

CONOCO INC.

NMFU Field, Warren Unit, Lea County, New Mexico

NORTH BLINEBRY WATERFLOOD PERFORMANCE THROUGH 8/90

Actual Waterflooded Area

Pool:	Blinebry Oil & Gas	Depth:	5800'-6100'
Formation:	Blinebry zones 1, 2, & 3	Producing Wells:	6 (WU 12,15,18,19,38,76)
Average Pay:	39	Injection Wells:	7
Average Porosity:	7.4%	Type of Completion:	Cased Hole
Flooded Area:	400 Acres	Injection Began:	January 24, 1983

PRODUCTION

Cum oil to flood start (F.S.):	938 MBO
Cum oil & water since F.S.:	207 MBO
	71 MBW
Cum gas to F.S.	11,459 MMCF
Cum gas since F.S.:	1,072 MMCF
Daily oil production	100 BOPD (14.1 BOPD/well)
Daily gas production:	204 MCF (20.4 MCF/well)
Daily water production:	96 BWPD

WATER INJECTION

Cum injection:	3374 MBW
Current injection:	1084 BWPD (155 BWPD/Well)
Avg. Pressure:	1700 psig
Anticipated fill-up volume:	1792 MBW
% of fill-up volume injected:	188%

RESERVES

OOIP:	6,044 MBO
Primary prod. to F.S. (% of OOIP):	15.52%
Current Primary and Secondary Recovery (% of OOIP):	18.45%
Estimated Ultimate Recovery:	25.0%

EXHIBIT 8

BEFORE EXAMINER STOGNER OIL CONSERVATION DIVISION
EXHIBIT NO. <u>8</u>
CASE NO. <u>10220</u>
Submitted by <u>Conoco Inc.</u>
Hearing Date <u>1-24-91</u>