

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

app. EXHIBIT NO. 2

CASE NO. 3842

Form C-108
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR Continental Oil Company		ADDRESS Box 460, Hobbs, New Mexico	
LEASE NAME Eaves "A"	WELL NO. 10	FIELD Scarborough	COUNTY Lea
LOCATION UNIT LETTER P ; WELL IS LOCATED 660 FEET FROM THE South LINE AND 990 FEET FROM THE East LINE, SECTION 19 TOWNSHIP 26S RANGE 37E NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8 5/8	379'	300	surface	circ.
INTERMEDIATE	-	-			
LONG STRING	5 1/2	3255'	935	surface	circ.
TUBING	3 1/2"	3195'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Tension Model AD or equivalent @ 3195'		

NAME OF PROPOSED INJECTION FORMATION Seven Rivers	TOP OF FORMATION 3183	BOTTOM OF FORMATION Approx. 3610
---	---------------------------------	--

IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? tubing	PERFORATIONS OR OPEN HOLE? Perforations	PROPOSED INTERVAL(S) OF INJECTION 3208-3255
---	---	---

IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? producing oil well	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? Yes
---	---	---

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH
3244-55(CIBP @ 3200' w/1 sk. cmt); 3174'-82, 3156'-64', 3107', 3118', 3129' (100 sks)

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 200'	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None
---	--	--

ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 2000	MINIMUM 2000	MAXIMUM 6000	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? gravity	APPROX. PRESSURE (PSI) 0
---	------------------------	------------------------	---	--	------------------------------------

ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - No	WATER TO BE DISPOSED OF No	NATURAL WATER IN DISPOSAL ZONE No	ARE WATER ANALYSES ATTACHED? No
--	--------------------------------------	---	---

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)
Tom & Evelyn Linebery, Box 1536, Midland, Texas 79701

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL
El Paso Natural Gas Co., Jal, New Mexico

Wolfson Oil Company, 311 Midland Nat'l. Bank Bldg., Midland, Texas

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? No	SURFACE OWNER No	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL No	THE NEW MEXICO STATE ENGINEER No
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) Yes	PLAT OF AREA Yes	ELECTRICAL LOG No	DIAGRAMMATIC SKETCH OF WELL No

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

[Signature]
(Signature)

Assistant Division Manager
(Title)

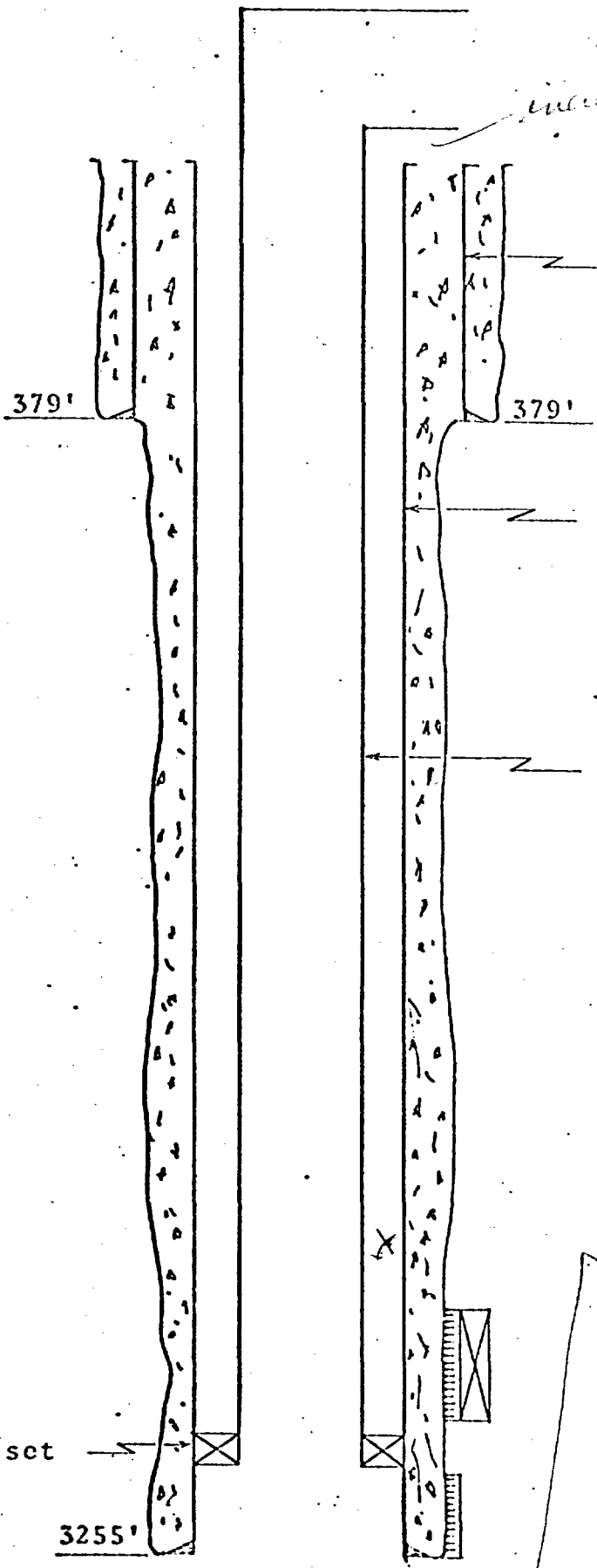
7-19-68
(Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

