

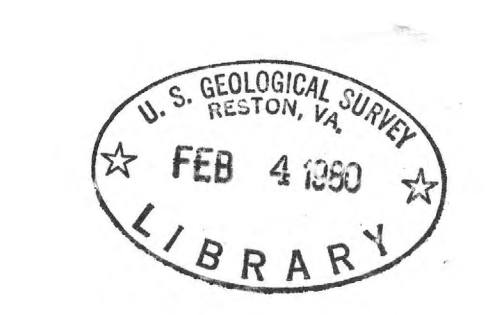
**DRILL HOLE INFORMATION**  
(Pressures are in lbs/in<sup>2</sup>; intervals in ft)

Well No.	Well Name	Location	Production Data
2	American Minerals 3 Ryan Cr.	sec. 32, T. 2 S., R. 99 W.	DST-01 4361-4507 70 ft mud; initial shut-in pressure 403; final shut-in pressure 935 after 1 h DST-02 5754-5798 90 ft mud; 2400 ft water-cut mud; initial shut-in pressure 403; final shut-in pressure 935 after 2 h
3	American Minerals 2 Ryan Cr.	sec. 32, T. 2 S., R. 99 W.	DST-01 3988-4085 Misrun DST-02 4045-4085 Misrun DST-03 4840-4961 667 ft slightly gas-cut mud; initial shut-in pressure 2347 after 30 min; final shut-in pressure 1976 after 1 h
4	Equity Oil 7 Sulfur Cr.	sec. 24, T. 2 S., R. 98 W.	DST-01 1045-1165 Gas to surface in 1 min at 500,000 cubic ft gas per day; recovered 670 ft highly gas-cut mud and water; final shut-in pressure 368 DST-02 5783-5855 Gas to surface in 30 min; less than 100,000 cubic ft gas per day; recovered 100 ft gas-cut mud and water; final shut-in pressure 1272 DST-03 5870-6041 Gas to surface in 2 h at 100,000 cubic ft gas per day; recovered 120 ft gas-cut mud; final shut-in pressure 200 DST-04 6860-6930 Recovered 1230 ft gas-cut mud; final shut-in pressure 948 DST-05 7030-7174 Gas to surface in 8 min; no gauge; final shut-in pressure 1065
5	Sturco 1 Govt. Sulfur Cr.	sec. 24, T. 2 S., R. 98 W.	DST-01 4432-4508 90 ft mud; misrun DST-02 4438-4508 Misrun DST-03 4516-4589 Initial shut-in pressure 672 after 1 h; final shut-in pressure 305 after 1 h; 30 min DST-04 5687-5742 115 ft very slightly gas-cut mud; initial shut-in pressure 646 after 1 h; final shut-in pressure 970 after 1 h DST-05 5875-5999 Misrun
6	Equity Oil 1 Sulfur Creek Govt.	sec. 24, T. 2 S., R. 98 W.	DST-01 1045-1165 Gas to surface in 1 min at 500,000 cubic ft gas per day; recovered 670 ft highly gas-cut mud and water; final shut-in pressure 368 DST-02 5783-5855 Gas to surface in 30 min; less than 100,000 cubic ft gas per day; recovered 100 ft gas-cut mud and water; final shut-in pressure 1272 DST-03 5870-6041 Gas to surface in 2 h at 100,000 cubic ft gas per day; recovered 120 ft gas-cut mud; final shut-in pressure 200 DST-04 6860-6930 Recovered 1230 ft gas-cut mud; final shut-in pressure 948 DST-05 7030-7174 Gas to surface in 8 min; no gauge; final shut-in pressure 1065
7	Equity Oil 5 Sulfur Cr.	sec. 24, T. 2 S., R. 98 W.	DST-01 4741-4836 540 ft slightly gas-cut mud; initial shut-in pressure 1195; final shut-in pressure 1093 after 1 h
8	Equity Oil 2 Johnson	sec. 21, T. 2 S., R. 97 W.	DST-01 4741-4836 540 ft slightly gas-cut mud; initial shut-in pressure 1195; final shut-in pressure 1093 after 1 h
