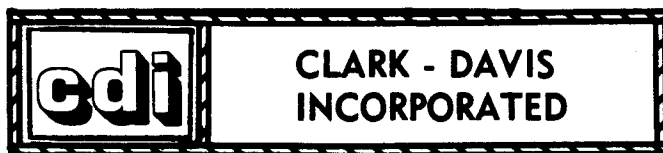


Pi Computer inventoried

3-2-27W



Landmark Square  
212 N. Market, Suite 308  
Wichita, KS 67202

Off: (316) 264-7464

RECEIVED  
STATE CORPORATION COMMISSION

SEP - 8 1983

CONSERVATION DIVISION  
Wichita, Kansas

HOUSTON HYDROLANCE  
INTERNATIONAL, INC.

# 3 Macfee

990' FSL 990' FEL

3-T2S-R27W Decatur Co., Ks.

**RELEASED**

Date: SEP 1 1984

FROM CONFIDENTIAL

**CONFIDENTIAL**

State Geological Survey  
WICHITA BRANCH

P1

3-2-27W

# WELL DATA

Operator-	Houston Hydrolance International, Inc. #8684
Well-	# 3 Macfee API # 15-039-20,699
Location-	990' FSL 660' FEL 3-2S-27W Decatur Co., Ks.
Contractor-	Stoeppelworth Drilling Inc.
Tool Pusher-	Jack Lowry
Geologist-	D. V. Davis Jr.
Elevation-	GL 2630' KB 2634'
Spud-	848-83
Surface Casing-	252' 8-5/8" @ 257' w/200 sxs.
Commenced-	8-19-83
Bit Size-	7-7/8"
Completed-	8-26-83
RTD/LTD-	3881'/3880'
Mud-	Davis Mud & Chemical Co. Inc.
Testing-	Halliburton-Services
Logging-	Schlumberger Well Services
Samples-	K.G.S. Well Sample Library
Status-	D & A

# CHRONOLOGICAL DATA

8-18-83	0000	Moved on; Spud; Set Surface
8-19-83	0262	Drilled out;
8-20-83	1960	Drilling Ahead; Bit Trip
8-21-83	2760	" " " " ; Geologist on location
8-22-83	3326	CFS @ 3440; @ 3480; @ 3497 @ 3528; DST #1 misrun
8-23-83	3528	Lost Circulation
8-24-83	3528	DST #2; CFS @ 3575; @3605; DST #3
8-25-83	3605	CFS @ 3660; DST #4; CFS @ 3685;
8-26-83	3685	CFS @3881; Log; Plug

# BIT RECORD

HTC R2	257-2157
HTC J2	2157-2959
HTC OSC3	2959-3528
HTC OSC3	3528-3881

# Slope Test

250'	- $\frac{1}{2}$
2157'	- $\frac{1}{2}$
2959'	- $\frac{3}{4}$
3528'	- $\frac{1}{2}$
3605'	- $\frac{1}{4}$

Pi

FORMATION TOPS

3-2-27w

3 Macfee

<u>Formation</u>	<u>E-Log</u>	<u>Datum</u>	<u>Sample</u>
Stone Corral	2147	+487	
Topeka Ls.	3273	-639	3275
Deer Creek Ls.	3317	-683	3322
LeCompton Ls.	3386	-752	3387
Oread Ls.	3420	-786	3422
Heebner Sh.	3436	-802	3441
Toronto Ls.	3470	-836	3471
Lansing Stanton Ls.	3482	-848	3482
Plattsburg Ls.	3508	-874	3509
KC Wyandotte Ls.	3552	-918	3556
Iola Ls.	3586	-952	3586
Drum Ls.	3626	-992	3628
Swope Ls.	3646	-1012	3647
Hertha Ls.	3669	-1035	3670
Base Kansas City Gp.	3680	-1046	3682
Marmaton Gp.	3694	-1060	3695
Cherokee Cong. Sand	3807	-1173	3810
Granite Wash			3863

TESTS

# 1 3512-3528 Misrun

# 2 3512-3528 Plattsburg Ls. 30"-30"-30"-30"

IHP 1643# FHP 1643# BHT 95 F

IFP 20-30# Weak Blow Died/7"

FFP 30-30# No blow

ISIP 50# FSIP 60#

Rec- 10' mud

# 3 3572-3605 Iola Ls. 30"-30"-30"-30"

IHP 1703# FHP 1693#

IFP 40-40# No Blow

FFP 40-50#

ISIP 50# FSIP 60#

Rec- 3' mud

Pi.  
# 4 3635-3660 Swope Ls. 30"-60"-60"-90"  
IHP 1723# FHP 1723# BHT 105 F  
IFP 131-181# Fiar decrease to weak blow  
FFP 191-211# Weak BLow  
ISIP 262# FSIP 282#  
Rec- 445' muddy salt water w/ specks oil

3-2-27w  
3 Macfee

#### GEOLOGICAL COMMENTS

The Lansing Group, Stanton Limestone, log top was chosen at 3482 (-848). This would be 1 foot low to the # 1 Macfee and 4 feet low to the # 2 Macfee. Samples were cream to tan, finely crystalline, oolitic and fossiliferous limestone, with fair to good oolitic, fossil-cast and intercrystalline porosity. There were no shows.

The Plattsburg Limestone log top was chosen at 3508 (-874). This would be 3 feet low to the # 1 Macfee and 6 feet low to the # 2 Macfee. Samples were cream to tan, finely crystalline limestone, with poor to fair inter-crystalline and solution pinpoint porosities. There was a spotted oil staining and a poor trace of free oil. See results of DST # 2.

The Iola Limestone log top was chosen at 3586 (-952). This would be flat to the # 1 Macfee and 7 feet low to the # 2 Macfee. Samples were white to cream, finely crystalline limestone, with poor to fair solution vug and inter-crystalline porosities. There was a light brown staining and a trace of free oil. See results of DST # 3.

The Swope Limestone log top was chosen at 3646 (-1012). This would be 2 feet low to the # 1 Macfee and 6 feet low to the # 2 Macfee. Samples were cream, white and tan, fine and medium crystalline, slightly fossiliferous limestone, with fair inter-crystalline, vug and fossil-cast porosities decreasing to poor fossil-cast. There was a brown oil stain and a trace of free oil. See results of DST # 4.

There were no shows below the Kansas City Group.

A careful log analysis combined with the few poor sample shows and condemning drill stem tests, it was recommended that this test be declared dry and abandoned.

Sincerely,



Douglas V. Davis Jr.