

CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

Operator: RAY HARRIS Well: Buco No. 1
Contact: RAY HARRIS Title: GEOLOGIST Phone: 505-677-2370
DATE IN 5-15-97 RELEASE DATE 5-30-97 DATE OUT 7-7-97

Proposed Injection Application is for: WATERFLOOD Expansion Initial

Original Order: R- Secondary Recovery Pressure Maintenance

SENSITIVE AREAS

X **SALT WATER DISPOSAL** X **Commercial Well**

WIPP Capitan Reef

Data is complete for proposed well(s)? YES Additional Data Req'd _____

AREA of REVIEW WELLS

3 Total # of AOR 0 # of Plugged Wells
YES Tabulation Complete — Schematics of P & A's
YES Cement Tops Adequate N/A AOR Repair Required

INJECTION FORMATION

Injection Formation(s) DELAWARE Compatible Analysis YES

Source of Water or Injectate _____

PROOF of NOTICE

YES Copy of Legal Notice YES Information Printed Correctly
YES Correct Operators — Copies of Certified Mail Receipts
NO Objection Received — Set to Hearing _____ Date

NOTES: _____

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL? —

COMMUNICATION WITH CONTACT PERSON:

1st Contact:	<u>—</u> Telephoned	<u>—</u> Letter	_____ Date	Nature of Discussion _____
2nd Contact:	<u>—</u> Telephoned	<u>—</u> Letter	_____ Date	Nature of Discussion _____
3rd Contact:	<u>—</u> Telephoned	<u>—</u> Letter	_____ Date	Nature of Discussion _____

MAY 15 1997

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no
- II. Operator: RAY WESTALL
Address: P.O. Box 4 Loco Hills, NM 88255
Contact party: RANDALL HARRIS Phone: 505 677-2370
- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____.
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- * VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- * XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification
- I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- Name: RANDALL HARRIS Title: GEOLOGIST
Signature: [Signature] Date: 5/19/97
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

