



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

P. O. BOX 2088 - SANTA FE

87501

GOVERNOR
DAVID F. CARGO
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

May 8, 1969

Mr. C. Fincher Neal
Neal & Neal
Attorneys at Law
Post Office Box 278
Hobbs, New Mexico 88240

Re: Case No. 4100
Order No. R-3747
Applicant:
J. M. C. Ritchie

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x

Artesia OCC x

Aztec OCC _____

Other State Engineer Office

SAMPLE NO. _____

THE WESTERN COMPANY
Service Laboratory

APR 28 AM 7 1

WATER ANALYSIS

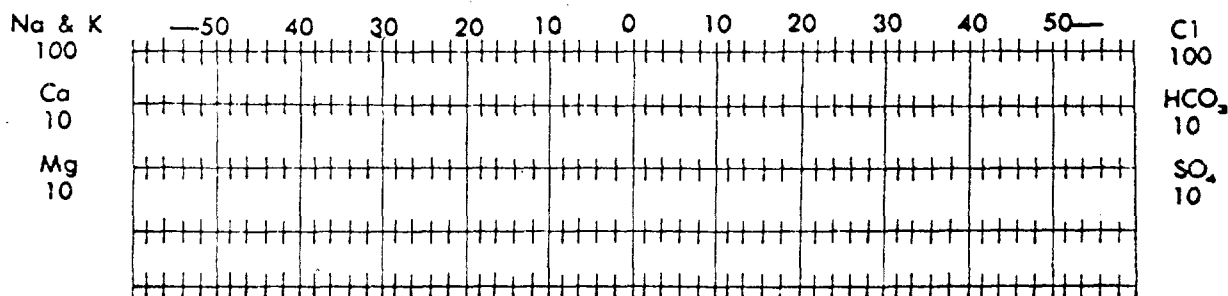
Operator	J. M. C. Ritchie	Date Sampled	
Well	Welch Unit	Date Received	4-19-69
Field		Submitted by	Kermit District
Formation		Worked by	Koehl
Depth		Other Description	Water well @ Ranch Hse. Approximately 2 miles S. E. Lease
County			

CHEMICAL DETERMINATIONS

Density	1.000 @ 75°F	pH	8.1
Iron	Very Faint Trace	Hydrogen Sulfide	None
Sodium and Potassium	3,090 ppm	Bicarbonate	354 ppm
Calcium	544 ppm	Sulfate	7,500 ppm
Magnesium	452 ppm	Phosphate	ppm
Chloride	1,320 ppm	as Sodium Chloride	ppm

Remarks:

for Stiff type plot (in meq./l.)



Per

SAMPLE NO. _____

THE WESTERN COMPANY
Service Laboratory

APR 28 AM 7 19

WATER ANALYSIS

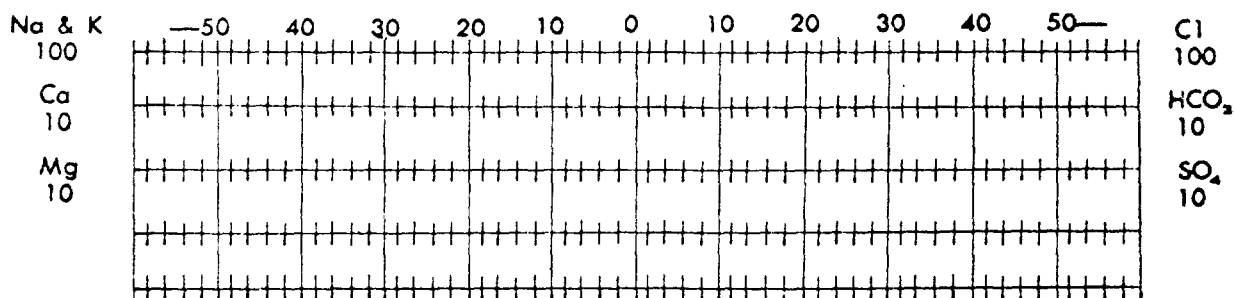
Operator _____	Date Sampled _____	
Well _____	Date Received _____	
Field _____	Submitted by _____	
Formation _____	Worked by _____	
Depth _____	Other Description _____	Humble Service Station
County _____		Mentone, Texas

CHEMICAL DETERMINATIONS

Density <u>1.000 @ 75°F</u>	pH <u>7.9</u>
Iron <u>No Trace</u>	Hydrogen Sulfide <u>None</u>
Sodium and Potassium <u>635</u> ppm	Bicarbonate <u>281</u> ppm
Calcium <u>655</u> ppm	Sulfate <u>2,470</u> ppm
Magnesium <u>262</u> ppm	Phosphate _____ ppm
Chloride <u>1,000</u> ppm	as Sodium Chloride _____ ppm

Remarks:

for Stiff type plot (in meq./l.)



