

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Catalog of Drilling-Mud-Weight Histories for Selected Wells,
Northern Green River Basin, Wyoming, Volume 2

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Open-File Report 90-262

March 1990

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

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Introduction

The drilling mud-weight histories presented in this report were collected as part of a study of the areal and stratigraphic distribution of overpressuring in the northern Green River basin, Wyoming. This report contains data from wells in the same general area covered in Part One of this catalog (Prensky, 1989) data but which became available to the author subsequent to the preparation of that report. Mud-weight data were culled from data submitted to the Wyoming Oil and Gas Commission by the well-operator (Petroleum Information, 1989). The source of mud-weight data for each well is indicated. Formation tops and casing points are included when available in the original source of data. Mud-weight data are presented in the following format:

Depth	Mud	Comments
	weight	
ft	lb/gal	

References

- Petroleum Information Corporation, 1989, Geo-Fiche, Wyoming: Denver, microfiche.
- Prensky, S.E., 1989, Catalog of drilling-mud-weight histories for selected wells, northern Green River basin, Wyoming: U.S. Geological Survey Open-File Report 89-88, 212 p.

Woods Petroleum Corportion
1 Steamboat Mountain Unit
sec. 3, T. 23 N., R. 102 W.
Drilling Reports

1,517		Drilling with water
2,104		water
2,690		water
2,874		water
3,869		water
4,602		water
5,228		water
5,598		water
6,105	8.4	
6,499	8.7	
6,938	8.6	
7,260	8.7	
7,589	8.7	
7,886	8.7	
8,126	8.7	
8,386	8.7	
8,678	8.8	
8,884	8.7	
9,265	8.7	
9,600	8.8	
9,891	8.8	
10,163	8.8	
10,319	8.8	
10,396	9.1	DST
10,544	9.1	
10,809	9.2	
11,086	9.3	
11,349	9.4	
11,585	9.4	
11,710		1st Frontier
11,723	9.4	
11,890	9.4	DST
11,966	9.5	
12,126	9.5	
12,257	9.5	
12,400	9.4	
12,526	9.5	
12,670	9.5	DST
12,695	9.5	
12,829	9.4	
12,954	9.6	
13,033	9.6	TD

Woods Petroleum Corporation
2 Steamboat Mountain Unit
sec. 4, T. 23 N., R. 102 W.
Drilling Reports

135		Drilling with water
1,124		water
2,605	8.8	Casing
2,975		Drilling with water
4,475		water
5,301	8.5	
5,870	8.6	
6,133	8.6	DST
6,465	8.6	
6,961	8.6	
7,385	8.5	
7,784	8.5	
8,100	8.7	
8,605	8.7	
8,880	8.7	
9,202	8.8	
9,474	8.9	
9,649	8.9	
9,899	8.9	
10,135	8.9	
10,301	9.0	
10,325	9.0	DST
10,590	9.0	
10,767	9.1	
11,066	9.0	
11,455	9.1	
11,640		1st Frontier
11,770	9.2	
11,841	9.2	DST, 2nd Frontier
12,040	9.3	
12,257	9.2	
12,388	9.0	
12,640	9.1	
12,780	9.2	
12,850	9.3	
12,859		TD

Woods Petroleum Corporation
4 Steamboat Mountain Unit
sec. 11, T. 23 N., R. 102 W.
Drilling Reports

		Drilling with water (?)
2,937		Casing
5,810	8.7	
5,966	8.6	
6,441	8.6	
7,560	8.5	
7,785	8.4	
8,142	8.5	
8,472	8.5	
8,802	8.5	
9,135	9.5	
9,372	8.5	
9,880	9.0	
10,134	9.0	
10,375	9.0	
10,563	9.1	
10,723	9.1	
10,995	9.0	
11,295	9.2	
11,591	9.2	
11,842	9.2	
12,092	9.3	DST
12,249	9.4	
12,418	9.8	
12,540	9.8	
12,622	9.8	
12,753	9.7	
12,892	9.9	
12,989	10.2	
13,025	10.2	TD

Aquitaine Oil Corporation
13-3 Amoco Federal
sec. 3, T. 23 N., R. 103 W.
Drilling Reports

130		Drilling with water
472		water
600		water
1,410		water
2,560		water
3,550		water
5,080		water
5,345		water
5,630		water
5,980		water
6,315		water
6,575		water
6,815		water
7,020	8.3	
7,145	8.7	
7,460	8.9	
7,610	9.0	DST
7,800	9.0	
8,100	9.0	
8,350	9.0	
8,620	9.1	
8,876	9.1	
8,980		1st Frontier
9,120	9.1	DST
9,165		2nd Frontier
9,265	9.1	
9,460	9.3	
9,620	9.2	
9,745	9.2	
9,885	9.2	
9,940	9.2	
10,020	9.4	
10,090		TD

Aquitaine Oil Company
1-4 Federal Duncan
sec. 4, T. 23 N., R. 103 W.
Mudlog

		Drilling with water
1,640	8.4	
2,220	9.0	
2,316	9.2	
2,600	9.2	
3,050	9.3	
3,370	9.1	
3,500	9.2	
3,640	9.4	
3,780	9.4	
4,140	9.0	
4,440	8.8	
4,920	9.1	
5,240	8.9	
5,540	9.1	
5,700	9.0	
5,900	9.0	
6,145	8.9	
6,380	9.0	
6,615	9.0	
6,920	9.1	
7,115	9.1	
7,380	9.1	
7,600	9.2	
7,800	9.0	
7,980	9.0	
8,440	9.2	
8,680	9.3	
8,851		1st Frontier
8,940	9.3	
9,060		2nd Frontier
9,140	8.9	
9,205	9.0	
9,300	9.0	
9,460	9.1+	
9,580	9.1	
9,740	9.2	
9,865	9.3	
9,960	9.3	
10,015	9.4	
10,030		TD

Amax Petroleum Corporation
6-7 Nitchie Gulch Unit
sec. 7, T. 23 N., R. 103 W.
Drilling Reports

477	8.8	
530		Casing
2,250	9.4	
3,164	9.8	
3,730	9.5	
4,152	9.6	
4,545	9.5	
4,893	9.7	
5,270	9.6	
5,433	9.8	
5,735	9.8	
5,966	9.6	
6,145	9.6	
6,387	9.6	
6,680	9.8	
6,975	9.8	
7,292	9.9	
7,595	9.8	
7,650		1st Frontier
7,688	9.8	DST
7,816	9.7	
7,912	9.7	Core, DST
8,171	10.2	DST, kick
8,264	10.2	
8,298	10.3	
8,310	10.3	
8,379	10.3	
8,442	10.2	
8,501	10.3	
8,608	10.3	
8,653	10.2	DST
8,713	10.2	Core
8,736	10.2	DST
8,773	10.3	Core
8,804		DST
8,817		DST
8,950	10.4	TD

Elf Aquitaine Oil and Gas Company
 11-11 C&K Federal
 sec. 11, T. 23 N., R. 103 W.
 Mudlog

		Drilling with water
7,305	8.6	
7,325	8.5	
7,340	9.0	
7,490	9.0	
7,590	9.2	
7,615	9.2	
7,665	9.2	
7,820	9.2	
8,160	9.2	
8,260	9.2	
8,425	9.2	
8,540	9.3	
8,720	9.3	
8,900	9.4	
9,022		1st Frontier
9,154		2nd Frontier
9,160	9.5	
9,290	9.3	
9,315	9.4	
9,665	9.5	
9,735	9.5	
9,860	9.6	
10,030	9.6	
10,100	9.6	
10,220	9.6	
10,254		TD

Sohio (Luff) Petroleum Company
 10-30 Nitchie Gulch Federal
 sec 30, T. 23 N., R. 103 W.
 Geologist's Report

627		Casing
3,849	9.0	
7,536		1st Frontier
7,756		2nd Frontier
8,030	9.4	
8,100		Mowry
8,112	9.4	
8,225	9.4	
8,341	9.5	
8,398	9.4	
8,435		Dakota
8,473	9.4	
8,535	9.5	
8,671		Morrison
8,740		TD

Kenneth Luff
1-31 Federal
sec. 31, T. 23 N., R. 103 W.
Geologist's Report

410		Casing
7,250		Drilling with water
7,411		1st Frontier
7,565	9.4	
7,645		2nd Frontier
7,820	9.5	
7,870	9.5	
7,977		Mowry
8,028	9.3	
8,283	9.3	
8,315		Dakota
8,406	9.3	
8,452	9.2	
8,533	9.2	
8,550		Morrison
8,590	9.4	
8,595		TD

Kenneth Luff
2-31 Champlin
sec. 31, T. 23 N., R. 103 W.
Geologist's Report

308		Casing
7,424	9.3	
7,486		1st Frontier
7,672		2nd Frontier
7,688	9.3	
7,776	9.4	
7,917	9.3	
7,970	9.3	
8,154	9.4	
8,338	9.4	
8,401	9.3	
8,462	9.4	
8,552	9.3	
8,690		TD

Sohio Petroleum Corporation
 1 Piney Canyon Unit
 sec. 32, T. 23 N., R. 103 W.
 Geologist's Report

96	Casing
960 8.9	
3,260 9.7	
4,625 10.0	
5,775 9.7	
6,560 9.8	
7,340 10.3	
7,355	1st Frontier
7,550 10.2	
7,592	2nd Frontier
7,640 10.0	
7,834 10.1	
8,080 10.0	
8,280 10.3	
8,420 10.1	
8,556 10.0	
8,666	TD

Kenneth Luff
 4-35 Amoco-Chaplin
 sec. 35, T. 23 N., R. 103 W.
 Geologist's Report

