



STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
Oil Conservation Division
AZTEC DISTRICT OFFICE

1000 Rio Brazos Road
Aztec, New Mexico 87410
(505) 334-6178

Bradenhead Test Report

Date of Test: 04/21/1999 OPERATOR: Conoco Inc. API #30-0 4507700
WELLNAME: STATE COM Z NUMBER: 22 Location UNIT: F SECTION: 36 TOWNSHIP: 29N RANGE: 10W
Pressure
(Shut-in or Flowing) FL Tubing 120 Intermediate 120 Casing 120 Bradenhead 128

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Pressures		Bradenhead	Intermediate
		Flowed	Flowed
Intermediate	Casing		
5 min.		Steady Flow <u>X</u>	
10 min.		Surges	
15 min.		Down to Nothing	
20 min.		Nothing	
25 min.		Gas	
30 min.		Gas / Water	
		Water	

If Bradenhead flowed water, check description below:

clear: _____ fresh: _____ salty: _____ sulfur: _____ black: _____

Comments/Recommendations:

Did 48 hour flow test, and flow remained constant. Got water sample at beginning and end of the test.

n ~1881. HF

Test done by: Vance Roberts Witness: Bruce Martin
MSO Conoco Inc.
(position): company:

Recom Met & Deep Perms. 2526 9 5/8 191' 140 SX
5 1/2 1914 200 SX
P&T. 1911-1946
5-11-2000

FW01W423

BJ SERVICES COMPANY
WATER ANALYSIS #FW01W483
FARMINGTON LAB

GENERAL INFORMATION

OPERATOR: CONOCO INC. DEPTH:
WELL: Z-22 DATE SAMPLED: 04/21/99
FIELD: DATE RECEIVED: 04/21/99
SUBMITTED BY: VANCE ROBERTS COUNTY: SAN JUAN STATE: NM
WORKED BY : D. SHEPHERD FORMATION:
PHONE NUMBER:

SAMPLE DESCRIPTION

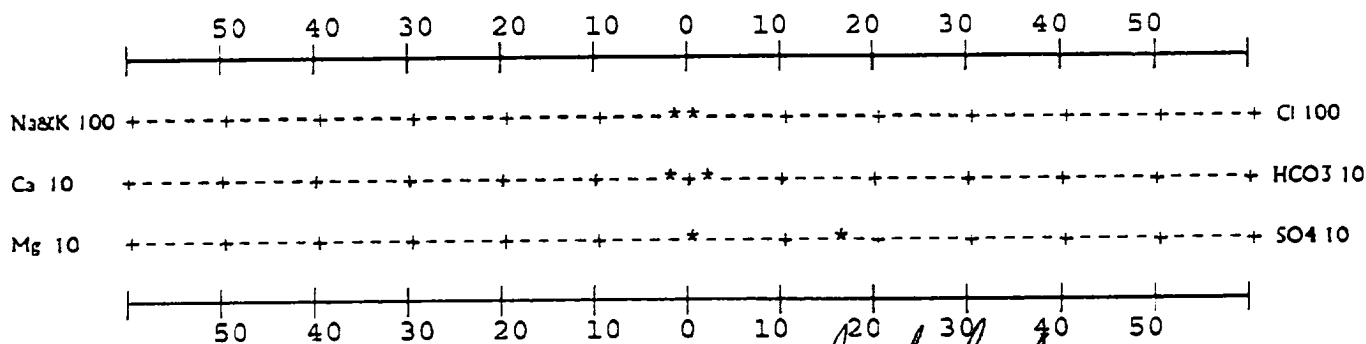
sampled from bradenhead

PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY:	1.001	@ 76°F	PH:	8.71
RESISTIVITY (MEASURED):	0.740	ohms @ 75°F		
IRON (FE++) :	0 ppm	SULFATE:		7,992 ppm
CALCIUM:	296 ppm	TOTAL HARDNESS		900 ppm
MAGNESIUM:	39 ppm	BICARBONATE:		792 ppm
CHLORIDE:	708 ppm	SODIUM CHLORIDE (Calc)		1,165 ppm
SODIUM+POTASS:	4,167 ppm	TOT. DISSOLVED SOLIDS:		14,559 ppm
H2S: GOOD TRACE		POTASSIUM (PPM):	7	

REMARKS

STIFF TYPE PLOT (IN MEQ/L)



ANALYST

D. SHEPHERD

FW01W487

BJ SERVICES COMPANY
WATER ANALYSIS #FW01W487
FARMINGTON LAB

GENERAL INFORMATION

OPERATOR: CONOCO INC.	DEPTH:
WELL: STATE COM. 2-22	DATE SAMPLED: 04/28/99
FIELD:	DATE RECEIVED: 04/28/99
SUBMITTED BY: VANCE ROBERTS	COUNTY: SAN JUAN STATE: NM
WORKED BY: D. SHEPHERD	FORMATION: PICTURED CLIFFS
PHONE NUMBER:	

SAMPLE DESCRIPTION

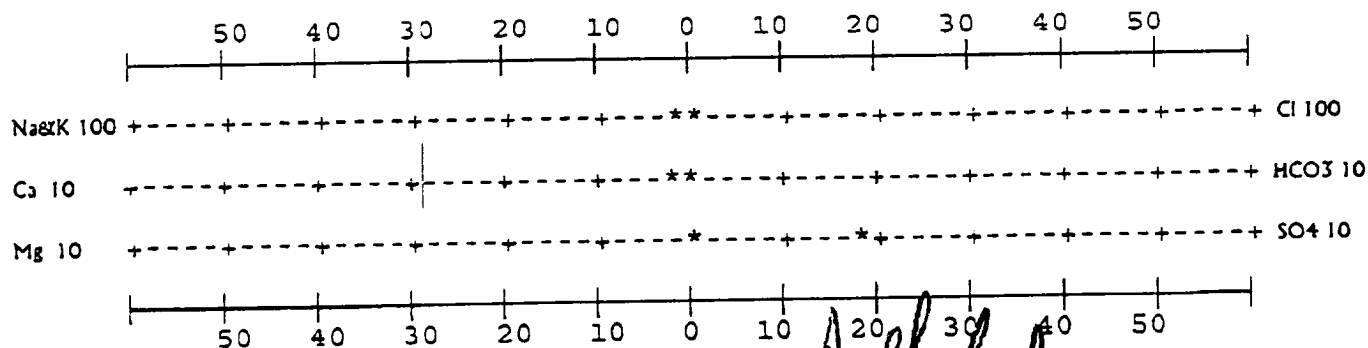
SAMPLE FOR ANALYSIS

PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY:	1.000	@ 76°F	PH:	8.52
RESISTIVITY (MEASURED):	0.740	ohms @ 78°F		
IRON (FE++) :	0 ppm	SULFATE:	8,200	ppm
CALCIUM:	368 ppm	TOTAL HARDNESS	1,051	ppm
MAGNESIUM:	32 ppm	BICARBONATE:	244	ppm
CHLORIDE:	177 ppm	SODIUM CHLORIDE (Calc)	292	ppm
SODIUM+POTASS:	3,646 ppm	TOT. DISSOLVED SOLIDS:	13,318	ppm
H2S: NO TRACE		POTASSIUM (PPM):	17	

REMARKS

STIFF TYPE PLOT (IN MEQ/L)



ANALYST

D. SHEPHERD