

21-33-20W A

J. COPELAND LANDES

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Wichita, Kansas 67202

Off. 262-0351
Res. 686-8364

MARCH 16, 1982

Oil & Gas
Exploration & Producing

SAMUEL GARY OIL PRODUCERS
817 17th Street
Denver, Colorado 80202

RE: #21-10 EUBANK
NW SE SEC. 21-33S-20W,
Comanche County, Kansas

GENTLEMEN:

Following is the pertinent information in connection with the above captioned well:

Contractor: Gabbert-Jones	Tool Pusher: E. V. Courange
Spud: 2-24-82	Completed: 3-9-82
Surface: 618' - 8 5/8"	Long String: None
Mud: Davis Mud Co.	Gas Detector: Analytical
Logs: Schlumberger	Testing: Western Testing
Elevation: 1826 KB	Drilling Time: 4000' to TD
Samples: 4000' to TD	Geologist: J. Copeland Landes

BIT RECORD:

<u>Run</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>In</u>	-	<u>Out</u>
1	7 7/8"	SEC.	S3J	618	-	1955
2	7 7/8"	SEC.	S86F	1955	-	4885
3	7 7/8"	SEC.	S86F	4885	-	5350

Following is list of Tops by Samples and Electric Log:

<u>Formation</u>	<u>Sample Top</u>	<u>Electric Log Top</u>
HEEBNER SHALE	4193 (-2367)	4193 (-2367)
TORONTO	4201 (-2375)	4202 (-2376)
LANSING/KANSAS CITY	4389 (-2563)	4390 (-2564)
IOLA LS.	4623 (-2797)	4624 (-2798)
STARK SHALE	4784 (-2958)	4782 (-2956)
CANVILLE	4790 (-2964)	4790 (-2964)
SWOPE LS.	4809 (-2983)	4810 (-2984)
HUSH SHALE	4835 (-3011)	4830 (-3006)
HERTHA LS.	4841 (-3017)	4839 (-3015)

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<u>Formation (continued)</u>	<u>Sample Top</u>	<u>Electric Log Top</u>
BASE/KANSAS CITY	4890 (-3064)	4887 (-3061)
MARMATON	4929 (-3103)	4928 (-3102)
PAWNEE	5016 (-3190)	5018 (-3192)
FT. SCOTT LS.	5056 (-3230)	5054 (-3228)
CHEROKEE	5071 (-3245)	5070 (-3244)
MISSISSIPPI	5190 (-3264)	5088 (-3262)
TOTAL DEPTH	5350 (-3524)	5345 (-3519)

ZONES OF INTEREST:

5037-5047 PAWNEE Limestone - light gray, very finely crystalline,
Bleeding gas, crystalline porosity.

Gas Readings: Chromatograph = 80/25 units
Hot Wire: = 65/25 units

DRILL STEM TEST #1 5032 - 5064

30" IFP = 64#
60" ISIP = 1776#
60" FFP = 168#
120" FSIP = 1776#

IHP = 2591# FHP = 2591#

Rec: 140' Very slightly gas cut mud
60' Muddy water
25' Mud (75% water) CI = 30,000 p.p.m.

5257-5266 MISSISSIPPI Limestone - white, medium crystalline, good
crystalline porosity.

Gas Reading:
Hot Wire = 15/10 units

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Zones of Interest (continued)

DRILL STEM TEST #2 5205-5285 (MISSISSIPPI)

30"	IFP	118 - 129#
60"	ISIP	411#
30"	FFP	183-162#
120"	FSIP	465#

IHP = 2701# FHP = 2679#

Bottom Hole Temperature = 130 degrees

Recovered: 150' Mud.

CONCLUSION: As a result of the negative Drill Stem Tests in the
Pawnee and Mississippi formations, this well was
plugged and abandoned.

Respectfully submitted,

J. Copeland Landes
J. COPELAND LANDES *JL*

JCL:wlf