216	Casing
	Drilling with water
7,475 9.0	
7,561 9.3	
7,723 9.1	
7,782	1st Frontier
7,909 9.3	
7,970	2nd Frontier
8,082	DST
8,243 9.3	
8,304 9.2	
8,674 9.3	
8,858	DST
8,883 9.2	
8,950	TD

Texas Oil and Gas Corporation
1 Jamieson A
sec. 1, T. 23 N., R. 104 W.
Geologist's Report

321	8.5	
1,555	8.4	
2,638	8.9	
3,129	8.5	
3,745	8.6	
4,229	9.5	
4,488	9.1	
4,817	9.2	
5,258	9.2	
5,736	9.2	
6,023	9.3	
6,438	9.3	
6,461	9.2	
6,714	9.3	
6,928	9.3	
7,186	9.3	
7,486	9.3	
7,711	9.7	
7,975	9.2	
7,983		1st Frontier
8,090	9.3	
8,142	9.4	
8,190		2nd Frontier
8,349	9.5	
8,363	9.4	
8,422	9.2	
8,427	9.3	
8,512	9.2	
8,709	9.2	
8,902	9.4	
9,027	9.4	
9,107	9.4	
9,245	9.4	
9,308	9.3	TD

FMC Corporation
1-36 Boar's Tusk State
sec. 36, R. 23 N., R. 104 W.
Drilling Reports

985	Casing
1,279	Drilling with gel water
2,115	water
3,154	water
3,525	water
3,898	water
4,095	water
4,485	water
5,030	water
5,530	water
5,640	water
5,991	water
6,318	water
6,634	water
6,880	water
7,065	water
7,431	water
7,627	water
7,727	1st Frontier
7,880	water
7,950	2nd Frontier
8,162	water
8,380	water
8,565	water
8,803	water
8,900	TD, water

True Oil Company
 13-16 Goodstein State
 sec. 16, T. 23 N., R. 112 W.
 Geologist's Report

5,236	9.2	
5,721	8.5	
6,098	10.4	
6,367	10.4	
6,598	10.4	
6,808	10.5	
6,990	10.5	
7,066	10.3	
7,186	10.5	
7,334	10.2	
7,477	10.3	
7,623	10.2	
7,732	10.4	
7,888	10.5	
8,108	10.4	
8,305	10.3	
8,511	10.4	
8,713	10.4	
8,893	10.4	
9,035	10.4	
9,252	10.3	
9,448	10.3	
9,666	10.1	
9,836	10.4	
9,963	10.3	
10,140	10.4	
10,205		1st Frontier
10,316	10.2	
10,386		2nd Frontier
10,551	10.4	
10,595	10.4	
10,610		TD

Amoco Production Company
 12 Shute Creek Unit
 sec. 19, T. 23 N., R. 112 W.
 Drilling Reports

		Drilling with water
1,500		Casing
10,018	9.4	
10,375	9.2	
10,533	10.6	
10,577	10.5	
10,584		2nd Frontier
10,890	10.5	
11,000	10.5	TD

Woods Petroleum Corporation
1 Saddle Bag Unit
sec. 22, T. 24 N., R. 100 W.
Drilling Reports

		Missing data
15,193	12.3	12.3 kick
15,279		1st Frontier
15,340	12.3	11.3
15,492	12.4	11.6
15,554		2nd Frontier
15,621	12.6	11.3
15,641	12.9	11.8
15,698	13.0	12.6
15,737	13.0	12.4
15,848	13.0	12.6
15,959	13.0	12.5
16,019	13.0	12.6
16,057	13.0	12.5
16,135	13.0	12.4
16,213	12.9	12.6
16,286	12.9	12.1
16,380	13.2	12.6
16,469	13.2	12.6
16,531	14.5	12.9
16,542	14.7	14.0
16,566		TD

Woods Petroleum Corporation
4 Treasure Unit
sec. 28, T. 24 N., R. 101 W.
Mudlog

	Drilling with water	14,400 12.6	
6,920 8.7		14,440 13.0	
7,120 8.7		14,500 13.0	
8,100 8.7		14,580 13.0	
8,260 8.9		14,680 13.0	
8,520 8.9		14,740 12.9	
8,860 8.9		14,820 12.7	
9,000 8.9		14,880 12.6	
9,180 8.2		14,930	TD
9,300 8.9			
9,440 8.8			
9,560 8.8			
9,560 8.8			
9,640 8.8			
9,740 8.8			
9,880 8.8			
10,020 8.8			
10,180 9.0			
10,400 9.0			
10,640 9.0			
10,780 9.0			
10,920 9.0			
11,020 9.0			
11,100 9.1			
11,260 9.0			
11,400 9.1			
11,560 9.1			
11,720 9.1			
11,820 9.1			
11,960 9.1			
12,060 9.1			
12,220 9.1			
12,320 9.1			
12,500 9.1			
12,640 9.1			
12,800 9.2			
12,960 9.2			
13,080 9.2			
13,160 9.2			
13,300 9.2			
13,400 9.2			
13,520 9.2			
13,650	1st Frontier		
13,700 9.2			
13,780 9.3	2nd Frontier		
13,860 9.5			
13,960 10.5			
14,000 11.2			
14,040 11.6			
14,100 11.4			
14,180 11.4			
14,240 11.4			
14,300 11.9			
14,380 11.7			

Woods Petroleum Corporation
2 Rim Rock Unit
sec. 16, T. 24 N., R. 103 W.
Drilling Reports

3,304		Drilling with water
3,330	8.9	Casing
4,103	8.4	Drilling with water
4,243	8.4	
4,406	8.4	
4,578	8.3	
4,887	8.4	
5,156	8.4	
5,369	8.4	
5,502	8.4	
6,594	8.8	
6,734	8.9	
6,910	8.9	
7,007	8.9	
7,120	9.0	
7,225	9.2	
7,660	9.1	
8,137	9.0	
8,521	9.1	
		Mudlog
8,900	9.2	
9,080	8.9	
9,340	8.9	
9,600	9.0	
10,020	8.9	
10,300	9.1	
10,480	9.1	
10,660	9.1	
10,860	9.2	
10,927		1st Frontier
11,060	9.1	
11,117		2nd Frontier
11,220	9.4	
11,260	9.3	
11,300	9.3	
11,360	9.3	
11,400	9.5	
11,740	9.3	
11,940	9.6	
12,160	9.9	
12,230	9.9	TD

Woods Petroleum Corporation
21-1 Federal
sec. 21, T. 24 N., R. 103 W.
Drilling Reports

3,382		Drilling with water
7,377	8.4	Casing
7,580	8.4	
7,880	8.5	
8,118	8.6	
8,322	8.8	
8,525	8.7	
8,677	8.9	
8,944	8.9	
9,280	8.9	
9,590	8.9	
9,835	9.0	
10,105	9.1	
10,214	9.1	
10,425	9.1	
10,646	9.1	
10,882	9.0	
11,108	9.1	
11,116	9.2	
11,170	9.1	DST
11,360	9.0	
11,540	9.1	
11,683	9.2	
11,794	10.3	Gas kick
11,815	13.5	
11,904	13.3	
11,989	13.4	
12,039	13.5	
12,042	13.4	TD

Terra Resources, Inc.
30-31 North Nitchie
sec. 31, T. 24 N., R. 103 W.
Mudlog

8,215	8.9	
8,315	8.9	
8,338		1st Frontier
8,395	8.9	
8,409		DST
8,536		2nd Frontier
8,550	9.1	
8,590	9.1	
8,695	9.1	
8,703		DST
8,725	9.1	
8,785	9.1	DST
8,911		Aspen
9,155	9.2	
9,245		Dakota
9,305	9.2	
9,360	9.1	
9,456		Morrison
9,480	9.1	
9,510	9.1	
9,523		TD

Terra Resources, Inc.
40-25 North Nitchie
sec. 25, T. 24 N., R. 104 W.
Drilling Reports

1,205	8.9	
1,990	9.2	
2,307	9.2	Casing
3,400	8.4	
4,381	8.5	
4,709		Baxter
5,216	8.5	
5,730	8.5	
6,225	8.4	
6,440	8.4	
6,657	8.3	
7,072	8.3	
7,528	8.3	
8,024	8.4	
8,198	8.8	
8,356	8.9	
8,669	9.1	
8,806		1st Frontier
8,959	9.1	
9,014		2nd Frontier
9,058	9.1	
9,125	9.1	
9,188	9.1	
9,260	9.1	
9,393		Aspen
9,481	9.1	
9,747		Dakota
9,767	9.1	
9,957	9.1+	
10,003		Morrison
10,049	9.1	TD

Florida Gas Exploration
1 Goodstein Federal
sec. 35, T. 24 N., R. 104 W.
Mudlog

7,000	8.8	
7,140	9.0	
7,320	9.1	
7,500	9.1	
7,560	9.1	
7,900	9.1	
8,000	9.1	
8,140	8.9	
8,320	8.9	
8,460	9.1	
8,660	9.1	
8,740	9.1	
8,840	9.4	
8,980		1st Frontier
9,000	9.3	
9,120	9.3	
9,204		2nd Frontier
9,220	9.3	
9,320	9.3	
9,360	9.0	
9,460	9.2	
9,560	9.1	
9,700	9.1	
9,780	9.2	
10,000	9.1	
10,114		TD

Terra Resources, Inc.
20-36 North Nitchie
sec. 36, T. 24 N., R. 104 W.
Mudlog

8,405	8.8	
8,450	9.0	
8,465		1st Frontier
8,530	9.0	
8,640	9.0+	
8,660		2nd Frontier
8,810	9.2	
8,840	9.2	
8,905	9.3	
8,970	9.2	
9,077		Aspen
9,085	9.1	
9,150	9.2	
9,200	9.2	
9,245	9.3	
9,305	9.3	
9,355	9.2	
9,412		Dakota
9,505	9.3	
9,560	9.3	
9,600	9.3	
9,618		Morrison
9,645	9.3	
9,650		TD

