well	Table Well name and		KB	TD	
number	surface location	year	M KB	m m	results
Humber	(bottomhole location)		111	111	
WA 6357	Shell Kishinena b-56-C/82-G-1	1986	1337.2	5766	D&A on anticline in Lewis sheet; encountered sub
					Lewis duplex of Pennsylvanian to Mississippian
					strata; thin streaks of porosity in Mississippian;
	(d-56-C/82-G-1)				tested non-commercial oil and gas from Purcell in
					Lewis sheet (Cross section 3).
WA 24	Pacific Atlantic Flathead d-34-E/82-G-1	1953	1324.4	3200.4	D&A on anticline in Lewis sheet; penetrated
					overturned syncline of Mississippian strata below
					Lewis thrust; TD in Palliser; tested CO <sub>2</sub> -rich gas
	Q 04 L/02 O 1				from Mississippian below Lewis (Table 5).
WA 5870	Shell Sage a-56-E/82-G-1	1984	1527.9	5010.5	abandoned CO2-rich gaswell; on anticline in Lewis
					sheet; penetrated sub-Lewis duplex of
					Pennsylvanian to Cambrian; TD in Purcell ?; 14m
3070	(d-55-E/82-G-1)				pay in Livingstone and Banff; Palliser tested water
					(Cross sections 1,2, 3, and 4; Table 5).
WA	Shell Grouse				D&A near synclinal axis on Lewis sheet;
6486	d-66-G/82-G-1	1986	1678.3	5350.0	encountered Mississippian in sub-Lewis structure;
0400	u-00-G/62-G-1				show in Cadomin (Cross sections 1, 3, and 4).
WA 5872	Shell Flathead d-26-L/82-G-1 (b-35-L/82-G-1)		1519.5	4676.0	abandoned CO <sub>2</sub> -rich gaswell; on anticline in Lewis
					sheet; penetrated sub-Lewis duplex of
		1984			Pennsylvanian to Cambrian; 48m pay in Palliser,
					25m in Livingstone, 2m in Mt Head, and 4m in
					Etherington (Cross sections 2, 3 and 4; Table 5).
WA 6327	Shell Flathead d-58-L/82-G-1	1986	1546.9	4790	abandoned CO2-rich gaswell; on anticline in Lewis
					sheet; penetrated sub-Lewis duplex of
					Pennsylvanian to Cambrian; 32m pay in Palliser,
					18m in Livingstone, 2m in Mt Head, and 3m in
					Etherington (Cross section 3; Table 5).
					D&A on anticline in Lewis sheet; penetrated sub-
WA 4961	Shell Middlepass a-95-L/82-G-1	1981	1621.2	5/16	Lewis duplex of Pennsylvanian and Mississippian,
					lower than in d-26-L and d-58-L; upper Livingstone
					only in structure, thin streaks of porosity; flowed
	(b-94-L/82-G-1)				gas (76% C <sub>1</sub> ) up annulus from Livingstone above
					fault zone (Cross section 4).
	Chevron Mobil				idati zono (oroco codien 1).
WA	Flathead				D&A penetrated Kishenehn conglomerate and
7398	d-22-H/82-G-2	1990	1220.7	2221	breccia (Cross section 1). TVD 2145.2m.
	(c-22-H/82-G-2)				1). 1 4 5 2 1 4 0.2111.
WA 4935	Shell MacDonald b-30-H/82-G-2	1981	1451.6	3809	D&A on dome on Lewis sheet; penetrated
					undisturbed succession from Mount Head to Lowe
					Purcell: tested fresh water from Hollebeke
					(Beaverhill Lake) (Cross sections 1 and 2).
					abandoned CO <sub>2</sub> -rich gaswell; in window in Lewis
WA 5839	Shell Flathead c-12-A/82-G-7 (c-11-A/82-G-7)		1498 6		thrust; penetrated sub-Lewis duplex of
		1984			Pennsyvlanian to Devonian; 21m pay in Palliser,
					15m in Livingstone, 9m in Mt Head, and 7m in
			1-30.0	3090	Etherington (Mississippian thrust-repeated);
					Peechee tested water (lower than Peechee in d-2)
					· · · · · · · · · · · · · · · · · · ·
	Ob all III				A) (Cross section 2; Table 5).
WA 638	Shell Honolulu				D&A in window in Lewis thrust; penetrated sub-
	Flathead	1960	1484.4	3623.5	Lewis duplex of Pennsyvlanian to Devonian; tester
	d-22-A/82-G-7				CO <sub>2</sub> -rich gas from Peechee, Palliser, Mount Head
	(c-21-A/82-G-7)				and Etherington (Cross sections 3 and 4; Table 5)
WA	CIGOL IOE et al.		40==		D&A in Howell Cr. Structure; pass from slide block
2790	Howell	1970	1627	1411.8	of U.Cret. to Mississippian at 327m; normal fault
	a-16-B/82-G-7				from Banff to Cambrian? at 1053m; TD in Purcell.
WA 6241				5362	D&A penetrated duplex of Paleozoic beneath
	Shell North Kootenay Pass b-58-H/82-G-7	1985	1717.5		leading edge of Lewis thrust; thin streaks of
					porosity in Rundle; Palliser 9m porous dolomite
					with some limestone in lower part; bottomed in
					thrust repeated upper Fairholme anhydrite and
	(b-67-H/82-G-7)				dolomite; sub-Lewis Mesozoic consists of thin
l					1
					Fernie; tested salt water from Rocky Mountain and
					Fernie; tested salt water from Rocky Mountain and gas from Purcell in Lewis sheet (?)*.