Per _____

SAMPLE NO. _____

THE WESTERN COMPANY
Service Laboratory

APR 28 AM 7 10

WATER ANALYSIS

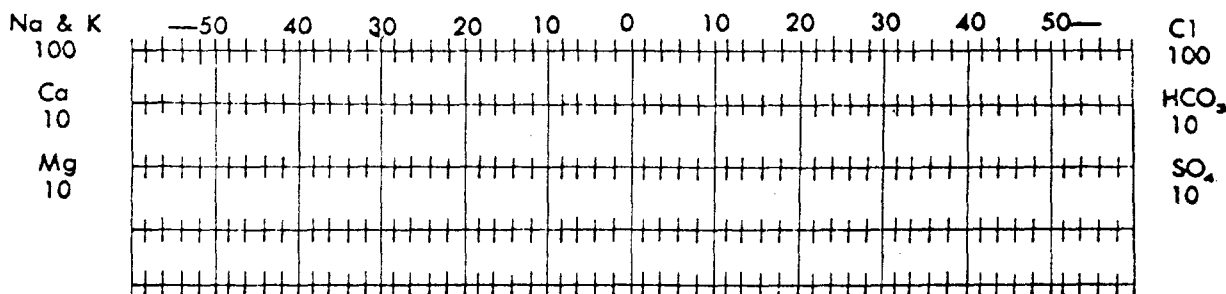
Operator	J. M. C. Ritchie	Date Sampled	
Well	Welch Unit	Date Received	4-19-69
Field		Submitted by	Kermit District
Formation		Worked by	Koehl
Depth		Other Description	Sample from Spring
County			Fed Stream - approximately 2 miles S. W. Lease

CHEMICAL DETERMINATIONS

Density	1.000 @ 75° F	pH	7.8
Iron	No Trace	Hydrogen Sulfide	None
Sodium and Potassium	186 ppm	Bicarbonate	85 ppm
Calcium	616 ppm	Sulfate	2,070 ppm
Magnesium	218 ppm	Phosphate	ppm
Chloride	432 ppm	as Sodium Chloride	ppm

Remarks:

for Stiff type plot (in meq./l.)



Per _____

W A I V E R

MAIL OFFICE
69 APR 24 PM 1 15

Oil & Gas Commission
Box 1980
Hobbs, New Mexico

As land owner or lessee of the land surface in the
area of the J.M.C. Ritchie Welch Unit Lease, located in
Section 16, T-26S, R-27E, NMPM, Eddy County, New Mexico,
I have no objection to the granting by the Commission of
an exemption to Order R-3221.

Dale Trillo
Date: 4-17-69

Welch Delaware
CASE
File

NEW MEXICO
OIL CONSERVATION COMMISSION

MAILED
'69 MAR 28 AM 8 16

FIELD TRIP REPORT

Date 3/25/69

Name of Employee R. L. Stamets

Time of Departure 8:30 a.m. Time of Return 5:10 p.m.

Miles Travelled 207

In the space below please indicate purpose of trip and duties performed, listing wells or leases visited.

To Eddy County to check water production. Welch Delaware Pool,
T26S-R27E. Wells producing on gas engine pumps 24 hours a day
according to the pumper. Water was going to the pit at the rate
of one gallon in 18 seconds or 110 BWPD. The water goes into a
hole in the pit about 3 feet in diameter, 12 feet deep and goes
underground immediately. Took water sample. There is a dug stock
tank in Owl Draw about 1.5 miles south of the tank battery and a
windmill in the SW SW 22-26-27. The windmill is at an abandoned
ranch house and is currently supplying stock water. A sample was
taken. No other windmills or stock tanks were seen.

Continued:

R. L. Stamets
Employee's Signature
District # 2

The El Paso Compressor Station in 12-26-28, gets its water supply from two wells of unknown depth in NW 8-26-30. They furnish volumes of from 0.5 to 1.2 million gallons per month for El Paso and two or three ranches.

Brushy Draw-Delaware Pool. Checked 7 wells for Curtis Hankamer. They were making from 1.5 to 49 BWPD to the pits. The high producers will be cancelled.

Pecos Delaware Pool 34-26-29. George H. Mitchell, Littlefield BO Fed. the well flows "on the clock" which appears to be set for 4 one hour flows per day. The well was on a SI cycle while I was there and the pit was virtually dry. There was some water in two pits on the west side of the main pit. This appeared to be rain water off the location. Ford Chapman, Gulf Pipkin Federal #1-H, 36-26-29. The well is and has been for some time SI. The pump sheaves are rusty. A 30 X 30 pit at the battery appears to have a foot or two of water in it along with some oil. The leases immediately to the south in Texas are being produced and the water, about 34 BPD in one case, is going to unlined pits. There is some farming in the area north of the pool. The water source is unknown at this time. We will check.