Energetics, Inc.
 30-2 Blue Forest Unit
 sec. 2, T. 24 N., R. 110 W.
 Geologist's Report

	Drilling with water
9,874	1st Frontier
10,800	Mud up
10,812	2nd Frontier
10,920 10.3	
11,176 10.3	
11,409 10.2	
11,525 10.4	
11,609 10.5	
11,747 10.4	
11,905 10.5	
12,025 10.5	
12,140 10.5 TD	

General Atlantic Energy Corporation
 23-4 Blue Forest Unit
 sec. 4, T. 24 N., R. 110 W.
 Geologist's Report

9,384	1st Frontier
10,078 9.6	
10,339	2nd Frontier
10,385 10.2	
10,583 10.2	
10,643 10.2	
11,035 10.1	
11,070 10.1	
11,255 10.2	
11,380 10.2	
11,444 10.2	
11,600 10.2	
11,660 TD	

General Atlantic Energy Corporation
 23-4 Blue Forest Unit
 sec. 4, T. 24 N., R. 110 W.
 Drilling Reports

1,512	Casing
2,460 8.3+	
4,266 8.5	
5,360 8.6	
6,498 8.6	
7,197 8.5+	
8,127 8.6	
9,160 8.6	
9,384	1st Frontier
9,917 8.6	
10,115 9.6	
10,339	2nd Frontier
10,930 10.2	
10,583 10.2	
10,643 10.2	
10,881 10.2	
11,040 10.1	
11,258 10.2	
11,380 10.2	
11,442 10.2	
11,600 10.2	
11,660 10.4	TD

General Atlantic Energy Corporation
 12-18 Blue Forest Unit
 sec. 18, T. 24 N., R. 110 W.
 Geologist's Report

8,589 8.3	
8,946	1st Frontier
9,180 8.3	
9,850 9.8	
9,894	2nd Frontier
9,968 9.8	
10,082 10.2	
10,132 10.2	
10,208 10.3	
10,384 10.2	
10,605 10.3	
10,872 10.4	
10,954 10.5	
10,969 10.5	
11,022 10.5	
11,162 10.4	
11,170	TD

C&K Petroleum, Inc.
 2 Lincoln Road Unit
 sec. 3, T. 24 N., R. 111 W.
 Drilling Reports

1,502	Casing
	Drilling with Water
9,000	Mud up
9,102	1st Frontier
9,278 9.0	
9,438 10.4	
9,464	2nd Frontier
9,560 10.7	Coring
9,620 11.7	Coring
9,679 11.0	DST
9,801 11.0	
9,954 11.0	TD

C&K Petroleum, Inc.
 4 Lincoln Road Unit
 sec. 5, T. 24 N., R. 111 W.
 Geologist's Report

1,488	Casing
	Drilling with water
8,400	Mud up
8,940	1st Frontier
8,976 9.3	
9,166 9.9	
9,287 10.5	
9,355 10.5	
9,422 10.6	
9,468 10.7	
9,700	TD

Thermal Exploration
2-8 Raptor Unit
sec. 8, T. 24 N., R. 111 W.
Drilling Reports

710	Drilling with native mud
8,640	1st Frontier
9,340	Mud up
9,587	2nd Frontier
9,601 10.2	
9,772 10.2	
10,003 10.3	
10,159 10.2	
10,309 10.4	
10,440 10.4	
10,520 10.4	
10,665 10.8	
10,813 10.8	
10,953 10.9	TD

General Atlantic Energy Corporation
22-13 Blue Forest Unit
sec. 13, T. 24 N., R. 111 W.
Drilling Reports

1,015 8.4	
1,415 8.4	Casing
1,725 8.4	
3,500 8.4	
	Missing data
8,800	1st Frontier
9,720	2nd Frontier
10,000 10.3	
10,600 10.3	
10,768 10.4+	
10,838 10.4+	
10,898 10.4	
11,096	TD

General Atlantic Energy Corporation
 22-14 Blue Forest Unit
 sec. 14, T. 24 N., R. 111 W.
 Drilling Reports

281	8.4	
1,408	8.4	Casing
2,035	8.4	
4,215	8.4	
5,331	8.4	
6,145	8.4	
7,641	8.4	
8,712		1st Frontier
8,887	8.5	
9,616		2nd Frontier
9,702	8.4	
9,990	9.5	
		Missing data
10,990		TD

ANR Production Company
 1-17 Raptor Unit
 sec. 17, T. 24 N., R. 111 W.
 Geologist's Report

8,710		1st Frontier
9,275	8.9	
9,481	9.3	
9,650		2nd Frontier
9,766	10.2	
10,119	10.3	
10,345	10.3	
10,476	10.3+	
10,581	10.3	
10,730	10.8+	
10,813	10.8	
10,878	10.8+	
10,960	10.9	TD

General Atlantic Energy Corporation
20-23 Federal
sec. 23, T. 24 N., R. 111 W.
Geologist's Report

1,507	8.3	
2,045	9.1	
3,088	9.4	
3,808	8.3	
5,188	8.4	
5,871	8.3	
7,329	8.3	
8,536	8.4	
8,867		1st Frontier
9,580	8.4	
9,719		Mud up
9,750	10.2	
9,814		2nd Frontier
10,015	10.3	
10,379	10.3	
10,566	10.2	
10,670	10.2	
10,865	10.4	
10,905	10.3	
10,996	10.4	
11,117	10.4	TD

Woods Petroleum Corporation
1 Citation Unit
sec. 10, T. 25 N., R. 100 W.
Drilling Reports

180		Drilling with water
1,208		water
1,651		water
2,155		water
2,730		water
3,346		water
3,513		Casing
3,530		water
4,660		water
5,537		water
5,879		water
6,895		water
7,375		water
7,736	8.6	
7,930	9.0	
8,225	9.1	
8,500	9.3	
8,760	9.3	
8,980	9.4	
9,167	9.4	
9,192	9.4	
9,305	9.2	
9,433	9.2	
9,633	9.2	
9,715	9.0	
9,850	9.1	
9,920	9.0	
9,963	9.1	
9,969	9.8	
10,029	10.3	DST
10,075	10.4	
10,235	10.3	
10,340	10.3	
10,448	10.3	
10,570	10.3	
10,680	10.3	
10,736	10.3	
10,787	10.3	Coring
10,805	10.2	DST
10,880	10.3	
11,000	10.4	TD

Woods Petroleum Corporation
1 Packsaddle Unit
sec. 24, T. 25 N., R. 103 W.
Mudlog

5,930	8.8
6,140	8.7
6,790	8.7
7,140	8.7
7,420	9.0
7,885	8.4
8,060	8.7
8,400	8.8
8,770	8.8
8,985	8.8
9,105	8.9
9,300	9.1?
9,815	8.9
10,115	8.9
10,400	8.9
11,060	9.0
11,300	8.9
11,620	8.9
11,965	9.1
12,330	9.0
12,605	9.1
12,810	9.3
12,900	9.3
13,265	9.4
13,530	9.5
13,650	9.5
13,900	9.7
13,930	9.5
14,110	9.5
14,255	9.4
14,325	9.5
14,435	9.8
14,570	10.5
14,780	10.4
14,835	10.6
14,850	TD

Chorney Oil Company
B-1 Lombard Canyon Unit
sec. 15, T. 25 N., R. 108 W.
Well Report

4,893	9.6	
5,609	9.5	
6,193	9.5	
6,690	9.5	
7,035	9.3	
7,281	9.2	
7,530	9.4	
7,760	9.4	
7,930		Almond
7,994	9.2	
8,209	9.2	
8,272	9.3	DST
8,400		Ericson
8,403	9.1	DST
8,491	9.2	
8,601	9.2	
8,781	9.1	
8,942		Rock Springs
8,947	9.3	
9,087	9.1	
9,180	9.2	
9,335	9.1	
9,476	9.1	TD

Energetics Incorporated
30-31 Blue Forest Unit
sec. 31, T. 25 N., R. 109 W.
Geologist's Report

	Drilling with water
9,644	1st Frontier
10,508	2nd Frontier
10,700	Mud up
10,721 10.3	
10,762	2nd Frontier, 2nd bench
10,975 9.9	
11,078 10.8	
11,299 10.7	
11,426 10.9	
11,604 11.2	
11,752 11.1	
11,885 11.2	
11,918	TD

Energetics Incorporated
32-10 Monument Butte Federal
sec. 10, T. 25 N., R. 110 W.
Geologist's Report

995	Casing
9,370	1st Frontier
10,150 8.8	
10,445	2nd Frontier
10,450 8.9	
10,801 10.1	
11,071 10.3	
11,185 10.3	
11,387 10.5	
11,546 10.6	TD

General Atlantic Energy Corporation
 44-19 Blue Forest Unit
 sec. 19, T. 25 N., R. 110 W.
 Drilling Reports

1,388	8.6	
1,436	8.6	Casing
2,400	8.5	
3,800	8.5	
4,925	8.5	
5,190	8.5	
7,303	8.4	
8,667		1st Frontier
8,870	8.3	
9,638		2nd Frontier
9,650	8.7	
10,080	10.5	
10,343	10.5	
10,545	10.6	
10,682	10.5	
10,875	10.5	
10,976	10.5	TD

General Atlantic Energy Corporation
 32-33 Blue Forest Unit
 sec. 33, T. 25 N., R. 110 W.
 Geologist's Report

1,431		Casing
		Drilling with water
9,068		1st Frontier
9,837	8.3	
9,900		Mud up
10,035		2nd Frontier
10,480	10.5	
10,632		Mowry
10,720	10.4	
10,825	10.4	
10,977	10.4	
11,083		Dakota Silt
11,110		Dakota Sand
11,137	10.6	
11,265	10.6	
11,320		Morrison
11,345	10.6	TD