9	Mobil Oil 68-11	sec. 19, T. 2 S., R. 97 W.	DST-01 4741-4836 540 ft slightly gas-cut mud; initial shut-in pressure 1195; final shut-in pressure 1093 after 1 h
10	Mobil Oil 52-19-0 Piceance Cr.	sec. 13, T. 2 S., R. 97 W.	DST-01 6977-7101 1706 ft highly gas-cut mud; gas to surface at 749,000 cubic ft per day; initial shut-in pressure 2671 after 30 min; final shut-in pressure 2432 after 1 h, 20 min DST-02 7922-8085 16.75 barrels gas-cut mud; initial shut-in pressure 2066 after 30 min; final shut-in pressure 1851 after 3 h; flowed 331,000 cubic ft gas per day with 3/4-inch choke DST-03 8899-8982 910 ft gas-cut mud; gas to surface at 2,060,000 cubic ft gas per day; initial shut-in pressure 3302 after 1 h, 1 min; final shut-in pressure 1819 after 1 h, 30 min DST-04 8989-9065 Misrun DST-05A 9004-9065 100 ft gas-cut mud; gas to surface in 6 min; initial shut-in pressure 360 after 1 h; final shut-in pressure 638 after 4 h, 2 min DST-05 9438-9584 Misrun DST-05A 9423-9589 22.5 barrels gas-cut mud; gas to surface at 749,000 cubic ft gas per day; initial shut-in pressure 3829 after 1 h; final shut-in pressure 3176 after 4 h, 2 min
11	Mobil Oil 52-19-0 Piceance Cr.	sec. 13, T. 2 S., R. 97 W.	DST-01 6977-7101 1706 ft highly gas-cut mud; gas to surface at 749,000 cubic ft per day; initial shut-in pressure 2671 after 30 min; final shut-in pressure 2432 after 1 h, 20 min DST-02 7922-8085 16.75 barrels gas-cut mud; initial shut-in pressure 2066 after 30 min; final shut-in pressure 1851 after 3 h; flowed 331,000 cubic ft gas per day with 3/4-inch choke DST-03 8899-8982 910 ft gas-cut mud; gas to surface at 2,060,000 cubic ft gas per day; initial shut-in pressure 3302 after 1 h, 1 min; final shut-in pressure 1819 after 1 h, 30 min DST-04 8989-9065 Misrun DST-05A 9004-9065 100 ft gas-cut mud; gas to surface in 6 min; initial shut-in pressure 360 after 1 h; final shut-in pressure 638 after 4 h, 2 min DST-05 9438-9584 Misrun DST-05A 9423-9589 22.5 barrels gas-cut mud; gas to surface at 749,000 cubic ft gas per day; initial shut-in pressure 3829 after 1 h; final shut-in pressure 3176 after 4 h, 2 min
12	General Petroleum 84 Govt.	sec. 15, T. 2 S., R. 96 W.	DST-01 3210-3277 1950 ft sulfur water DST-02 3299-3327 1650 ft water DST-03 3400-3429 1620 ft pH water
13	General Petroleum 27-8 Govt.	sec. 8, T. 2 S., R. 95 W.	DST-01 3210-3277 1950 ft sulfur water DST-02 3299-3327 1650 ft water DST-03 3400-3429 1620 ft pH water

MEASURED SECTION AND DRILL HOLES

CROSS SECTION C-C' OF UPPER CRETACEOUS AND LOWER TERTIARY ROCKS, NORTHERN PICEANCE CREEK BASIN, COLORADO

By  
Ronald C. Johnson  
1979



3 1818 00142656 8

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1979  
For sale by Branch of Distribution, U.S. Geological Survey,  
Box 2086, Federal Center, Denver, CO 80202