Computer inventoried

james r. craig

PETROLEUM CONSULTANT

KCC

MAR 25 1994

GEOLOGICAL REPORT

OPERATOR:	WILDCAT OIL & GAS PO BOX 90 LYONS, KANSAS 67554-0090
WELL:	BRENSING # 1 API 15-185-22823
LOCATION:	NE NE NW SEC. 16 T 22s R 12w STAFFORD COUNTY, KANSAS
CONTRACTOR:	DUKE DRILLING CO. RIG # 1 WICHITA, KANSAS
DATE SPUD:	FEBRUARY 10, 1992 FEBRUARY 15, 1992
SURFACE CASING:	265' 8 5/8 CEMENTED WITH 170 SACKS 50/50 POZ W/ 2%
ZONES DST:	ARBUCKLE & LANSING/KANSAS CITY
OIL & GAS ZONES:	LANSING/KANSAS CITY & ARBUCKLE
ELECTRIC LOGS:	WIRE-TECH RADIATION GUARD
ROTARY TOTAL DEPTH:	3700' DRILLER 3698' E-LOG
STATUS:	DRY & ABANDONED

1992
WICHITA, KANSAS

Rt. 1, Box 161E/Winfield, KS 67156/316-221-0891/Mobile 316-782-3231

FEBRUARY 17, 1992

KCC

MAR 25 1994

Mr. Bill Chew
Wildcat Oil & Gas
PO Box 90
Lyons, Kansas 67554-0090

RE: Brensing # 1 NE NE NW
Section 16 T 22s R 12w
Stafford County, Kansas

Dear Mr. Chew;

The above captioned well was under my Geological supervision from a depth of 3300' to a total depth of 3700'. Samples were examined with the Black light and Microscope from a depth of 3100' to 3700'. Shows were encountered in the Kansas City,and Arbuckle, with weak shows in the Viola. These zones were condemned with Drill Stem Testing & Electric logging.

Structurally the well ran high to the surrounding production on the upper markers and fairly high on the Arbuckle, however the results of the DST were negative and the subject well was plugged and abandoned at a total depth of 3700'.

FORMATION TOPS
E-LOG
ELEVATIONS: 1872 KB
1867 GL

	WILDCAT BRENSING		MOORE DENKER	GORE DENKER #3
ANHYDRITE	659	+1213	+1208	NA
HEEBNER	3153	-1281	-1285	NA
BROWN LIME	3291	-1419	-1422	NA
LANSING/KAN CTY	3312	-1440	-1442	-1439
BASE/KAN CTY	3430	-1658	-1658	NA
CONGLOMERATE	3550	-1678	-1678	NA
VIOLA	3574	-1702	-1691	NA
SIMPSON SHALE	3623	-1751	-1738	-1746
ARBUCKLE	3678	-1806	-1794	-1809
		INTERVALS		
LAN/ARBUCKLE	366		352	370
BASE KC/VIOLA	44		33	NA
BASE KC/SIMP SH	93		80	NA
BASE KC/ARBUCKLE	148		136	NA

SAMPLE DESCRIPTIONS

LANSING/KANSAS CITY 3312/3530

"C" Zone 3350/3354
Lime, tan, grey, white, foss. WK SHOW E-log P/11% SW/61%

"G" Zone 3394/3405
Lime, white, chalky, foss. vuggy to pin-point porosity, few gas bubbles, SHOW of brown and black oil, instant cut, some fluorescence, faint odor. (This zone covered by DST # 3) E-Log 3396/3400 P/15% SW 53%; 3400/3404 P/14% SW 65%

"H" Zone 3441/3446
Lime, grey, with oolcastic porosity No cut E-log P/20%SW/25%

"J" Zone 3476/3482
Lime, tan, grey, some chalk, foss., good vuggy porosity, SHOW oil, good cut. E-log P/13% SW/52%

"K" Zone 3552/3556
Lime, white, grey, some vuggy porosity, stain, small SHOW E-log P/13% SW/54%.

DST # 3/3360 - 3540 (Straddle Test) IF: Weak, building to fair ½" to 4", FF: No blow, flush tool. Recovered 196' of mud with a scum of oil on top of grind-out. IHP 1793#; IFP 30", 135# to 145#; ICIP 1153#/60"; FFP, 15" 177# to 208#; FCIP; NA. FHP 1765#.

VIOLA CHERT 3579/3623

Chert, bone white to brown, some dolomitic lime. salt & pepper white chert. Some staining.

ARBUCKLE DOLOMITE 3678/3700 RTD

Dolomite, sucrosic, tan, white to tan chert, brown crystalline dolomite. Good odor, fluorescence, and a good SHOW of free oil. E-log P/15% SW/62%

DST # 1 3680 - 3685 IF; Weak building to a good blow ½"-8", FF; weak through-out 3", Recovered 15' clean oil 35 gravity, 30' oil cut mud, 60' slightly oil cut muddy water, 60' of water, 300' GIP chlorides 13,000 BHT 116. IHP 1848#; IFP 45", 10# to 31#, ICIP 60", 1215#, FFP 60" 62# to 62#, FCIP 90" 1215#, FHP 1827#.

DST # 2 3690 - 3700; IF; Strong blow throughout, FF; Strong blow in 2", Recovered 2340' Salt water, Chlorides 15,000. BHT 117, IHP 1952#, IFP 30" 117# to 738#, FFP 30" 790# to 1029#, FCIP 30" 1236#, FHP; 1931#

DAILY DRILLING PROGRESS

2-10-92	375' Set 265' 8 5/8 w/170 sacks 50/50 poz
2-11-92	2065 Drilling Jet @ 1158 & 1180 Bit trip @ 1585'.
2-12-92	2905 Drilling Jet 2321, 2476 & 2658
2-13-92	3463 Drilling Jet @ 3324
2-14-92	3685 Drilling ½ Dev DST # 1
2-15-92	3700 RTD DST # 2 & 3, Logging

RECOMMENDATIONS & CONCLUSIONS

The # 1 Brensing was high structurally, but not high enough to produce. The Arbuckle was full of water and the zones in he Kansas City would not give up any fluid. After careful examination of the data obtained from samples, testing and logging the subject well was plugged at a total depth of 3700'.

James R Craig

JAMES R. CRAIG