Terra Resources Incorporated
1-36 Blue Forest unit
sec. 36, T. 25 N., R. 110 W.
Mudlog

1,202	Casing
	Drilling with water
9,697	1st Frontier
10,452	Mud up [for 2nd Frontier]
10,630 9.9	
10,655	2nd Frontier
10,770 10.4	
10,802 10.4	
10,854 10.5	
10,896 10.5	
10,940 10.5	
10,970	TD

Terra Resources Incorporated
30-3 Buckhorn Canyon
sec. 3, T. 25 N., R. 111 W.
Drilling Reports

1,000 8.3	Casing
1,910 8.3	
3,734 8.4	
4,686 8.4+	
4,840	Hilliard
5,066 8.5	
6,277 8.5+	
7,538 8.6	
8,692 8.5+	
8,700	Mud up
8,956	2nd Frontier
9,125 10.2	
9,325 10.4	
9,338 10.4	TD

Terra Resources Incorporated
 40-3 Buckhorn Canyon
 sec. 3, T. 25 N., R. 111 W.
 Drilling Reports

675	8.3	
1,002	8.3	Casing
2,590	8.3	
4,386	8.4	
5,342	8.4	
6,018	8.5	
6,940	8.4	
8,230	8.6	
8,919	8.9	
9,030		2nd Frontier
9,294	10.5	
9,460	10.5+	TD

Terra Resources Incorporated
 10-9 Buckhorn Canyon
 sec. 9, T. 25 N., R. 111 W.
 Drilling Reports

1,080	9.1	
1,405	8.3	Casing
3,173	8.3	
4,416	8.4	
5,170	8.4	
5,924	8.4	
6,703	8.4	
7,060	8.4	
7,745	8.4	
8,318	8.9+	
8,573	10.1	
8,694		2nd Frontier
8,932	10.6	
9,109	11.0	TD

Energetics Incorporated
30-11 Federal
sec. 11, T. 25 N., R. 111 W.
Mudlog

7,000	8.6	
7,900	8.4	
8,350	8.5	
8,600		Drilling with water
8,950		Mud up
9,150	10.1	
9,160		2nd Frontier
9,650	10.7	
9,695		TD

Energetics Incorporated
30-12 Little Monument Unit II
sec. 12, T. 25 N., R. 111 W.
Geologist's Report

844		Casing
		Drilling with water
5,709	8.4	
6,697	8.4	
7,785	8.5	
8,258		1st Frontier
8,467	8.5	
8,930	8.4	
9,200		Mud up
9,230		2nd Frontier
9,258	10.2	
9,373	10.2	
9,577	10.2	
9,722	10.2	
9,739		Aspen
9,800		TD

Energetics Incorporated
20-16 Little Monument Unit II
sec. 16, T. 25 N., R. 111 W.
Geologist's Report

868		Casing
		Drilling with water
7,944		1st Frontier
8,512	8.7	
8,800		Mud up
8,910	9.5	
8,920		2nd Frontier
9,215	10.2	
9,368		Aspen
9,435		TD

Energetics Incorporated
30-16 Little Monument Unit II
sec. 16, T. 25 N., R. 111 W.
Geologist's Report

869		Casing
		Drilling with water
7,912		1st Frontier
8,258	8.4	
8,713	8.4	
8,800		Mud up
8,891		2nd Frontier
8,974	10.0	
9,353	10.2	
9,450		TD

Terra Resources Incorporated
 2-17 Anderson Canyon
 sec. 17, T. 25 N., R. 111 W.
 Drilling Reports

145	8.3	
1,312	8.5	Casing
1,539	8.5	
2,940	8.4	
4,458	8.4	
4,748		Hilliard
5,159	8.5	
6,135	8.5	
6,797	8.5	
7,551	8.4	
8,136	8.6	
8,800	10.0	
8,838		2nd Frontier
8,948	10.4	
9,150	10.5	TD

Energetics Incorporated
 20-21 Little Monument Federal
 sec. 21, T. 25 N., R. 111 W.
 Geologist's Report

892		Casing
		Drilling with water
		1st Frontier
7,992		
8,470	8.5	
8,800	8.5	
8,972		2nd Frontier
9,050		Mud up
9,278	10.0	
9,471		Aspen
9,510	10.1	TD

Energetics Incorporated
30-21 Little Monument Unit II
sec. 21, T. 25 N., R. 111 W.
Geologist's Report

832	Casing
	Drilling with water
7,958	1st Frontier
8,868	Mud up
8,899 10.0	
8,933	2nd Frontier
9,375	Aspen
9,460 10.2	TD

Energetics Incorporated
20-22 Little Monument Unit II
sec. 22, T. 25 N., R. 111 w.
Geologist's Report

851	Casing
	Drilling with water
8,112	1st Frontier
8,302 8.5	
9,000	Mud up
9,089	2nd Frontier
9,144 10.2	
9,293 10.1	
9,572	Aspen
9,650 10.2	TD

Energetics Incorporated
30-22 Little Monument Unit II Federal
sec. 22, T. 25 N., R. 111 W.
Geologist's Report

1,029		Casing
		Drilling with water
6,965	8.4	
7,918	8.4	
8,104		1st Frontier
8,235	8.5	
8,800		Mud up
9,078		2nd Frontier
9,128	10.1	
9,255	10.4	
9,666	10.3	
9,683		TD

Energetics Incorporated
20-23 Little Monument Unit II
sec. 23, T. 25 N., R. 111 W.
Geologist's Report

822		Casing
		Drilling with water
		1st Frontier
8,238		
8,414	8.8	
9,200		Mud up
9,218		2nd Frontier
9,449	10.0	
9,717	10.5	Aspen
9,771		TD

Energetics Incorporated
 30-23 Little Monument Unit II
 sec. 23, T. 25 N., R. 111 W.
 Geologist's Report

970	Casing
8,231	1st Frontier
8,803 8.5	
8,900	Mud up
9,186	2nd Frontier
9,260 10.2	
9,670 10.6	
9,712	Aspen
9,770 10.7	TD

Energetics Incorporated
 20-26 Little Monument Unit II
 sec. 26, T. 25 N., R. 11 w.
 Mudlog

	Drilling with water
7,525 8.5	
7,775 8.4	
8,275 8.4	
8,306	1st Frontier
9,000	Mud up
9,125 10.1	
9,290	2nd Frontier
9,818	TD

Energetics Incorporated
20-27 Little Monument Unit Federal
sec. 27, T. 25 N., R. 111 W.
Geologist's Report

910		Casing
		Drilling with water
8,155		1st Frontier
8,701	9.2	
9,080	9.1	
9,100		Mud up
9,134		2nd Frontier
9,490	10.2	
9,626		Aspen
9,670	10.2	TD

Energetics Incorporated
20-28 Little Monument Unit Federal
sec. 28, T. 25 N., R. 111 W.
Geologist's Report

818		Casing
		Drilling with water
8,134	8.5	
8,086		1st Frontier
8,800		Mud up
9,065		2nd Frontier
9,070	10.2	
9,083	10.2	
9,321	10.4	
9,560		Aspen
9,620	10.4	TD

Energetics Incorporated
30-28 Little Monument Unit Federal
sec. 28, T. 25 N., R. 111 W.
Geologist's Report

861		Casing
		Drilling with water
8,080		1st Frontier
8,355	8.4	
8,800	8.5	
9,048		2nd Frontier
9,184	10.0	
9,610	10.2	TD

Energetics Incorporated
10-5 Hanson Federal
sec. 5, T.26 N., R. 111 W.
Geologist's Report

836		Casing
		Drilling with water
6,830	8.4	
7,603	8.5	
7,644		1st Frontier
8,162	8.4	
8,600	8.4	
8,650		Mud up
8,652		2nd Frontier
8,852	10.2	
9,147		Aspen
9,167	10.2	
9,421		Bear River
9,459	10.2	
9,600		Mowry
9,665	10.2	TD

Terra Resources Incorporated
 10-21A North Anderson Canyon
 sec. 21, T. 26, N., R. 111 W.
 Drilling Reports

413	8.3	
1,100	8.3	Casing
1,367	8.3	Drilling with water
3,583	8.3	
4,564	8.4	
5,141	8.4	
6,155	8.4+	
7,455	8.4+	
8,222	8.4+	
8,524	9.0	
8,780		2nd Frontier
8,788	10.3	
9,096	10.5	
9,150	10.5	TD

Energetics Incorporated
 40-28 Beck Federal
 sec. 28, T. 26 N., R. 111 W.
 Geologist's Report

924	Casing
	Drilling with water
7,748	1st Frontier
8,400	Mud up
8,751	2nd Frontier
9,260	Aspen
9,513	Bear River
9,640	Mowry
9,780 10.3	TD

Terra Resources Incorporated
40-30 North Anderson Canyon
sec. 30, T. 26 N., R. 111 W.
Drilling Reports

920	9.1	
1,298	9.1	Casing
		Drilling with water
3,081		water
4,091		water
4,390		Hilliard
4,982		water
5,684		water
6,202		water
6,978		water
7,718		water
8,150		Mud up
8,245		water
8,351	8.9	
8,418		2nd Frontier
8,688	10.1	
8,830	10.1	TD

Pacific Transmission Supply Company
32-31 Federal
sec. 31, T. 26 N., R. 111 W.
Geologist's Report

1,015		Casing
		Drilling with water
2,467		water
3,776		water
4,510		water
5,080		water
5,190		Hilliard
5,580		water
6,050		water
6,495		water
6,691		Mud up
7,450		DST
7,710	9.1	
7,987		1st Frontier
8,010	9.2	
8,260	10.0	
8,475	10.1	Core
8,478		2nd Frontier
8,585	10.1	
8,800		TD

