

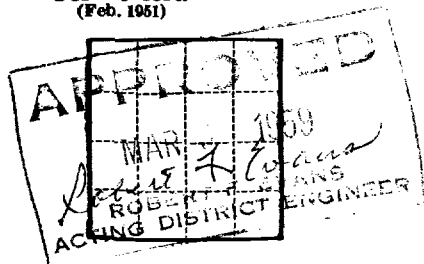
(SUBMIT IN TRIPLICATE)

Land Office Las Cruces

Lease No. 02427

Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Notice of Intention to Inject Water	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 3, 1959

Well No. Etz C 1 is located 1980 ft. from N line and 1980 ft. from E line of sec. 34
NW/4 SE/4 of 34 16 South 30 East N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Square Lake Eddy County New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well has been cleaned to total depth of 3146 feet and casing tested to 2500 pounds for the purpose of injection of water obtained from the shallow sands above 400 feet into the Grayburg formation at the approximate depth of 3085 feet and the San Andres formation at the approximate depth of 3146 feet.

BEFORE EXAMINER NUTTER
 OFFICE OF MINERAL INVESTIGATION
John C. Nutter EXHIBIT NO. 4
 CASE NO. 1614

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Texas Consolidated Oils, Incorporated

Address Box 955

Andrews, Texas

By W. Randolph Reese
 Title Attorney

FIELD LABORATORY REPORT

WATER ANALYSIS

ILLEGIBLE

8

Dowell
Andrews, Texas

Midland, Texas

9065

Texas National Petr. Co. Water Well # 2

Attention: Mr. Hart

DATE SAMPLE SUBMITTED

November 26, 1958

SAMPLE SOURCE

Hart

Complete

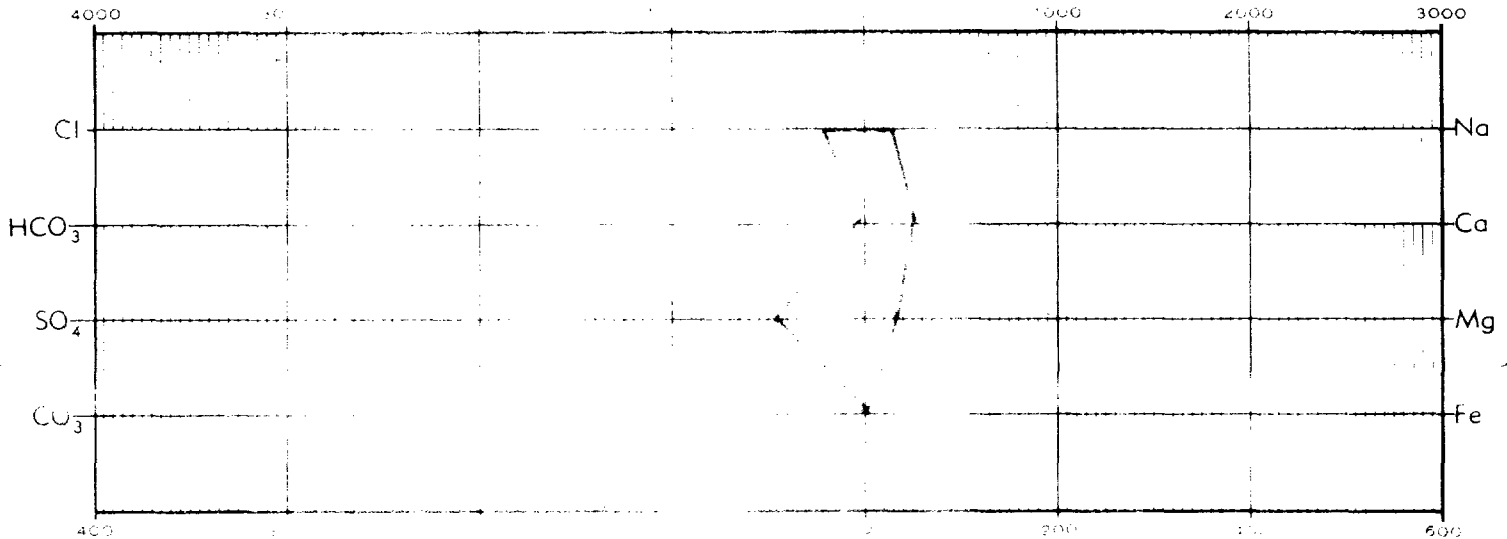
	PPM	PPM	PPM	EPM
CALCIUM	950	47	6,730	190
MAGNESIUM	433	36	2,120	44
SODIUM	3,540	154	157	3
IRON				
HYDROGEN				
SULFIDE				
SPECIFIC GRAVITY				

1.010

69

1.55

CHART OF EPM



MARKS: This water was mixed with water from well # 1. There was no visible precipitates formed from mixing these two samples.

cc:
Resene, Tulsa
Hurst, Midland
Stewart, Amarillo
Hart, Andrews

December 1, 1958

SAS/pl

E. A. Stewart