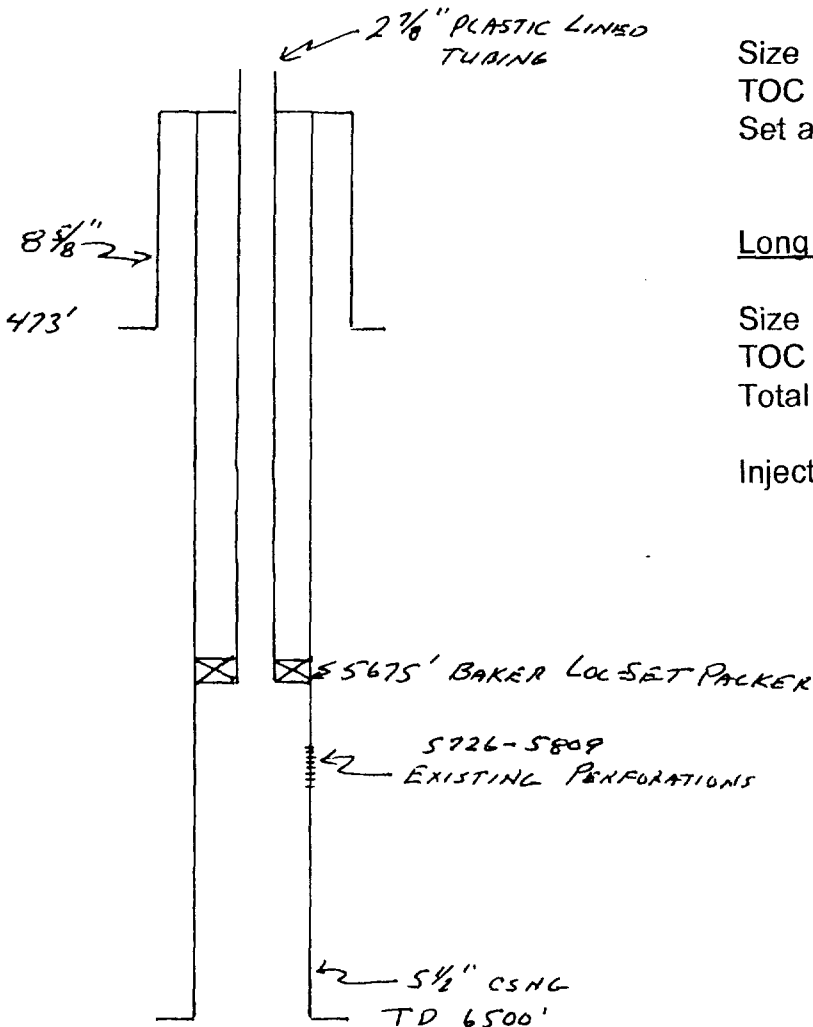
RAY WESTALL OPERATOR

BELCO #1

2200' FNL & 660' FWL SECTION 20, TOWNSHIP-23-SOUTH, RANGE-28-EAST

Schematic

Tabular data



Surface Casing

Size 8 5/8" Cemented with 280 sxs
TOC Circulated Hole size 12 1/4"
Set at 473'

Long string

Size 5 1/2" Cemented with 1820 SXS
TOC Circulated
Total depth 6500'

Injection Interval 5726-5809' perforated

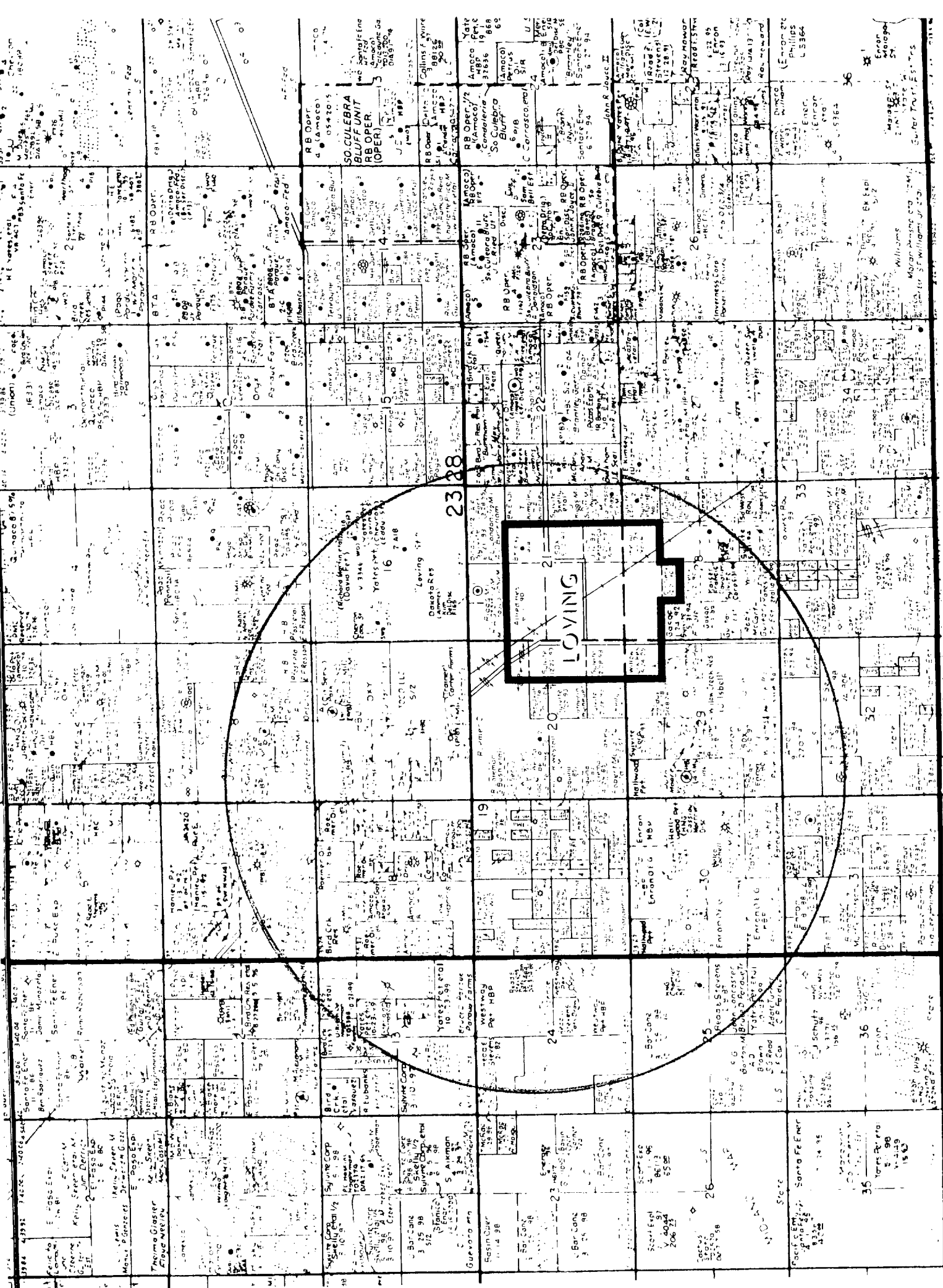
Tubing size 2 7/8" lined with plastic set in a BAKER LOC-SET packer at 5675'.

