

Computer inventoried



Computer inventoried
J. Copeland Landes

COPY

Exploration Geologist

817-383-4035

May 20, 1989

1115 Thomas
Denton, Texas 76201

BALCRON OIL COMPANY
P. O. Box 21017
Billings, Montana 59104

Re: BALCRON OIL COMPANY
1 - 35 BOC Weltmer
1350' F S L 2300' F W L SE NE SW
Section 35 - T16S - R20W
Rush County, Kansas
API 15-165-21470

GEOLOGICAL REPORT

Gentlemen:

Following is the pertinent information concerning the above captioned well.

Contractor: Duke Drilling Company

Pusher: Ervin Neighbors

Spud: May 13th, 1989

Complete: May 19th, 1989

Surface Pipe: 8 5/8" @ 306'

Long String: 5 1/2" @ 3890'

Testing: Western

Logging: Great Guns

Mud: Davis

Elevation: 2098 K B

Geologist: J. Copeland Landes

RECEIVED
STATE CORPORATION COMMISSION

BIT RECORD

OCT 4 1990

# 1	7 7/8"	Reed H - P - 52	320 - 3320
# 2	7 7/8"	Hughes J - 22	3320 - 3892

CONSERVATION OF
WINDFALL, KANSAS

25-16-20W

BALCRON OIL COMPANY
1 - 35 BOC Weltmer
Rush County, Kansas

-2-

May 20, 1989

GEOLOGICAL TOPS

<u>Formation</u>	<u>Sample</u>	<u>Electric Log</u>
ANHYDRITE	1330 (768)	1330 (768)
TOPEKA	3139 (-1041)	3136 (-1038)
HEEBNER	3433 (-1335)	3433 (-3135)
LANSING - KANSAS CITY	3476 (-1378)	3476 (-1378)
BASE KANSAS CITY	3736 (-1638)	3738 (-1640)
MARMATON	3788 (-1690)	3792 (-1694)
ARBUCKLE	3876 (-1778)	3876 (-1778)

ZONES OF INTEREST

LANSING - KANSAS CITY 3501 - 3506

Limestone - Light tan - buff, good odor, trace of free oil
in few pieces with vuggy and crystalline porosity.
Few pieces with no apparent show.

DRILL STEM TEST # 1 3486 - 3519

OPEN	30	IFP	54 - 162
SHUT IN	60	ISIP	1151
OPEN	30	FFP	237 - 291
SHUT IN	60	FSIP	1130
IHH	1776	FHH	1744

RECOVERED: 570' Muddy Water - Chlorides 85,000

Temp 116 Degrees

RECEIVED
NATURAL GAS COMMISSION

OCT 4 1990

REGISTRATION DIVISION
Topeka, Kansas

BALCRON OIL COMPANY
1 - 35 BOC Weltmer
Rush County, Kansas

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May 20, 1989

ZONES OF INTEREST (Continued)

ARBUCKLE 3876 - 3882

Dolomite - Tan, fine crystalline, very tight, no show.

ARBUCKLE 3882 - 3890

Dolomite - Tan, fine to medium crystalline, good odor, trace
of crystalline porosity, trace of free oil.

DRILL STEM TEST # 2 3880 - 3890

OPEN	30	IFP	22 - 22	
SHUT IN	60	ISIP	1113	
OPEN	10	FFP	33 - 33	
SHUT IN	20	FSIP	980	
IHH	1904	FHH	1859	Temp 117 Degrees

RECOVERED: 1' Free Oil

15' Heavy Oil Cut Mud 45% Oil, 15% Water, 40% Mud

Chlorides of Water - 12,000

Chlorides of Filtrate - 10,000

ARBUCKLE 3890 - 3892

Dolomite - Tan - medium Crystalline, fair odor, crystalline
porosity with trace of free oil.

RECEIVED
STATE CORPORATION

OCT. 4 1990

CONSERVATION
Wichita, Kansas

BALCRON OIL COMPANY
1 - 35 BOC Weltmer
Rush County, Kansas

-4-

May 20, 1989

DRILL STEM TEST # 3 3882 - 3892

OPEN	30	IFP	33 - 33	
SHUT IN	60	ISIP	1135	
OPEN	30	FFP	44 - 44	
SHUT IN	60	FSIP	1080	
IHH	1870	FHH	1837	Temp 117 Degrees

RECOVERED: 5' Clean Oil

60' Heavy Oil Cut Mud - 50% Mud, 40% Oil, 10% Water

Chlorides of Water - 13,000

Chlorides of Filtrate - 13,000

CONCLUSION

The Lansing - Kansas City in this well was structurally higher than that of the Jenkins - Weltmer well to the north. We had a good show in the 30' Zone, ran a Drill Stem Test, and recovered water. The log calculates the 30' Zone to be definitely productive. It appears the test might have been affected by the fact that we had 1' of an additional zone open. Therefore, since casing was set, I would suggest the 30' zone (3502 - 3507) be perforated before abandonment.

The Arbuckle was structurally flat to the Jenkins - Weltmer well to the north. We recovered some free oil and good pressures on Drill Stem Tests. The log shows effective porosity from 3883 - 3893. Casing was set for further testing.

RECEIVED
STATE CORPORATION COMMISSION
OCT 4 1990
CONSERVATION DIVISION
WILLIAM HARRIS

Sincerely,

J. COPELAND LANDES

BOC Weltmer #1-35
NE SW Section 35, T16S, R20W
Rush County, Kansas
DST REPORT - Attachment to ACO-1

COB

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RECORDED
STATE OF KANSAS
OCT 17 1980