EXHIBIT NO. 2

BEFORE EXAMINER NUTTER
 CONSERVATION COMMISSION
 app. EXHIBIT NO. 3
 CASE NO. 3742

Eaves A No. 10
 990' FEL & 660' FSL, Sec. 19, T-26S, R-37E
 Elev. 2948'
 "0" pt. 10' above LF



8 5/8" OD, 24#/ft., J-55
 csg. set at 379'. Cmt
 w/300 sx to surface. Cmt.
 circulated.

5 1/2" OD, 14#/ft., J-55
 csg. set at 3255'. Cmt
 w/860 sx w/8% gel and 75 sx
 neat to surface. Cmt circ.

3 1/2" OD, 9.3#/ft., J-55
 tbg. set at 3195'. Tubing
 is to be plastic lined.

Tension Packer set
 at 3195'.

Perf. interval: 3107, 3118,
 3129' w/2SPF, and 3156-64',
 3174-82' w/4 SPF. To be
 squeezed w/100 sx cement.

Disposal Interval (proposed)
 3208-3255' w/4 SPF.

New TD 3410

EAVES A NO. 10

3100

TOP of SEVEN RIVERS

3200

INTERVAL
TO BE
PERF.
3208'
3255'

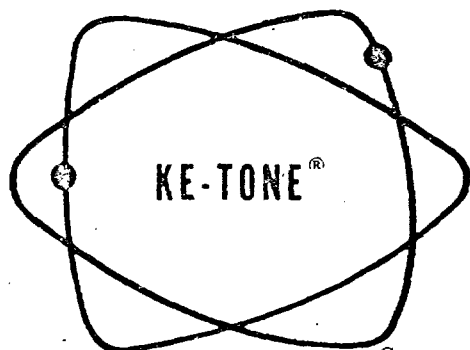
3.00 0.55

BEFORE EXAMINER NUTTER

EXAMINATION NO. 3842

CASE NO. 3842

TELEPHONE: HOBBS 393-6215



UNITED CHEMICAL CORPORATION

OF NEW MEXICO

601 NORTH LEECH

P. O. BOX 1499

HOBBS, NEW MEXICO 88240

Company Continental Oil Company

Field Jalmat Pool NMFU

Lease Eaves #12

Sampling Date 5/23/68

Type of Sample _____

WATER ANALYSIS

IONIC FORM	me/l *	mg/l *
Calcium (Ca++)	11.98	240
Magnesium (Mg++)	11.43	139
Sodium (Na+) (cal.)	89.93	2067
Iron		
Bicarbonate (HCO ₃)	30.79	1878
Carbonate (CO ₃ -)		NOT FOUND
Hydroxide (OH-)		NOT FOUND
Sulphate (SO ₄ -)	0.77	37
Chloride (Cl-)	81.78	2900
7.5 pH c @ 68 ° F		
Dissolved Solids on Evap. at 103° - 105° C		
Hardness as Ca CO ₃	23.41	1171
Carbonate Hardness, as CaCO ₃ (temporary)	30.79	1540
Non-Carbonate Hardness as CaCO ₃ (permanent)		
Alkalinity as CaCO ₃	30.79	1540
Specific Gravity c 68° F	1.000	

* mg/l = milligrams per Liter
 * me/l = milliequivalents per Liter

BEFORE EXAMINER NUTTER
 CIL CORPORATION COA
apc
 ANALIT NO. 5
 CASE NO. 3842

5

Makes Water Work

