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4-27s-12w

CYCLONE PETROLEUM, INC.

LAKESIDE #1

PRATT COUNTY, KANSAS

RECEIVED
STATE CORPORATION COMMISSION

SEP 24 1991

Wichita, Kansas

4-27-12w

W. Scott Alberg

Consulting Geologist

WELLSITE SUPERVISION

GEOLOGIC STUDIES

Bus: (316) 672-7373

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Cyclone Petroleum, Inc
Lakeside #1

P.O. Box 912

Pratt, KS 67124

C-NE-SE-SW

Section 4-T27S-R12W

Pratt County, Kansas

4 1/2" Production Casing Set

Contractor	Duke Drilling, Rig #2
Commenced	January 1, 1991
Completed	January 9, 1991
Elevations	G.L. 1860, K.B 1868
Measurements	All depths measured from Kelly Bushing.
Casing Program	Surface; 10 3/4" Set at 250' 8 5/8" Set at 852'
Samples	Production: 4 1/2" Set at 4400'
Drilling Time	Samples saved from 3400' to T.D. One (1) foot drilling time recorded by geograph surface to T.D.
Gas Detector	None
Electric Log	Halliburton Logging Services, DIL, SDL/DSN, MICRO
Formation Testing	No tests were taken.

<u>FORMATION</u>	<u>ELECTRIC LOG DEPTH</u>	<u>SUB SEA DATUM</u>
Heebner	3505	(-1637)
Toronto	3529	(-1661)
Douglas Shale	3548	(-1680)
Brown Lime	3691	(-1823)
Lansing	3704	(-1836)
B/KC	4050	(-2182)
Mississippian	4139	(-2271)
Viola	4314	(-2446)
Simpson Shale	4401	(-2533)
Simpson Sand	4404	(-2536)
Arbuckle	NDE	NDE
Log Total Depth	4412	(-2544)

All samples are corrected to Electric Log Measurements.

SAMPLE ANALYSIS, SHOWS OF OIL, ETC.

Topeka Section

No shows were encountered in this section.

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Toronto Limestone
3537-3544

Limestone, tan-white, cream, finely crystalline, partly dense, slightly fossiliferous, fossiliferous porosity, trace of crystalline porosity, slightly chalky, slight show of light oil, no odor, OF NO VALUE.

Lansing Section
'B Zone'
3738-3750

Limestone, cream-white, buff, fine to medium crystalline, partly dense, slightly fossiliferous, trace of crystalline porosity, slightly chalky in part, slight show free oil, no odor, dull fluorescence, OF NO VALUE.

'H Zone'
3880-3886

Limestone, cream-white, fine to medium crystalline, partly dense, slightly oolitic, oolitic porosity, vugular porosity, no odor, no visible show of free oil, fluorescence, OF NO VALUE.

Kansas City Section
'J Zone'
3918-3928

Limestone, buff-white, finely crystalline, partly dense, fossiliferous porosity, trace of vugular porosity, slightly oolitic, slightly chalky, no odor, OF NO VALUE.

'K Zone'
3960-3970

Limestone, cream-white, buff fine to medium crystalline, partly dense, fossiliferous porosity, trace of pin point porosity, no odor, very slight show of oil, slight staining, OF NO VALUE.

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Swope and Hertha Zones

No shows were recorded in these sections.

Marmaton Section
4104-4118

Limestone, tan-white, finely crystalline, partly dense, fossiliferous, very slight staining, trace of chert, no show of free oil, no odor, OF NO VALUE.

Mississippian
4139-4182

Chert, white, tan, tan-white, fresh, slightly tripolitic in part, up to 30% weathered, vugular porosity, pin point porosity, fractured porosity, sharp, some vari-colored, slight staining along fractures, fair show of gassy oil, very faint odor, good fluorescence, OF POSSIBLE VALUE.

Viola
4314-4334

Chert, white, tan-white, sharp, fresh, slightly dolomitic, trace of pin point porosity, no fluorescence, no odor, OF NO VALUE.

Log Total Depth

4412 (-2544)

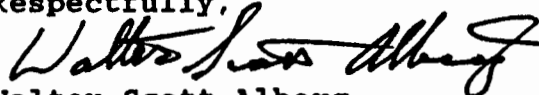
Recommendations

With the results of sample shows, structural position, and electric log calculations, it was recommended that casing be set to further evaluate the Mississippian Zone. The following zone is recommended for testing:

1.) Mississippian

4140-4175 Perforate & Frac.

Respectfully,


Walter Scott Alberg

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