Other Data

1. Name of the injection formation: DELAWARE
2. Name of Pool: LOVING SOUTH DELAWARE.
3. Original purpose of well: OIL & GAS PRODUCTION
4. Well has been perforated 5218-5254, 4184-4195 both cement squeezed.
5. Loving, North Morrow underlys this area at approximately 12,300'.

ATTACHMENT V

Maps that identifies all wells of public record within two miles of each proposed injection well, and the area of review one-half mile radius around each proposed injection well.



[illegible]

ATTACHMENT VI

Data on all wells of public record within the area of review.
There are no plugged wells.

Well name	Location	Spud date	Sur. Casing	Int. Casing	Prod. Casing	Completion
TOCO LLC Guitar Estate Com #1	SWNE Sec 19 T23S-R28E	04/02/80	16" @ 368 900 sxs Circ.	10 3/4"@ 2420 2300 sxs Circ. 7" @ 9660 1350 sxs Circ.	5" @ 12,5806 760sxs T/2450	12410-12536 Loving North Morrow Gas
Ray Westall Belco #2	SENW Sec 20 T23S-R28E	12/12/85	8 5/8" @ 475 200 sxs Circ.		5 1/2" @ 5930 665 sxs Circ	5846-5865 Loving Delaware OIL
Ray Westall Lakey #1	NWSW Sec 20 T23S-R28E	06/15/80	20" @ 450 750 sxs Circ.	10 3/4"@ 2,415 2,175 sxs Circ. 7 5/8" @ 9,615 1,610 sxs T/2030	5" @ 12,330' 730 sxs	124008-12505 Loving North Morrow Gas

ATTACHMENT VII

PROPOSED OPERATION

1. Plans are to inject 150-200 bbls of produced water per day.
2. The injection system is be a closed system.
3. The estimated injection pressure is 500 psig. Maximum pressure will be 1000 psig.
4. Injection fluid will be reinjected produced water from the Belco #2 and Lakey #1.
5. A sample of produced water is attached.

LOCATION

YOUR EXT. NO.