Natural Gas of California
 14-32 Federal
 sec. 32, T. 26 N., R. 111 W.
 Geologist's Report

160	8.7	
703	8.8	
1,027	9.4	Casing
1,046		Drilling with water
2,509		water
3,617		water
4,610	8.6+	
5,335	8.6	
5,360		Hilliard
5,727	8.5+	
5,790	9.0	
6,402	8.5+	
6,677	9.0	
7,002	8.6	
7,570	8.6+	
8,116		1st Frontier
8,152	8.5	
8,540	9.4	
8,608		2nd Frontier
8,929		TD

Belco Petroleum Corporation
 23-5 East LaBarge Unit
 sec. 5, T. 26 N., R. 112 W.
 Geologist's Report

508		Casing
1,472		Drilling with water
2,360		water?
2,364	11.4	Mud up
2,783	11.1	well flowing water; killed
3,034	11.7	
3,306	11.4	
3,496		Hilliard
3,583	11.5	
3,853	11.2	
4,165	11.2	
4,450	11.2	
4,657	11.3	
4,900	11.3	
5,170	11.2	
5,525	11.2	
5,791	11.3	
6,030	11.3	
6,312	11.2	
6,386		1st Frontier
6,463	11.1	
6,740	11.3	
6,836		2nd Frontier
7,092	11.1	
7,142	11.3	
7,263		TD

Natural Gas Corporation of California
 22-22B Fontenelle Federal
 sec. 22, T. 26 N., R. 112 W.
 Geologist's Report

931	Casing
3,265	Drilling with water
3,696	water
4,576	water
5,346	water
6,006	water
6,760	water
6,986	1st Frontier
7,278	water
7,518	2nd Frontier
7,596 9.0	Core
7,728 9.5	
8,033 9.4	
8,269 9.5	
8,444 9.6	
8,651 9.4	
8,864 9.4	Core
8,945 9.6	
9,030 9.9+	TD

Pacific Transmission Supply Company
 34-28 Eubank Cattle Company
 sec. 28, T. 26 N., R. 112 W.
 Geologist's Report

297 8.8	
	Drilling with water
984 9.8	
1,114 10.2	
1,566 10.5	
1,933 10.9	
2,148 11.1	
2,565 11.1	
3,055 11.6	
3,450 11.0	
3,706 10.9	
	missing data
7,526	2nd Frontier
7,948	TD

Belco Petroleum Corporation
55-1 Green River Bend Unit
sec. 1, T. 26 N., R. 113 W.
Geologist's Report

123	Casing
509	Drilling with water
1,538	water
2,280	water
2,661	Casing
3,192	water
3,428	Hilliard
3,616	water
4,030	water
4,431	water
4,699	water
5,056	water
5,378	water
5,709	water
6,032	water
6,200	water, mud up
6,344	1st Frontier
6,596 10.6	
6,832	2nd Frontier
6,841 11.1	
7,110 11.3	
7,231 11.2	
7,404 11.3	Mowry
7,504 11.2	
7,629 11.3	
7,655	Muddy sand
7,735 11.3	TD

Belco Petroleum Corporation
110-9 BNG
sec. 9, T. 26 N., R. 113 W.
Geologist's Report

316	Casing
419	Drilling with water
776 9.1	
1,584 9.2	
1,863 9.3	
2,228 9.3	
2,660 9.2	
3,391 9.9	
3,635	Hilliard
4,000 9.6	
4,623 9.5	
4,939 9.7	
5,357 9.2	
5,740 9.3	
5,884 9.3	
6,022 9.4	
6,244 9.2	
6,681 9.2	
6,760	1st Frontier
6,882 9.6	
7,018 9.6	
7,217	2nd Frontier
7,606 10.5	
7,650	Mowry
7,858 10.5	
8,050	Muddy Silt
8,061 10.7	
8,135	Muddy Sand
8,250 10.7	TD

FMC Corporation
13X-24 Hyrum Ditch
sec. 24, T. 26 N., R. 113 W.
Drilling Reports

430		Drilling with water
962		water
993		water; Casing
1,370		water
1,840		water
2,435		water
2,704	8.8	gel water
3,295	9.1	
3,595	9.1	
3,912	9.5	
3,952		Hilliard
4,168	9.4	
4,437	9.7	
4,537	9.3	
4,664	9.5	
4,838	9.3	
5,100	9.4	
5,330	9.4	
5,344	9.4	
5,608	9.3	
5,908	9.3	
6,214	9.3	
6,348	9.3	
6,685	9.5	
6,945	9.6	
7,151	9.6	
7,190		1st Frontier
7,347	9.6	
7,526	9.2	
7,673	10.4	
7,687		2nd Frontier
7,713	10.3	
7,824	10.1	
7,964	10.1	
8,010	10.5	
8,119	10.5	TD

FMC Corporation
42X-25 Hyrum Ditch
sec. 25, T. 26 N., R. 113 W.
Geologist's Report

1,010		Casing
2,704	9.5	
3,016	9.4	
3,425	9.3	
3,830	9.5	
3,920	9.2	
4,580	8.9	
4,856	8.9	
4,874	9.1	
5,327	8.9	
5,741	8.9	
6,142	9.1	
6,364	9.1	
6,682	9.2	
7,524	9.1	
7,655		1st Frontier
7,664	9.2	
7,893	9.3	
8,079	10.2	
8,087		2nd Frontier
8,367	10.5	
8,542		TD

Christmann & Associates
1-16 Miller Mountain State
sec. 16, T. 26 N., R. 114 W.
Drilling Reports

617	9.3		6,861	10.4	11,326	10.7	
1,040	9.5		6,966	10.4	11,422	10.6	
1,300	9.5		7,050	10.4	11,453		2nd Front.
1,446	9.5		7,097		11,518	10.5	
1,500		Casing			11,661	10.5	
1,785	9.0		7,146	10.4	11,773	10.5	
2,220	9.1		7,190	10.4	11,887	10.5	
2,575	9.0		7,303	10.5	12,000	10.4	
2,672		Woodside	7,350	10.4	12,110	10.7	
2,764	9.2		7,413	10.4	12,209	10.7	
2,940	9.2		7,520		12,260		Mowry
3,270	9.2		7,534	10.5	12,232	10.7	
3,440		Dinwoody	7,585	10.4	12,310	10.8	
3,445	9.1		7,733	10.4	12,374	10.7	
3,511	9.2		7,903	10.5	12,408	10.7	
3,517		Phosphoria	7,955	10.4	12,410		Muddy
3,643	9.0		8,050	10.5	12,436	10.7	
3,678	9.9		8,102	10.5	12,530	10.7	
3,766		Tensleep; fault	8,120	10.5	12,554	10.7	
			8,212	10.5	12,680	10.6	TD
3,770	10.5		8,281	10.4			
3,844		Amsden	8,340	10.5			
3,855	10.5		8,465	10.5			
3,990	10.3		8,600	10.4			
4,022		Madison	8,725	10.4			
4,090	10.3		8,855	10.5			
4,260	10.2		8,985	10.5			
4,422	10.2		9,120	10.5			
4,574	10.4		9,265	10.5			
4,720	10.4		9,400	10.4			
4,819	10.4		9,478	10.4			
4,875	10.4		9,516	10.9			
4,982		Darby	9,565	10.8			
5,025	10.4		9,626	10.8			
5,175	10.4		9,745	11.0			
5,335	10.4		9,825	11.1			
5,433		Big Horn	9,920	11.1			
5,470	10.3		9,990	11.0			
5,620	10.4		10,064	11.0			
5,868	10.5		10,120	11.0			
5,935	10.5	Gallatin	10,218	10.9			
6,000	10.6		10,295	10.8			
6,102		Park Shale	10,405	10.0			
6,110	10.4		10,515	10.8			
6,190	10.4		10,629	10.8			
6,260		Death Canyon	10,721	10.9			
6,275	10.5		10,737	10.9			
6,360	10.5		10,813	10.9			
6,404		Wolsey Shale	10,890	10.9			
6,440	10.5		10,912				1st Frontier
6,483	10.5		10,992	10.9			
6,581	10.4		11,114	10.8			
6,676	10.5		11,160	10.6			
6,760	10.5		11,240	10.6			

Amoco Production Company
1 USA Amoco A-M
sec. 6, T. 27 N., R. 111 W.
Drilling Reports

80	8.3	Drilling with water and native mud
361	8.8	
988	8.3	
2,981	8.3	
3,360	8.3	
4,060	8.3	
5,000	8.4	
5,260	8.3	
5,625	8.5	
6,381	8.3	
6,680	8.4	
7,018	8.4	
7,440	8.4	
8,138	8.4	
8,381	8.4	
8,870	8.4	
9,293	10.5	
9,499	10.6	
9,530		2nd Frontier
9,671	10.6	
9,943	10.5	
10,124	10.5	
10,180	10.5	
10,225	10.5	
10,317	10.6	
10,380	10.6	
10,415		TD

Amoco Production Company
1 USA Amoco A-E
sec. 7, T. 27 N., R. 111 W.
Drilling Reports

600	8.4	Drilling with native mud
680	8.5	
950	8.4	
1,470	8.4	
2,710	8.6	
3,900	8.4	
4,480	8.5	
5,427	8.6	
5,650	8.4	
6,286	8.7	
7,400	8.4	
7,050	8.6	
7,570	8.4	
8,085	8.4	
8,720	8.7	
8,888		2nd Frontier
9,090	10.3	kick
9,370	10.7	
9,466	10.5	
9,670	10.5	
9,805	10.6	
10,005	10.6	
10,055	10.7	
10,285		TD

Amoco Production Company
 1 USA Amoco A-I
 sec. 7, T. 27 N., R. 111 W.
 Drilling Reports

