~~EXHIBIT 6~~

K-M CHAVEROO SAN ANDRES UNIT

Injection Water

On September 15, 1988 water samples were obtained from Dale Brown, the proposed water source for the K-M Chaveroo San Andres Unit, and the tank battery on the Kerr-McGee State's "F" Lease in the Chaveroo Field. The Ogallala water from Brown (Section 8, TWP7S, Rge 34E) was mixed with State "F" Lease produced formation brine and no precipitates were formed and as such the two appear compatible. Refer to laboratory report No. 49865, conducted by Oilab, Inc. of Oklahoma City and dated September 22, 1988.

On February 2, 1989 water samples were received by Mobile Analytical Laboratories from the State F #2 and State F #3 WSW. This is fresh water obtained from two water supply wells drilled to a depth of 500 feet on the Kerr-McGee State "FU" Lease. These waters are of comparable quality to the Ogallala water produced from the water source of Dale Brown. The water produced from Dale Brown's supply and the water from Kerr-McGee's water supply wells are considered compatible with each other and with produced formation water and are suitable for use in the secondary recovery project.

RJQ:lrg01

Kerr-McGee 18
CASE NO. 9682 + 9683

CHAVEROO FIELD

	Sec 1, T8S, R33E		Sec 8, T7S,R34E
Source	WSW F#2	WSW F#3	Windmill Dale Brown
Date	2-2-89	2-2-89	9-15-88
	MG/L	MG/L	MG/L
Calcium	6	7	112
Magnesium	2	1	42
Sodium	304	293	134
Potassium			3
Barium			Trace
Iron	1.0	1.0	0.1
Silica			14
Bicarbonate*	166	161	165
Carbonate**	19	17	0
Hydroxide			0
Sulfate (SO_4)	232	248	350
Chloride	195	173	170
Total Dissolved Solids	924	900	990
*(As $CaCO_3$)			136
**(As $CaCO_3$)			0
Total Hardness (As $CaCO_3$)			456
P Alkalinity (As $CaCO_3$)	16	14	
M Alkalinity (As $CaCO_3$)	168	160	136
Specific Gravity	1.0001		1.0021
(Temp °F)			74
Resistivity	1.0101	.9901	6.58
(Temp °F)			77
pH	8.4	8.3	7.78
Calcium Hardness	14	18	
Magnesium Hardness	10	6	
Total Hardness	24	24	
Color (Before Filtration)	Colorless	Colorless	Colorless
Color (After Filtration)	Colorless	Colorless	Colorless

RJQ:lrg01

LABORATORY REPORT NO. 49865

SEPTEMBER 22, 1988

KERR-MCGEE CORPORATION

SAMPLED SEPTEMBER 1988 (BY KERR-MCGEE)

ANALYSES OF 3 WATER SAMPLES:

TUCKER RANCH (FRESH WATER)
DALE BROWN (WINDMILL - OGALLALA FORMATION)
STATE "F" LEASE (CHAVEROO FIELD)

OILAB, INC.

PETROLEUM LABORATORY
AND GAS ENGINEERING
FLOW MEASUREMENT SERVICE

SURESH JOSHI

401 N.E. 46
Oklahoma City, Oklahoma
73105

Area Code 405
Telephone 528-8255

1 - ROBERT J. QUANCE, OKLAHOMA CITY

LABORATORY REPORT NO. 49865

WATER ANALYSIS

KERR MCGEE CORPORATION
DALE BROWN
WINDMILL
FORMATION: OGALLALA
200' NORTH OF HOUSE

DATE SAMPLED: 09-15-88
DATE RUN: 09-17-88
ZONE:

SAMPLED BY: KERR MCGEE

COLOR(BEFORE FILTRATION): COLORLESS
COLOR(AFTER FILTRATION): COLORLESS

*****CHEMICAL CHARACTERISTICS*****

	mg/l
CALCIUM	112
MAGNESIUM	42
SODIUM	134
POTASSIUM	3
BARIUM	TRACE
IRON	0.10
SILICA	14
BICARBONATE*	165
CARBONATE**	0
HYDROXIDE	0
SULFATE	350
CHLORIDE	170
*(AS CaCO3)	136
**(AS CaCO3)	0

TOTAL HARDNESS (AS CaCO3)	456	RESISTIVITY (AT 77 DEG F)	6.58
P ALKALINITY (AS CaCO3)	0	TOTAL DISSOLVED SOLIDS	980
M ALKALINITY (AS CaCO3)	136	pH VALUE	7.78
SPECIFIC GRAVITY (@ 74 DEG F)	1.0021		

LABORATORY REPORT NO. 49865

WATER ANALYSIS

KERR MCGEE CORPORATION
STATE "F" LEASEE
FIELD: CHAVEROO
CHAVERS CO/NEW MEXICO

DATE SAMPLED: 09-15-88
DATE RUN: 09-17-88
ZONE:

SAMPLED BY: KERR MCGEE

COLOR(BEFORE FILTRATION): COLORLESS ODOR OF SULFIDES
COLOR(AFTER FILTRATION): COLORLESS

*****CHEMICAL CHARACTERISTICS*****

	mg/l
CALCIUM	28400
MAGNESIUM	4440
SODIUM	66500
POTASSIUM	6675
BARIUM	TRACE
IRON	15
SILICA	45
BICARBONATE*	325
CARBONATE**	0
HYDROXIDE	0
SULFATE	350
CHLORIDE	171580
*(AS CaCO3)	266
**(AS CaCO3)	0

TOTAL HARDNESS (AS CaCO3)	97800	RESISTIVITY (AT 77 DEG F)	0.035
P ALKALINITY (AS CaCO3)	0	TOTAL DISSOLVED SOLIDS	278285
M ALKALINITY (AS CaCO3)	266	pH VALUE	6.01
SPECIFIC GRAVITY (@ 74 DEG F)	1.1775		