THE WESTERN COMPANY

WATER ANALYSIS

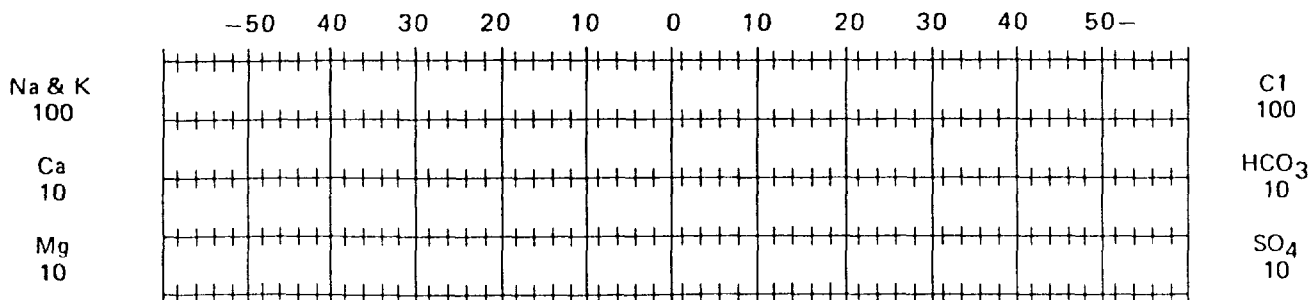
ANALYSIS NO.

GENERAL INFORMATION	
OPERATOR <u>RAY WESTALL</u>	DATE SAMPLED <u>5-8-85</u>
WELL <u>BEACO #1</u>	DATE RECEIVED <u>5-8-85</u>
FIELD	SUBMITTED BY
FORMATION <u>DELEWARE</u>	WORKED BY <u>DP & R.W.</u>
COUNTY <u>EDDY</u>	SAMPLE DESCRIPTION:
STATE <u>N.M.</u>	
DEPTH	

PHYSICAL AND CHEMICAL DETERMINATIONS	
SPECIFIC GRAVITY <u>1.205</u> AT <u>78</u> °F	TOTAL DISSOLVED SOLIDS PPM
pH <u>6</u>	RESISTIVITY <u>.051</u> AT <u>78</u> PPM
IRON <u>GOOD / STRONG</u>	SULFATE <u>500</u> PPM
HYDROGEN SULFIDE <u>NONE</u>	BICARBONATE <u>.7</u> <u>427</u> PPM
HARDNESS <u>240</u> <u>240,000</u>	CHLORIDE <u>9.3</u> <u>186,000</u> PPM
CALCIUM <u>9.6</u> <u>38,400</u>	SODIUM CHLORIDE <u>305,970</u> PPM
MAGNESIUM <u>34,992</u> PPM	SODIUM PPM
SODIUM & POTASSIUM <u>10,839.9</u> PPM	POTASSIUM PPM
PHOSPHATE	<u>KCL = 0 %</u>

REMARKS:
<u>5245.2</u> <u>8.2</u> <u>10.4</u> <u>5263.8</u> <u>1916.16</u> <u>2876.34</u> <u>4792.50</u>

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



ATTACHMENT VIII

The proposed injection zones are sands of the Delaware Formation. These sands are composed of fine-grained quartz sand with varying amounts of shales. They have varying thickness from 1-100 feet thick. There is possible drinking water overlying the injection in the surface sands at a depth of 0-350'. There is no known source underlying the injection interval.

ATTACHMENT XII

All available geologic and engineering data have been examined and there is no evidence of open faults or any other hydrologic connection between the disposal zone and any source of drinking water.

ATTACHMENT XI

Listing of water wells in the area with analysis from the State engineers office.

