



Produced Water :: Samples Query

Database Query Page

- Searchable on various parameters including location and formation

Water Sample Search

API Number

County

Township

Range

Section

Formation

Well Name

Field

Search

Reset Form

NM WAIDS web site:

- Conversion to new website format is complete
- Searchable database queries complete
- Corrosion/scale site revision complete
- Data packaging and download file creation function complete
- Remaining functionality – GIS mapping and downloads
- Basic website should be online from <http://gotech.nmt.edu/gotech> sometime early October.

Produced Water :: Sample Search Results

You searched for... County: Lea << Back to Search Page

Download Selected

Showing 1 to 20 of 3,011 entries

Search:

Sample ID	API	Well Name	Section	Town	Range	Field	Formation	Collected
66		GRAHAM STATE NCT A 002	24	18S	03E	Hobbs GrayB-SAD		1932-08-18
68		CHILDERS FEDERAL 001	11	09S	03E	ALLISON		1957-10-22
71		F W KUTTER NCT B 003	28	19S	03E	Monument GrayB-SAD		
83		LEARCY MCBUFFINGTON 012	13	25S	03E	452BLBR		
87		B C DICKINSON B 004	12	15S	03E	DENTON		
109		B C DICKINSON B 004	12	15S	03E	DENTON		
163		D F WILLHOIT 001	18	17S	03E	300DVNN		
263		B C DICKINSON B 005	12	15S	03E	DENTON		
271		F W KUTTER NCT B 003	28	19S	03E	Monument GrayB-SAD		
725		B C DICKINSON B 004	12	15S	03E	DENTON	WOLF	1956-07-03

Query Results Page 1

- Listing of basic information meeting search criteria
- List is sortable by any column heading
- Samples are selectable for downloading

Water Sample Mix

API		Well Name		ID	Date Collected						
3002505075		MARSHALL E COLE		901	1958-08-30 00:00:00.0						
Water Sample 1: Ions & Dissolved Gases (mg/L)											
Ca ⁺⁺		Mg ⁺⁺		Na ⁺		Ba ⁺⁺		Fe ⁺⁺		Sr ⁺⁺	
CO ₃ ⁼		HCO ₃ ⁻	150.0	SO ₄ ⁼	45200.0	Cl ⁻	37200.0	OH ⁻			
H ₂ S		O ₂		CO ₂							
pH	7.9	Temperature (F)		Ratio 1 / Volume							Clear
Water Sample 2: Ions & Dissolved Gases (mg/L)											
Ca ⁺⁺		Mg ⁺⁺		Na ⁺		Ba ⁺⁺		Fe ⁺⁺		Sr ⁺⁺	
CO ₃ ⁼		HCO ₃ ⁻		SO ₄ ⁼		Cl ⁻		OH ⁻			
H ₂ S		O ₂		CO ₂							
pH		Temperature (F)		Ratio 2 / Volume							
Instructions:											
There are two types of mixing available:											
Mix by Ratio: Insert Temperatures and Ratios for each sample and the Total Volume											
Mix by Volume: Insert Temperatures and Volumes for each sample.											
Then click Mix.											

Sample mixing tools conversion done – this function enables users to mix waters of two different compositions and volumes to find the resultant water composition as well as predict scale and mineralization

SALINE WATER DATA U.S.G.S., WATER RESOURCES DIVISION, ALBUQUERQUE, NEW MEXICO V.L. HISS 1968 PAGE NO. 1391

LOCATION T 20 S, R 37 E, S. 6, 660 FS L 1900 FE L SEC, LEA COUNTY, N, MEX., COMPL DATE 05/09/36 TD 3884 ELEVATIONS-REF PT H 3667

OPERATOR GULF OIL CORP. C MATHEWS WELL NUMBER 1 FIELD MONUMENT GRAYB-SAO PERM DATUM M REF NUMBER MNO LAT 32,59630 N LONG 103,28840

AND LEASE

WATER FROM FORMATION, SAMPLE SOURCE RECORD SOURCE BJH FILE NUMBER

SAMPLED INTERVAL 3180-3742 FIELD PRODUCING FORMATION LOG MILLI-EQUIVALENTS PER LITER

RESISTIVITY	OHM-M AT	DEG F-MEASURED	CL SAL AS NA CL	43438	5	4	3	2	1	0	1	2	3	4	5
RESISTIVITY	.173 OHM-M AT	65 DEG F-CALCULATED	NA CL EQUIV	45613	10					0					10
CONDUCTIVITY IN M-MHOS,	AT 25 DEG C-MEAS,		57921 AT 18 DEG C-CALC		CA	*****0***** HCO3									
PH 7.4	SP G 1.034 AT 4	DEG F	DATE SAMPLED 10/58			*****0*****									
*W-CALC	MPL	MEL	PC TDS	MPL	MEL	PC TDS									
CA	2399	120	5.2	SI02	*****										
MG	599	49	1.3	FE	*****										
NA+K	14373	625	31.1	F											
CL	26367	764	57.0	NO3	*****										
SO4	1592	33	3.4	H2S											
HCO3+CO3	913	15	2.0	*NA CL	36972	626	79.1								

TOTAL DISSOLVED SOLIDS-DETERM CALC 46243 REMARKS

*** DATA NEEDED FOR COMPLETE SAMPLE IDENTIFICATION ***

FORMATION SOURCE MISSING

- Newly-found USGS water sample data has been digitized, this has data for several townships in SE NM.
- Additional water sample data has been located in OCD data archive and will be digitized and added
- Database will be cleaned and improved to add better well information and location data.