1,020	8.4	Drilling with water
4,800	8.3	Native mud
4,898	8.3	
5,131	8.3	
5,661	8.4	
6,180	8.6	
6,516	8.6	
7,401	9.0	
7,500	8.6	
7,560	8.6	
8,300	10.6	
8,490	10.7	
8,696		2nd Frontier
8,724	10.6	
8,914	10.7	
9,202	10.7	
9,455	10.7	
9,520	10.7	
9,670		TD

Energetics Incorporated
 30-8 Federal
 sec. 8, T. 27 N., R. 111 W.
 Mudlog

8,082		1st Frontier
8,700	8.6	Drilling with water
9,027	8.9	
9,086		2nd Frontier
9,224	10.2	
9,461	10.2	
9,644	10.1	
9,749	10.5	
9,937	10.8	
10,070	11.2	

Energetics Incorporated
 10-9 Crane Federal
 sec. 9, T. 27 N., R. 111 W.
 Geologist's Report

1,260		Casing
8,865	8.6	
9,221	8.5	
9,132		1st Frontier
9,700		Mud up
9,723	8.7	
10,124	10.3	
10,135		2nd Frontier
10,373	10.2	
10,612		Aspen
10,761	10.1	
10,896		Bear River
10,943	10.4	
10,990	10.4	TD

Amoco Production Company
 1 USA Amoco A-F
 sec. 18, T. 27 N., R. 111 W.
 Drilling Reports

575	8.3	Native mud
999	8.3	
1,651	8.3	
2,920	8.3	
4,579	8.4	
4,917	8.5	
5,335	8.3	
6,756	8.6	
7,200	8.5	
7,279	8.4	
7,793	8.4	
8,430		Weight up
8,524	10.6	
8,682	10.6	
8,786		2nd Frontier
8,891	10.7	
9,169	10.7	
9,420	10.6	
9,615	10.6	
9,668	10.7	
9,710	10.5	TD

Amoco Production Company
 1 USA Amoco A-G
 sec. 18, T. 27 N., R. 111 W.
 Drilling Reports

1,500	8.3	Native mud
4,000	8.4	
5,000	8.3	
5,181	8.5	
7,500	8.3	
8,500	8.3	
8,983		2nd Frontier
8,996	10.5	
9,158	10.6	
9,885	10.8	TD

Amoco Production Company
 1 USA Amoco A-L
 sec. 18, T. 27 N., R. 111 W.
 Drilling Reports

400	8.4	Native mud
730	8.7	
1,130	8.4	
3,350	8.4	
4,018	8.3	
4,820	8.5	
5,621	8.5	
5,774	8.5	
6,673	8.5	
7,000	8.4	
7,300	8.4	
7,559	8.4	
8,350	8.4	
8,700		Mud up
8,780	8.8	
9,052		2nd Frontier
9,201	10.6	
9,571	10.5	
9,695	10.5	
9,956	10.8	
10,040	10.8	TD

Amoco Production Company
 1 USA Amoco A-H
 sec. 19, T. 27 N., R. 111 W.
 Drilling Reports

5,300	8.4	Native mud
6,100	8.4	
7,150	8.4	
8,430	8.4	
9,042		Weight up
9,100		2nd Frontier
9,300	10.7	
9,548	10.9	
9,751	10.7	
9,915	10.6	
10,180	10.5	TD

Energetics Incorporated
 20-20 Federal
 sec. 20, T. 27 N., R. 111 W.
 Geologist's Report

999		Casing
8,354		1st Frontier
9,238	8.5	
9,350		Mud up
9,354		2nd Frontier
9,363	10.1	
9,541	10.4	
9,847	10.4	
9,855		Aspen
10,054	10.3	
10,129		Bear River
10,227	10.4	
10,310		Mowry
10,395	10.4	TD

Terra Resources Incorporated
1-21 Reardon Draw Federal
sec. 21, T. 27 N., R. 111 W.
Mudlog

9,025	8.7	
9,370	8.7	
9,564		1st Frontier
9,625	10.2	
9,774		2nd Frontier
10,025	10.5	
10,055		Aspen
10,150	10.3	
10,250	10.8	
10,325		Bear River
10,385	10.8	
10,520		Mowry
10,525	10.7	
10,568		TD

Terra Resources Incorporated
3-21 Reardon Draw Federal
sec. 21, T. 27 N., R. 111 W.
Drilling Reports

210	8.8	
1,418	8.8	
1,805	8.8	
3,328		Drilling with water
4,373		water
5,080		water
5,840		water
6,441		water
6,942		water
7,363		water
7,945		water
8,515		water
8,955		water
9,395		water
9,737	10.3	
9,789		Frontier
9,907	10.4	
9,996		2nd Frontier
10,138	10.3	
10,286		Aspen
10,354	10.4+	
10,481	10.4	
10,546		Bear River
10,670	10.4	
10,725		Mowry
10,850	10.2	
11,002	10.3	
11,021		Thermopolis
11,116		Dakota
11,126	10.3	
11,265	10.3	
11,326		Morrison
11,330	10.4	TD

Energetics Incorporated
40-33 Federal
sec. 33, T. 27 N., R. 111 W.
Geologist's Report

876		Casing
7,856	8.4	
8,196		1st Frontier
8,816	8.8	
9,100		Mud up
9,186		2nd Frontier
9,196	8.6	
9,442	9.8	
9,683		Aspen
9,803	10.5	
9,896	10.6	
9,942		Bear River
10,085	10.6	
10,180		TD

Diamond Shamrock Corporation
31-2 Split River Federal
sec. 2, T. 27 N., R. 112 W.
Geologist's Report

1,000	9.5	Casing
1,681	8.5	
2,768	8.5	
3,640	8.6	
4,238		Hilliard
4,378	8.6	
4,857	8.6	
5,655	8.6+	
6,083	8.6+	
6,483	8.7	
6,923	8.6+	
7,182	8.7	
7,725	8.7	
8,126		1st Frontier
8,130	8.7	
8,270	8.7	
8,434	9.1+	
8,474		2nd Frontier
8,612	9.3	
8,878		Aspen
8,926	9.6+	
9,145	9.7+	
9,188		Bear River
9,249	9.6+	
9,306	10.9+	
9,373		Mowry
9,440	11.2	TD

Mobil Oil Corporation
T73-19G Hogsback Unit
sec. 19, T. 27 N., R. 113 W.
Drilling Reports

997		Casing
2,110	8.8	
2,950	8.9	
3,315	9.1	
3,483	9.2	
3,646	9.3	
5,705	9.4	
6,097	9.3	
6,372	9.4	
7,096		1st Frontier
7,304	9.7	
7,317	9.8	
7,471	9.7	
7,548		2nd Frontier
7,753	9.9	
7,840	10.2	TD

Mobil Oil Corporation
T72X-29G Hogsback Unit A
sec. 29, T. 27 N., R. 113 W.
Well Report

333	8.6	
639	8.6	
860	8.8	
930	9.0	
1,473	8.8	
1,805	8.7	
2,056	8.9	
2,335	8.8	
2,510	8.7	
2,747	8.8	
2,956	8.9	
3,220	8.9	
3,512	9.0	
3,900	9.1	
4,115	9.3	
4,376	9.4	
5,238	9.4	
5,811	9.8	
6,197	10.1	
6,253		1st Frontier
6,368	9.9	
6,421	10.0	
6,571	10.1	
6,698	9.8	
6,767		2nd Frontier
6,856	9.8	
6,912	9.9	
7,057	9.8	
7,330	10.0	
7,506	9.8	TD

Mobil Oil Corporation
T11-31G Hogsback unit
sec. 31, T. 27 N., R. 113 W.
Drilling Reports

1,226	8.8	
1,312	9.0	
1,299		Casing
3,144		Native mud
4,308	9.2	
4,710	9.2	
5,391	9.4	
5,833	9.7	
6,053	9.5	
6,525	9.7	
7,028		1st Frontier
7,346	9.8	
7,517		2nd Frontier
7,558	9.8	
7,768	9.5	
7,933	9.8	
8,139	9.7	
8,768	9.7	
9,017	9.7	
9,148	9.8	
9,275	9.8	
9,763	9.8	
9,927	9.8	
10,065	9.9	
10,144	9.8	
10,269	9.9	
10,383	9.9	
10,624	10.0	
10,704	9.9	
10,775	9.9	
10,866	10.0	
10,995	10.0	
11,224	10.0	
11,240		TD

Mobil Oil Corporation
T28-32G Hogsback Unit
sec. 32, T. 27 N., R. 113 W.
Drilling Report

3,765		Native mud
4,375		native
5,935	9.4	
6,285	9.6	
6,297		1st Frontier
6,656	10.1	
6,760		2nd Frontier
6,791	10.2	
7,040	10.2	
7,490	10.2	
7,613	10.2	
7,790	10.2	
7,845	10.5	TD

Petroleum Incorporated
1-26 Federal
sec. 26, T. 27 N., R. 114 W.
Geologist's Report

1,059		Casing
7,410		1st Frontier
7,896	8.9	
7,913	8.9	
7,952	9.0	
7,892	9.2	
8,026		2nd Frontier
8,052	9.7	
8,063	9.7	
8,087	9.8	
8,113	9.9	
8,121	9.9	
8,169	9.7	
8,226	9.8	
8,315	9.8	
8,350	9.7	
8,363		TD

Presidio Exploration Incorporated
10-31 Federal
sec. 31, T. 28 N., R. 111 W.
Geologist's Report

2,220		Casing
8,296		1st Frontier
8,982	8.5	
9,314		2nd Frontier
9,380	9.3	
9,596	10.7	
9,742	10.8	
9,814		Mowry
10,023	10.8	
10,084		Bear River
10,283	10.7	
10,440	10.8	
10,536	10.7	
10,696		Dakota
10,708	10.8	
10,930	10.8	
10,950		TD

