

2-31-7W

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SIMMONS

GEOLOGIST

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DRILLING PROSPECTS — OIL & GAS INVESTIGATIONS — WELL SUPERVISION — WELL COMPLETIONS  
5252 NORTH BROADWAY • WICHITA, KANSAS 67219 • 316 838-3761

GEOLOGIC REPORT

Indian Wells Oil Company  
Smith # 2  
C NE SW Section 2-31S-7W  
Harper County, Kansas

Development Well  
I. P. - Pending

September 23, 1980

Elevation 1595 RB

Commenced: 9/11/80

Completed: 9/19/80

Casing Record

8 5/8" @ 257'/200 sax.

4 1/2" @ 4389'/Halliburton

SUMMARY OF FORMATIONS

|                     |              |
|---------------------|--------------|
| Heebner             | 3285 (-1690) |
| Douglas             | 3385 (-1790) |
| Stalnaker           | 3683 (-2088) |
| Kansas City         | 3822 (-2227) |
| Base of Kansas City | 4065 (-2460) |
| Conglomerate        | 4331 (-2736) |
| Mississippian       | 4344 (-2749) |
| "Pay Zone"          | 4352 (-2757) |
| Rotary Total Depth  | 4390 (-2795) |

CORES: NoneELECTRIC LOGS: NoneDRILL STEM TESTS: NoneSUMMARY OF POROUS ZONES & OIL SHOWS

**Conglomerate:** (4331-4344) Composed of shales; red, yellow, gray and green with some sand clusters. Some red and yellow cherts with no shows.

**Mississippian:** (4344-4352) Composed of cherts white to yellow, sharp and fresh. No shows.

(4352-4360) Cherts leached and tripolitic with good apparent porosity carrying a good odor. Good show of free oil and good florescence. Estimate Commercial.

RECOMMENDATIONS

This well ran structurally favorable as compared with other wells in the immediate area. It was a few feet lower than the Williams # 1, the north offset, and a few feet higher than the Smith # 1, the southwest offset.

Good shows of oil and gas were encountered in the "Pay Zone" section in this well from 4352 to 4360 feet and were considered to be of Commercial value.

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CONSULTATION DIVISION  
Wichita, Kansas

Geologic Report  
Indian Wells Oil Co.  
Smith # 2  
Recommendations (cont.)

← I NO →

It is recommended that casing be set through and the well completed with cable tools. A Gamma Ray-Neutron Log should be run to total depth and the "Pay Zone" perforated and tested further.



Respectfully submitted,

*W. P. Simmons*

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Certified Petroleum Geologist #1362

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