

PROJECTION FROM ANALOGY:

CDU

WARREN

NEDU

(Where appropriate honored
CDU & NEDU)
AVG / REC VALUE

OIL IP:	7.8 bopd/well	7.4 bopd/well	4.4 bopd/well	8.9 bopd/well (812 bopd/91 active prod)
INITIAL RESPONSE:	+23%/yr for 4 yrs	+23%/yr for 4 yrs	+12%/yr for 4 yrs	19%/yr for 4 yrs
2ND RESPONSE:	+6%/yr for 6 yrs	-25%/yr for 3 yrs	+7%/yr for 5 yrs	+7%/yr to fill up
PEAK RATE:	10 bopd/well	15.6 bopd/well	10.3 bopd/well	12.0 bopd/well (1092 - 12*91 prod)
YEARS TO PEAK RATE	16	6	10	10.7 years
GOR INITIAL:	15,000	11,000	23,000	16,115
GOR CHARACTER:	decline @ 5%/yr for 16 yrs decline @ 8%/yr for 4 yrs drill	decline @ 7%/yr for 10 yrs 6%/yr to fill up drill		
GOR FINAL:	2200	7500	5200	2200
WATER PROD:	7x init wtr prod in 4 yrs	6.3x init wtr prod in 4 yrs	6.7x init wtr prod in 4 yrs	6.7x init wtr prod in 4 yrs (1050 to 7035)
INITIAL INJ. RATE:	650 bwpd/inj	187 bwpd/inj	625 bwpd/inj	487 bwpd/inj
S/P:	0.7 (*) (*) from publication	0.42 → 1.1	0.36 → ?	0.41
WATERFLOOD OIL (MMBO):	11.9	2.8 → 7.3	7.4	6.2

Notes:

Peak Rate as % on injection	15	21	3	13% (1589 - too high)
Water prod as % on injection	10	38	9	19% (2323 - too low)