Diamond Shamrock Corporation
 24-35 Split River
 sec. 35, T. 28 N., R. 112 W.
 Geologist's Report

1,027	Casing
3,665	Hilliard
6,939 9.6	
7,394 9.6	
7,528 9.6	
7,751	1st Frontier
7,935 9.3	
8,087	2nd Frontier
8,180 10.2	
8,389 10.4	
8,503	Aspen
8,722 10.3	
8,824	Bear River
8,910 10.5	
8,998	Mowry
9,105 10.8	
9,132	TD

Cities Service Company
 J-1 State
 sec. 36, T. 28 N., R. 112 W.
 Drilling Reports

95	Drilling with water
730 9.2	
1,233 9.2	Casing
2,420 8.5	
3,590 8.7	
3,840 8.7	
4,370 8.8	
5,020 9.0	
5,470 8.8	
5,640 8.7	
5,760 8.6	
6,190 8.5	
6,730 8.5	
7,080 8.5	
7,340 8.5	
7,820 8.4	
8,130 8.4	
8,517 8.4	
8,595 8.3	
8,719	1st Frontier
8,812 9.1	
9,031	2nd Frontier
9,102 10.2	
9,304 10.5	
9,550 10.7	
9,753 10.7	
9,885 10.7	
10,104 10.6	
10,243 11.0	
10,395 11.1	
10,585 11.0	
10,650 11.0	TD

Belco Oil Corporation
27-34 Chimney Butte Unit
sec. 34, T. 28 N., R. 113 W.
Mudlog

2,000		Drilling with water
6,724		1st Frontier
6,800	9.5	
7,154		2nd Frontier
7,250	10.0	
7,450	10.4	TD

Mobil Oil Corporation
T54-2G Tip Top Unit
sec. 2, T. 28 N., R. 114 W.
Drilling Reports

5,470	9.4		11,777	9.8	
5,856	9.5		12,090	9.8	
6,575	10.0		12,164	9.8	
6,671	10.0		12,180	9.8	
6,751	10.1		12,372	10.0	
6,954	10.1		12,663	10.4	
7,035	10.0		12,743	10.1	
7,107	10.0		12,833	10.2	
7,200	10.0		12,886	10.3	
7,254		Casing	13,174	9.8	
7,295	10.0		13,217	10.0	
7,486	9.9		13,302	10.2	
7,541	10.0		13,367	10.1	
8,005	9.9		13,420	10.1	
8,110	10.8		13,508	10.2	
8,165	11.0		13,611	10.2	
8,253	10.8		13,678	10.3	
8,297	10.8		13,810	10.1	
8,514	10.7		14,060	10.3	
8,550	10.9		14,209	10.3	
8,635	10.8		14,351	10.2	
8,710	10.9		14,408	10.2	
8,764	10.8		14,522	10.3	
8,858	10.9		14,547	10.2	
8,962	10.9		14,580	10.2	
9,027	11.0		14,680	10.1	
9,046	10.8		14,859	10.1	
9,102	10.7		15,018	10.1	
9,313	10.7		15,403	9.8	
9,361	10.7		15,434	9.9	
10,260	10.7		15,617	9.7	TD
10,325	10.7				
10,354	10.0				
10,392	10.3				
10,407	10.2				
10,545	10.3				
10,597	10.3				
10,659	10.1				
10,695	10.2				
10,715	10.3				
10,815	10.4				
10,821	10.4				
10,867	10.4				
10,903	10.3				
10,975	10.3				
11,125	10.3				
11,160	10.3				
11,200	10.4				
11,212		Set casing @ 7,254			
11,279	9.9				
11,463	9.6				
11,544	9.6				
11,630	9.6				
11,672	9.6				

Mobil Oil Corporation
T86-11G Tip Top Unit
sec. 11, T. 28 N., R. 114 W.
Drilling Reports

130	8.6	
1,017	9.4	Casing
1,145	8.8	
1,260	8.6	
2,840	9.2	
3,801	9.4	
4,918	9.6	
5,330		1st Frontier
5,837		2nd Frontier
6,510	10.0	
6,810	10.0	
7,057	10.3	
7,239	11.0	
7,365	11.3	
7,895	11.3	
8,020	11.3	
8,135	11.2	
8,370	11.3	
8,472	11.3	
8,690	11.2	
9,105	11.2	
9,200	11.3	
9,290	11.3	
9,396	11.2	
9,460	11.2	
9,761	11.1	TD

Mobil Oil Corporation
F14-13G Tip Top Unit
sec. 13, T. 28 N., R. 114 W.
Drilling Reports

206	8.8		8,400	10.8		11,903	9.3
352	8.7		8,440	10.8		11,950	9.4
440	8.7		8,568	10.8		12,052	9.5
680	8.8		8,688	10.8		12,071	9.6
830	8.7		8,797	10.8		12,089	9.7
1,053	8.8		8,886	10.7		12,192	9.6
1,290	8.8		8,920	10.7		12,290	9.7
1,500	8.8		8,946	10.7		12,403	9.6
1,752	8.7		9,020	10.7		12,528	9.7
1,840	8.8		9,060	10.8		12,652	9.7
1,888	8.8		9,156	10.8		12,682	9.6
1,978	9.1		9,270	10.9		12,771	10.3
2,167	9.0		9,374	10.7		12,787	10.2
2,445	9.0		9,465	11.0		12,806	10.2
2,520	9.1	Casing	9,566	10.9		12,910	10.2
2,858	9.1		9,652	10.8		13,003	10.1
3,069	8.9		9,698	10.8		13,056	10.1
3,163	8.9		9,727	10.7		13,070	10.2
3,383	9.1		9,825	10.8		13,112	10.0
3,677	9.4		9,889	10.8		13,177	10.1
3,759	9.4		9,909	10.7		13,278	10.1
3,943	9.5		9,967	10.8		13,333	10.1
4,027	9.3		10,000	10.6		13,442	10.1
4,193	9.3		10,020	10.6		13,466	10.3
4,314	9.2		10,259	10.6		13,566	10.1
4,468	9.1		10,312	10.3		13,684	10.1
4,625	9.0		10,343	10.5		13,830	10.3
4,803	9.2		10,411	10.2		13,870	10.4
4,983	9.0		10,438	10.1		13,906	10.4
5,160	9.0		10,458	10.4		13,936	10.4
5,280	9.1		10,516	10.4		13,980	10.4
5,434	9.2		10,546	10.2		14,056	10.3
5,643	9.2		10,626	10.2		14,248	10.6
5,771	9.5		10,673	10.5		14,375	10.6
5,882	9.8		10,688	10.5		14,455	10.3
5,960	9.9		10,714	10.4		14,567	10.2
6,046	10.1		10,759	10.5		14,711	10.2
6,180	10.0		10,783	10.5		14,740	10.3
6,345	10.1		10,788		Casing	14,888	10.1
6,566	10.1		10,860	10.0		15,014	10.2
6,634	10.2		10,946	9.8		15,110	10.0
6,758	10.2		10,980	9.9		15,170	10.0
6,785	10.1		11,051	9.8		15,342	10.0
7,025	10.0		11,125	9.6		15,531	10.1
7,168	10.2		11,188	9.6		15,680	10.3 TD
7,318	10.1		11,253	9.6			
7,358	10.2		11,294	9.5			
7,603	10.3		11,356	9.3			
7,812	10.8		11,410	9.3			
7,938	10.8		11,432	9.3			
8,057	10.9		11,528	9.2			
8,119	10.8		11,634	9.2			
8,231	10.7		11,765	9.3			
8,313	10.8		11,813	9.3			

Exxon Corporation
17-16 Fogarty Creek Federal
sec. 16, T. 28 N., R. 114 W.
Mudlog

4,100	8.7	
4,290	8.8	
4,670	8.7	
5,110	8.7	
5,830	8.7	
6,070	9.0	
6,490	9.1	
6,738		1st Frontier
6,750	9.1	
7,490	9.0	
7,630	9.0	
7,810	9.0	
8,190	9.1	
8,630	9.3	
9,170	9.3	
9,310	9.3	
9,470	9.3	
10,250	9.1	
10,350	9.0	
10,530	9.0	
10,690	9.0	
10,930	9.2	
11,050	8.6	
11,170	8.6	
11,210	8.8	
11,390	8.8	
11,470	9.0	
11,570	9.0	
11,685		Casing
11,790	10.0	
11,930	9.6?	
12,070	9.6	
12,190	9.9	
12,270	10.0	
12,350	10.0	
12,450	10.0	
12,570	10.1	
12,650	9.7	
13,190	10.0	
13,570	10.0	
13,650	10.1	
13,710	9.6	
13,830	9.9?	
13,950	9.9	
14,070	9.8	
14,250	9.8	
14,470	9.8	
14,570	10.0	
14,710	10.0	
14,910	10.0	
14,970	10.0	
15,050	9.9	
15,330	10.0	
15,451		TD

C. F. Braun & Company
2-16 Fogarty Creek
sec. 16, T. 28 N., R. 114 W.
Drilling Reports

121	8.8	
137		Drilling with water
296	8.3	
602	8.7	
880	8.5	
1,216	8.4	
1,526	8.7	
1,605	8.5	Set casing @ 1,086
1,732		Drilling with water
2,214		water
2,652		water
3,063		water
3,350		water
3,610	8.7	
3,644	8.8	
3,717	8.8	
3,971	9.1	
4,070	8.9	
4,316	9.1	
4,536	9.1	
4,674	9.1	
4,840	9.4	
5,125	9.1	
5,390	9.1	
5,656	9.0	
5,883	9.2	
5,952	9.2	
6,094	9.2	
6,336	9.2	
6,586	9.3	
6,744	9.4	
6,795		1st Frontier
7,010	9.5	
7,217	9.6	
7,305		2nd Frontier
7,480	9.4	
7,495	9.5	
7,508	9.5	DST
7,606	9.5	
7,687	9.8	
7,727	9.9	
7,752	9.7	
7,783	9.9	
7,820	9.9	
7,969	9.9	
8,079	10.0	
8,108	9.9	
8,267		Bear River
8,330	10.1	
8,390	10.2	DST
8,438	10.2	
8,600	10.2	TD

