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COLO. OIL & GAS CONS. COMM.

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GEOLOGIC REPORT  
JACK N. BLAIR #1 COLLINS RANCH  
SE SW SECTION 33  
TOWNSHIP 16 SOUTH, RANGE 50 WEST  
CHEYENNE COUNTY, COLORADO

### SUMMARY

WELL NAME: Jack N. Blair  
#1 Collins Ranch

LOCATION: SE SW Section 33  
T 16S, R 50W  
Cheyenne County, Colorado

ELEVATION: 4518' KB; 4507' GL

TOTAL DEPTH: 5692' Logger; 5690 Driller

GEOLOGIST: R. J. Dempsey, Denver, Colorado

CONTRACTOR: Jim Snyder Drlg. Co., Denver, Colorado

SPUD: December , 1976

COMPLETED: January 7, 1977; Dry and Abandoned

CASING: 330' of 8-5/8"

FORMATION AT TD: Mississippian, Osage

NO TESTS:

OIL SHOWS: Upper Permian Sands 2635' to 2645' and 2670' - 2680',  
Scattered dead oil stain. Pennsylvanian, Lansing-  
Kansas City, 4221' - 31', Scattered oil stain in Tan  
Fine Crystalline Fossiliferous oolitic limestone.  
4450' - 4470', Oil stain in fine crystalline slightly  
chalky limestone, very dense.

Pennsylvanian, Marmaton, 4710' - 4730', oil stain in  
brown fine crystalline very dense limestone.

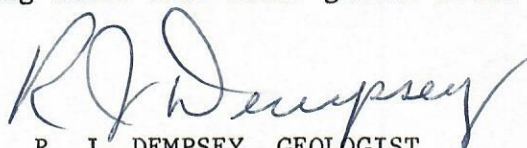
Mississippian, Warsaw, 5602' - 5614', slightly  
scattered Fluorescence, no cut in tan to brown fine  
sucrosic porous dolomite.

# FORMATION TOPS

<u>Formation</u>	<u>Depth</u>
Cretaceous	
Ft. Hays	872 (+3646)
Greenhorn	1129 (+3389)
Dakota	1408 (+3110)
Skull Creek Shale	1570 (+2948)
Cheyenne S.S.	1659 (+2859)
Permian	
Day Creek	2320 (+2198)
Blaine	2500 (+2018)
Stone Corral	2830 (+1688)
Wolfcamp	3005 (+1513)
Pennsylvanian	
Neva	3491 (+1027)
Foraker	3570 (+948)
Virgil	3778 (+740)
Lansing-Kansas City	4133 (+385)
Marmaton	4542 (-26)
Cherokee	4768 (-250)
Morrow	5276 (-758)
Keyes	5459 (-941)
Mississippian	
St. Louis	5476 (-958)
Spargen	5518 (-1000)
Warsaw	?
Osage	5654 (-1136)
TD	5692

## Plugging Data:

Filled hole with 9.1 pounds per gallon mud. 15 Sack cement plug at bottom of surface pipe, 10 sack cement plug at top of surface pipe, 3 sack cement in rat hole. Cut off surface casing three feet below ground level and welded on steel cap.



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