

Catchlaw Draw Prospect

S/3 Sec 1 21S - 25E
Cisco Potential Reserves

Cisco reserves in S/3 of sec. 1 are based on seismic data in sec. 1 and on analogy at Spring Field.

Spring Field (Cisco) Summary

Geological Data:	Productive Area =	1280 acres
	Gross Pay =	50 feet
	Net Pay =	30 feet
	Porosity =	10%
	Water Sat. (In gas column) =	25%
Fluid Data:	Gas Gravity =	0.63
	Bottom Hole Temp. =	131 F
Pressure Data:	Initial Pressure =	3341 psia
Total Production:	Dec. 1966 to Dec. 1992 (aban) =	23342 MMscf

Calculated Data:

Original Gas in Place =	$(0.04356) * (1280) * (30) * (.10) * (1 - .25) * (35.35 / 591) * (3341 / .95)$
=	26390 MMscf
Recovery Factor =	$23342 / 26390$
=	88%

NEW MEXICO
OIL CONSERVATION DIVISION
EXHIBIT 19
CASE NO. 11723