FORM NO. 11 R7/99

(SUBMIT IN DUPLICATE)

ARM 36.22.307
ARM 36.22.1213
ARM 36.22.1214
ARM 36.22.1216

BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA
2535 ST. JOHNS AVENUE, BILLINGS, MONTANA 59102

RESERVOIR SURVEY REPORT AND GAS-OIL RATIO

THIS REPORT MUST BE COMPLETED FOR ALL NEW WELLS AND DURING EACH MAY AND OCTOBER THEREAFTER ON SELECTED KEY WELLS

Date Submitted _____

Producer _____

Address _____

Signature _____

SHOW EACH KEY WELL
File not later than 20 days after test

Field _____

Reservoir _____

County _____

GAS-OIL AND WATER-OIL RATIO TESTS

Lease and Well No.	Test Date	Hrs. Tstd.	Choke 64th"	T.P.	C.P.	Sep. Press.	Pump Diam.	S.P.M.	L.S.	PRODUCTION			G.O.R. Mcf/Bbl.	W.O.R. Bbl./Bbl.
										Bbls. Oil	Mcf Gas	Bbls. Wtr.		
1														
2														
3														
4														
5														
6														
7														
8														

SUB-SURFACE PRESSURE SURVEY

Type Instrument _____ B.H. Temp. _____ °F. Orig. Res. Press. at S. S. Datum _____

Lease & Well No.	Test Date	Hrs. S.I.	S.I. T.P.	Fluid Level	Test Depth	Sub-sec Datum	Res. Press.	Corrected Datum Press.	PREVIOUS TEST		PRESS. CHANGE	
									Date	Press.	Since Last Test	Since Comp.
1												
2												
3												
4												
5												
6												
7												
8												

You are requested to use care in the preparation of this form as the data is very important.

-OVER-

ARM 36.22.1213 RESERVOIR OR POOL SURVEYS

(1) As directed by the Board, surveys shall be made of the reservoirs or pools in this State containing oil and gas. These surveys shall be thorough and complete and shall be made by the operator or his agent under the supervision of agents of the Board. The condition of the reservoirs or pools containing oil and gas and the practices and methods employed by the operators shall be investigated.

(2) The source of crude oil and natural gas, the pressure of the reservoir as an average, the areas of regional or differential pressure; stabilized gas-oil ratios and water-oil ratios, and the producing characteristics of the field as a whole and of the individual wells within the field shall be specifically included.

(3) Provided, however, the Board will accept from field engineering committees (petroleum engineering, geological, and statistical groups) or persons engaged in the petroleum industry in such an advisory capacity a periodic record of the physical behavior of the oil and gas reservoirs of Montana. These factual data shall be gathered and arranged in such fashion as to permit rapid evaluation by the Board of the Oil and Gas of recovery efficiency of the individual reservoir or pools.

ARM 36.22.1214 SUBSURFACE PRESSURE TESTS

Within 30 days following the completion of each well in any pool whether such well produces oil or gas or both, the owner of such well shall make a subsurface pressure test on such well and shall report the results thereof to the Board on Form No. 11 within twenty (20) days after such test is made. Each such well shall remain completely shut in for at least 24 hours prior to the test. The subsurface determination shall be obtained as close as reasonably possible to the midpoint of the productive section of the reservoir. Further, the Board will require periodic subsurface pressure measurements on a sufficient number of wells in any pool to provide adequate data for establishing maximum efficient rates of production (M.E.R.).

ARM 36.22.1216 GAS-OIL RATIO TESTS

Within 30 days following the completion and within 30 days following each recompletion of each well producing oil and either gas or casinghead gas or both, the owner of such well shall make a gas-oil ratio test of such well and the results of such test shall be reported to the Board on Form No. 11 within 20 days after the test is made. Also, thereafter, each operator shall make a gas-oil ratio test at such other time or times as the Board may hereafter designate, and similarly report the results of each such test within the time specified.