STATE OF OREGON DEFACTMENT OF GEOLOGY AND MINERAL INDUSTRIES 1069 State Office Building Portland l, Oregon

LOG AND CORE RECORD OF OIL OR GAS WELL (Submit in duplicate)

In compliance with rules and regulations pursuant to ORS 520, 095 (Chapter 667 OL 1953).

Operator_	Oregon Petroleum Corp.		Field	Clarno	Basin	
Well No.	Clarno No. 1	, Sec	27 , T.	7 S	R19 E	W. B. & M.
					×/n	

			FORMA'	TIONS PENET	RATED BY WELL *(See note at end)
Dept Top of Formation		Thickness	Drilled or Cored	Recovery	Description
o	38	38	Drilled		Gravel.
38	241	203	Drilled		Gravel, limy clay and shale.
241	465	224	Drilled		Limy gravel.
465	635	170	Drilled		Hard gravel and shale.
635	756	121	Drilled		Shale.
756	1072	316	Drilled		Shale and clay.
1072	1494	422	Drilled		Shale, lime and clay.
1494	3050	1556	Drilled		Shale and lime. Average drilling rate 10' per hour.
3050	3105	5 5	Drilled		Volcanic conglomerate; mainly basalt fragments, some andesitic fragments. Drilling rate 6' per hour.
3105	3120	15	Drilled		Rhyolitic tuff; light gray color, possibly a hard siltstone. Drilling rate 14' per hour.
3120	3205	85	Drilled		Volcanic conglomerate as above described only now with some black shale.
3205	3235	30	Drilled		Rhyolitic tuff; light white-gray, possibly a hard siltstone.
3235	3480	145	Drilled		Shale; black-gray, hard, fissile, very silty interbedded with fine graywacke sandstone. Veinlets of calcite in the shale. Drilling rate 8' per hour.
3480	3590	110	Drilled		Sandstone; gray, hard, fine to very fine. Calcite veined. Drilling rate 9' per hour.
3590	3600	10	Drilled		Siltstone; white, hard, limy, with sandy inclusions, possibly tuffaceous.

Form 3 1/54

STATE OF OREGON

DELACTMENT OF GEOLOGY AND MINERAL INDUCTRIES
1069 State Office Building Portland 1, Oregon

Page 2

LOG AND CORE RECORD OF OIL OR GAS WELL (Submit in duplicate)

In compliance with rules and regulations pursuant to	ORS 520. 095	(Chapter 667 OL	1953).
--	--------------	-----------------	--------

Operator_	Oregon Petroleum Corp.	Field Clarno Basin	
Well No	Clarno No. 1	, Sec. 27, T. 7 S R. 19 E	W. B. & M.

FORMATIONS PENETRATED BY WELL					
Dept Top of Formation	h to Bottom of Formation	Thickness	Drilled or Cored	Recovery	Description
3600	3735	135	Drilled		Sandstone and dark shale with calcite veins. Drilling rate 10' per hour.
3735	4095	360	Drilled		Shale; dark gray to black, silty, inter- bedded with variegated siltstone and gray sandstone. Showings of calcite also. Drilling rate 8' per hour.
4095	4165	70	Drilled		Siltstone; light gray blue, interbedded with gray-green, hard, limy sandstone. Drilling rate 6' per hour.
4165	4250	T.D. 85	Drilled		Shale; dark gray-black, hard, silty, fissile. Drilling rate 7' per hour.
		og compiled ogging Comp			t (0-3050') and from Exploration 0-4250').