BWAB Incorporated
 20-24 Federal
 sec. 20, T. 31 N., R. 111 W.
 Geologist's Report

1,178	8.8	Drilling with water gel
2,254	9.2	
3,083	9.0	
3,457	8.9	
3,915	9.2	
4,537	9.3	
4,865	9.5	
5,306	9.4	
5,555	9.6	
5,812	9.6	
6,016	9.4	
6,204	9.4	
6,275	9.2	
6,383	9.1	
6,576	9.2	
6,723	9.3	
6,928	9.4	
7,053	9.4	
7,222	9.4	
7,300	9.5	TD

Celeron Oil & Gas Company
 43-20 Mickelson Creek
 sec. 20, T. 32 N., R. 114 W.
 Mudlog

1,500	8.6	
2,000	8.9	
2,310	8.9	
2,700	9.0	
3,020	9.0	
3,380	9.0	
3,770	9.0	
4,100	9.1	
4,360	9.1	
4,450	9.2	
4,560	9.2	
4,730	9.1	
4,900	9.0	
5,130	9.0	
5,260	9.2	
5,525	9.2	
5,625	9.3	
5,870	9.3	
5,970	9.2	
6,230	9.3	
6,450	9.3	
6,710	9.5	
6,750		TD

Celeron Oil & Gas Company
 43-21 Mickelson Creek
 sec. 21, T. 32 N., R. 114 W.
 Mudlog

3,235	9.3	
3,650	9.1	
3,925	9.2	
4,560	9.3	
4,910	9.1	
5,290	8.9	
5,500	9.0	
5,505	9.0	
5,740	9.0	
5,915	9.0	
6,050		TD

Celeron Oil & Gas Company
 14-22 Mickelson Creek
 sec. 22, T. 32 N., R. 114 W.
 Mudlog

3,015	9.2	
3,390	9.3	
3,815	9.0	
4,070	9.1	
4,150	9.1	
4,370	9.2	
4,525	9.3	
4,985	9.1	
5,175	9.0	
5,490	9.0	
5,710	9.0	
6,000	8.9	
6,060		TD

Celeron Oil & Gas Company
 22-27 Mickelson Creek
 sec. 27, T. 32 N., R. 114 W.
 Mudlog

2,050	8.9	
2,785	9.0	
3,130	9.1	
3,450	9.1	
3,675	9.1	
4,025	9.1	
4,300	9.1	
4,525	9.1	
4,790	9.0	
4,975	9.1	
5,525	9.3	
5,760	9.1	
5,900		TD

Celeron Oil & Gas Company
 34-28 Mickelson Creek
 sec. 28, T. 32 N., R. 114 W.
 Mudlog

2,583	8.9	
2,721	8.9	
3,127	9.0	
3,496	9.0	
3,822	9.0	
4,149	9.1	
4,450	9.2	
4,700	9.1	
4,989	9.1	
5,076	9.1	
5,152	9.1	DST
5,294	9.0	DST
5,476	9.0	
5,718	9.0	
5,893	9.1	
6,132	9.2	
6,406	9.1+	
6,625	9.1	
6,802	9.1	
7,219	9.1	
7,309		TD

True Oil Company
23-15 Bare Mountain Unit
sec. 15, T. 32 N., R. 115 W.

Geologist's Report		Mudlog	
102	8.6	7,060	9.3
213	9.0	7,300	9.2
342	8.9	7,440	9.2
480	9.1	7,700	9.2
910	9.0	7,800	9.3
1,230	9.0	7,980	9.4
1,460	Bear River	8,100	9.4
1,525		8,300	9.4
1,780		8,580	9.5
2,210		8,720	9.4
2,359	Gannett	8,920	9.3
2,484		9,080	9.2
2,621		9,200	9.2
2,939		9,320	9.3
3,260	Stump	9,500	9.4
3,400		9,700	9.5
3,496	Preuss	9,600	9.5
3,550		9,680	9.5
3,672	Twin Creek	9,940	9.5
3,705		10,040	9.8
3,893		10,060	10.2
4,067		10,080	10.6
4,108	Gypsum Springs	10,260	11.3
4,227		10,320	11.3
4,426		10,420	11.4
4,530		10,540	11.5
4,582		10,600	11.1
4,706		10,640	11.7
4,772		10,680	11.5
4,928		10,700	11.6
5,245	Popo Agie	10,780	11.3
5,250		10,800	12.3
5,323		10,920	12.4
5,565		10,960	12.4
5,572	Ankareh	11,020	12.4
5,654		11,080	12.2
5,756		11,160	12.5
5,845			
5,860	Thaynes		Missing data
5,965	Fault	11,847	TD
5,975	Fort Union		
6,075			
6,220	Mesaverde		
6,232			
6,522			
6,598			
6,815			
6,880			
6,900			

Pacific Transmission Supply Company
 34-30 Federal
 sec. 30, T. 33 N., R. 114 W.
 Mudlog

800	8.6	3,640	9.5	
850	8.7	3,920	9.5	
1,060	9.1	4,060	9.3	
1,270	9.2	4,220	9.5	
1,320	9.3	4,320	9.5+	
1,360	9.3	4,490	9.5+	
1,400	9.4	4,730	10.3	
1,460	9.3			DST
1,520	9.5	4,860	10.4	
1,570	9.4	4,910	10.4	
1,640	9.3	5,030	10.8	
1,745	9.3	5,120	10.8	
1,790	9.3	5,340	10.8	
1,830	9.3	5,460	10.8	
1,870	9.3	5,600		TD
1,925	9.3			
1,980	9.2			
2,020	9.2			
2,065	9.2			
2,140	9.2			
2,170	9.2			
2,225	9.1			
2,260	9.0			
2,325	9.1			
2,390	9.0			
2,425	9.1			
2,460	9.1			
2,510	9.1			
2,540	9.1			
2,580	9.2			
2,660	9.1			
2,690	9.1			
2,730	9.3			
2,765	9.3			
2,830	9.3			
2,850	9.4			
2,890	9.4			
2,920	9.3			
2,950	9.2			
2,980	9.2			
3,005	9.3			
3,040	9.2			
3,080	9.3			
3,110	9.3			
3,130	9.3			
3,190	9.4			
3,250	9.3			
3,300	9.5			
3,350	9.5			
3,400	9.5			
3,445	9.5			
3,495	9.5			
3,550	9.5			
3,615	9.5			

Celeron Oil & Gas Company
34-30A Beamers Bluff Federal
sec. 30, T. 33 N., R. 114 W.
Mudlog

1,410		Casing
1,540	8.6	
1,564		Preuss
1,660	8.6	
1,663		Twin Creek
1,840	8.7	
1,960	8.7	
2,150	8.9	
2,310	8.8	
2,430	8.7	
2,560	8.8	
2,635	8.9	
2,815	8.9	Gypsum Springs
2,935	8.8	
3,003		Nugget
3,150	8.8	
3,240	8.9	
3,370	8.9	
3,490	8.9	
3,535	8.9	
3,780	8.9	
3,875	8.9	
3,934		Ankareh
3,950		Prospect Fault
3,990	8.9	
4,125	9.0	
4,200	9.0	
4,310	9.0	
4,435	9.2	
4,580	9.1	
4,635	9.2	
4,780	9.3	
4,865	9.5+	
4,939		Mesaverde
5,010	9.5	
5,100	9.4	
5,235	9.6	
5,295	9.6	
5,360	9.7	
5,465	9.8	
5,520	9.8	
5,575	9.8	
5,640	9.8	
5,700		TD

Phillips Petroleum Company
1-A Hoback Unit
sec. 13, T. 33 N., R. 115 W.
Mudlog

3,620	9.3	
3,890	9.4	
4,065	11.2	
5,460	9.9	
5,810	9.9	
5,870	10.0	
6,140	9.9	
6,440	10.0	
6,805	10.0	
6,910	9.7	
7,130	9.9	
7,315	9.8	
7,520	9.7	
7,935	9.7	
8,105	10.0	
8,515	9.9	
8,810	10.2	
9,125	10.1	
9,545	10.2	
9,800	10.1	
10,125	10.1	
10,700		Frontier
11,425	10.9	
		Missing data
13,267		TD

Shell Oil Company
 23-13 Government
 sec. 13, T. 38 N., R. 114 W.
 Drilling Reports

680	9.1	
1,202	9.4	
1,209	9.2	Casing set @ 1,025
1,483	9.0	
1,837	9.0	
2,778	9.2	
3,015	9.0	
3,163	8.3	
3,300	8.9	
3,427	9.0	
3,801	9.4	
4,000	9.4	
4,170	9.4	
4,493	9.4	
5,000	9.4	
5,152	9.3	
5,321	9.4	
5,451	9.4	
5,621	9.4	
5,961	9.4	
6,022	9.3	
6,390	9.4	
6,530	9.3	
6,685	9.4	
6,818	9.4	
7,328	9.6	
7,447	9.6	
7,567	9.6	
7,984		Bacon Ridge
8,117	9.2	
8,170	10.2	
8,267	10.2	
8,510	10.3	
8,660		Fault
		Bacon Ridge repeat
8,791	10.3	
8,951	10.4	
9,063	10.4	
9,157	10.5	
9,235		Fault
9,264	10.4	
9,522	10.3	
9,540	10.6	TD