

Table 15.—Logs of selected oil wells in eastern Judith Basin and vicinity

(Logs of wells from drilling reports, Oil and Gas Conservation Commission of the State of Montana. Formation names reported by oil and gas companies do not necessarily agree with identification by state and federal agencies.)

Formation	Depth to top (feet)	Formation	Depth to top (feet)
Location: A-14-17-5cc Operator or owner: Richfield Oil Corporation		Location: A-16-16-7baa Operator or owner: The Pure Oil Company	
Colorado Shale	0	Colorado Group	0
Muddy Sandstone	405	Muddy Sandstone	1,040
First Cat Creek sand	676	Dakota silt	1,300
Kootenai Formation	775	Dakota sand	1,333
Second Cat Creek sand	903	Kootenai Formation	1,392
Third Cat Creek sand	1,134	Second Cat Creek sand	1,552
Morrison Formation	1,410	Lakota Formation	1,762
Swift Formation	1,510	Morrison Formation	1,900
Rierdon Formation	1,654	Swift Formation	2,146
Piper Formation	1,670	Rierdon Formation	2,300
Piper limestone	1,719	Piper Formation	2,402
Tyler Formation	1,825	Amsden Formation	2,560
Marine Heath	2,209	Otter Formation	2,671
Otter Formation	2,771	Kibbey Formation	3,086
Total depth	2,800	Charles Formation	3,350
Location: A-15-16-29ca Operator or owner: Richfield Oil Corporation		Mission Canyon Limestone	4,033
Colorado Shale	0	Lodgepole Limestone	4,480
Muddy Sandstone	760	Three Forks Shale	5,142
First Cat Creek sand	1,016	Jefferson Limestone	5,200
Kootenai Formation	1,078	Cambrian rocks	5,580
Second Cat Creek sand	1,238	Total depth	5,669
Third Cat Creek sand	1,496	Location: A-18-19-17da Operator or owner: Miami Oil Producers, Inc.	
Morrison Formation	1,735	Dakota sand	2,080
Swift Formation	1,876	Kootenai Formation	2,183
Rierdon Formation	2,005	Lakota Formation	2,387
Piper Formation	2,040	Morrison Formation	2,450
Piper limestone	2,080	Swift Formation	2,755*
Tyler Formation	2,130	Rierdon Formation	2,940*
Marine Heath	2,767	Piper Formation	3,055*
Otter Formation	3,028	Otter Formation	3,190*
Total depth	3,048	Kibbey Formation	3,390
*Formation names added by R. D. Feltis.		Charles Formation	3,658
		Mission Canyon Limestone	4,188
		Lodgepole Limestone	4,792
		Devonian rocks	5,390
		Cambrian rocks	5,596
		Total depth	5,983