No.: 57182-13836  
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## C O R E   A N A L Y S I S   R E S U L T S

SAMPLE NUMBER	DEPTH INTERVAL ft	PERMEABILITY (Horiz) (Ka ir) md	POROSITY (Boyle's Law) (Helium) %	SATURATION		GRAIN DENSITY (Measured) gm/cc	DESCRIPTION
				(Oil) %	(Water) %		
X = Sample Unsuitable For Permeability Measurement.  * = Duplicate Sample Depths.							

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