SOLUBLE SULFIDES 17.6
NO PRECIPITATES WERE FORMED WHEN THIS WATER WAS MIXED WITH FRESH WATER FROM DALE BROWN WINDMILL & AS SUCH THE TWO APPEAR TO BE COMPATIBLE

LABORATORY REPORT NO. 49865

WATER ANALYSIS

KERR MCGEE
TUCKER RANCH
FRESH WATER

DATE SAMPLED 09-15-88
DATE RUN: 09-17-88
ZONE:

SAMPLED BY: KERR MCGEE

COLOR(BEFORE FILTRATION): COLORLESS
COLOR(AFTER FILTRATION): COLORLESS

*****CHEMICAL CHARACTERISTICS*****

	mg/l
CALCIUM	138
MAGNESIUM	38
SODIUM	20
POTASSIUM	4
BARIUM	TRACE
IRON	0.08
SILICA	12
BICARBONATE*	135
CARBONATE**	0
HYDROXIDE	0
SULFATE	180
CHLORIDE	130
*(AS CaCO3)	110
**(AS CaCO3)	0

TOTAL HARDNESS (AS CaCO3)	504	RESISTIVITY (AT 77 DEG F)	9.52
P ALKALINITY (AS CaCO3)	0	TOTAL DISSOLVED SOLIDS	645
M ALKALINITY (AS CaCO3)	110	pH VALUE	7.90
SPECIFIC GRAVITY (@ 74 DEG F)	1.0014		

orig: WRF
cc: FBC
BQ

2/20/89 Bob – How does this water compare with [illegible] [illegible] FU #17 Is this water compatible with San Andres water?
[illegible]

****

MOBILE ANALYTICAL LABORATORIES
P.O. BOX 69210
ODESSA, TEXAS 79769-9210
PHONE: 915-337-4744

****

FEBRUARY 9, 1989 SAMPLE RECEIVED: 02/02/89

KERR-McGEE CORP.
4602 W. CO. RD.
ODESSA, TEXAS 79764

WATER ANALYSIS: STATE F#2 WSW 500FT. MILENSAND N.M., LAB 224:

		DISSOLVED SOLIDS
CATIONS:	MEQ/L	IONIC MG/L
SODIUM, Na	13.20	304
CALCIUM, Ca	0.28	6
MAGNESIUM, Mg	0.20	2
ANIONS:		
CHLORIDE, Cl	5.49	195
SULFATE, SO_4	4.83	232
CARBONATE, CO_3	0.64	19
BICARBONATE, HCO_3	2.72	166
TOTAL DISSOLVED SOLIDS:		924

OTHER PROPERTIES:

pH	8.4	P-ALKALINITY AS $CaCO_3$	16 MG/L
IRON	1.0 MG/L	M-ALKALINITY AS $CaCO_3$	168 MG/L
H_2S	0.00	CONDUCTIVITY	990 MICROMOHS/CM
CO_2	0.00	CALCIUM HARDNESS	14 MG/L
SPECIFIC GRAVITY	1.000	MAGNESIUM HARDNESS	10 MG/L
		TOTAL HARDNESS	24 MG/L

NOTE: SAMPLES CONTAINING HAZARDOUS AND TOXIC SUBSTANCES WILL BE RETURNED TO POINT OF ORIGIN FOR DISPOSAL. IF THIS IS NOT POSSIBLE AND MOBILE ANALYTICAL LABORATORIES HAS TO DISPOSE OF THE SAMPLE IN ACCORDANCE WITH EPA REGULATIONS, THEN ADDITIONAL CHARGES WILL BE BILLED TO COVER THE COST OF DISPOSAL OF THIS SAMPLE.

MOBILE ANALYTICAL LABORATORIES
P.O. BOX 69210
ODESSA, TEXAS 79769-9210
PHONE: 915-337-4744

FEBRUARY 9, 1989 SAMPLE RECEIVED: 02/02/89

KERR-McGEE CORP.
4602 W. CO. RD.
ODESSA, TEXAS 79764

WATER ANALYSIS: STATE F#3 WSW 500FT. MILENSAND N.M., LAB 225:

	MEQ/L	DISSOLVED SOLIDS IONIC MG/L
CATIONS:		
SODIUM, Na	12.75	293
CALCIUM, Ca	0.36	7
MAGNESIUM, Mg	0.12	1
ANIONS:		
CHLORIDE, Cl	4.86	173
SULFATE, SO_4	5.17	248
CARBONATE, CO_3	0.56	17
BICARBONATE, HCO_3	2.64	161
TOTAL DISSOLVED SOLIDS:		900

OTHER PROPERTIES:

pH	8.3	P-ALKALINITY AS $CaCO_3$	14 MG/L
IRON	1.0 MG/L	M-ALKALINITY AS $CaCO_3$	160 MG/L
H_2S	0.00	CONDUCTIVITY	1,010 MICROMOHS/CM
CO_2	0.00	CALCIUM HARDNESS	18 MG/L
SPECIFIC GRAVITY	1.000	MAGNESIUM HARDNESS	6 MG/L
		TOTAL HARDNESS	24 MG/L

NOTE: SAMPLES CONTAINING HAZARDOUS AND TOXIC SUBSTANCES WILL BE RETURNED TO POINT OF ORIGIN FOR DISPOSAL. IF THIS IS NOT POSSIBLE AND MOBILE ANALYTICAL LABORATORIES HAS TO DISPOSE OF THE SAMPLE IN ACCORDANCE WITH EPA REGULATIONS, THEN ADDITIONAL CHARGES WILL BE BILLED TO COVER THE COST OF DISPOSAL OF THIS SAMPLE.