2526 C	00311	SA	04	00	1947	10R PRT	235 ZNE	15	121	235 ZNE	015	0799	CHARTERED C & JR	0.00	0.00	
2527 C	00320	SA	12	17	1953	57K PRT	235 ZNE	16	311	235 ZNE	16	0863	CHARTER FARM CO	0.00	1.00	
2528 C	00321	SA	12	17	1953	57K PRT	235 ZNE	16	311	235 ZNE	16	0863	CHARTER FARM CO	0.00	1.00	
2529 C	0172A	SA	16	25	1944	008 PRT	235 ZNE	17	2000	235 ZNE	17		PELLE JAMES J	0.00	1.00	
2530 C	00351	SA	06	19	1959	008 PRT	235 ZNE	17	310	235 ZNE	17	0863	CHARTER FARM CO	0.00	1.00	
2531 C	00317 S	C	00315	04	07	1952	10R PRT	235 ZNE	17	3333	235 ZNE	16	0893	CHARTER FARM INC	0.00	0.00
2532 C	00441	SR	00004 P	07	14	1953	10R PRT	235 ZNE	18	11114	235 ZNE	18	0893	CHARTER FARM INC	0.00	0.00
2533 C	00333	SR	00004 P	07	00	1957	10R LIC	235 ZNE	18	2140	235 ZNE	09	0476	STEEN CREDIT CO & CARROLL S	0.00	0.00
2534 C	00333 S	SR	00004 P	00	30	1946	10R LIC	235 ZNE	18	210234	235 ZNE	18	1993	PULLMAN & CARROLL	0.00	0.00
2535 C	01891	SA	04	30	1947	10R PRT	235 ZNE	18	2202	235 ZNE	18	0893	CHARTER FARM INC	7.00	71.18	
2536 C	01891	SA	04	00	1947	10R PRT	235 ZNE	18	22120	235 ZNE	17	0893	CHARTER FARM INC	100.00	317.50	
2537 C	01891	SA	04	00	1947	10R PRT	235 ZNE	18	22120	235 ZNE	16	0893	CHARTER FARM INC	0.00	0.00	
2538 C	01891	SA	04	00	1947	10R PRT	235 ZNE	18	22120	235 ZNE	16	0893	CHARTER FARM INC	0.00	0.00	
2539 C	01891	SA	04	00	1947	10R PRT	235 ZNE	18	22120	235 ZNE	16	0893	CHARTER FARM INC	0.00	0.00	
2540 C	00231 S	C	00231 S	00	00	1946	10R PRT	235 ZNE	18	3333	235 ZNE	18	0493	FARM CREDIT BANK OF MICHIGAN	20.00	60.00 04/75
2541 C	00231	SR	00004 P	00	00	1946	10R PRT	235 ZNE	18	3333	235 ZNE	18	0471	WHEELER & S	0.00	0.00
2542 C	00230	SA	00	18	1959	00R PRT	235 ZNE	18	3	235 ZNE	018	0897	JONES RICHARD LEE & PATRICIA R	0.00	1.00 01/79	
2543 C	00231 S	C	00231 S	00	00	1946	10R PRT	235 ZNE	18	3333	235 ZNE	018	0493	ROBINSON ALBERT C AND LARRY S	93.00	279.00 04/75
2544 C	00231 A	SR	00004	00	00	1946	10R PRT	235 ZNE	18	3333	235 ZNE	018	0493	ROBINSON ALBERT C AND LARRY S	0.00	0.00 04/75
2545 C	01992	SA	12	02	1981	00R PRT	235 ZNE	19	143	235 ZNE	19	0894	BEARD & STEVEN	0.00	0.00	
2546 C	00785	SA	07	02	1957	ETP PRT	235 ZNE	19	310	235 ZNE	19	1287	JOHNALD EMMERSON	0.00	0.00 01/88	
2547 C	01537	SA	04	16	1974	00R PRT	235 ZNE	19	3110	235 ZNE	19		MILLER JAMES D	0.00	1.00	
2548 C	00716	SA	00	00	1960	00R PRT	235 ZNE	19	330	235 ZNE	19	0476	JOHNALD EMMERSON	0.00	0.00	
2549 C	01477	SR	00006 P	06	05	1972	10R PRT	235 ZNE	19	33120	235 ZNE	19	0493	SCOTT S E	0.00	0.00
2550 C	00348	SA	08	20	1952	00R PRT	235 ZNE	20	04	235 ZNE	20	0741	C. L. S	0.00	0.00	
2551 C	00312	SR	00006 P	04	07	1952	10R PRT	235 ZNE	20	13304	235 ZNE	20	0893	CHARTER FARM INC	0.00	0.00
2552 C	01892 S	SR	00006 P	03	00	1947	10R PRT	235 ZNE	20	1446	235 ZNE	20	0893	CHARTER FARM INC	0.00	0.00
2553 C	01892	SA	12	00	1946	10R PRT	235 ZNE	20	2204	235 ZNE	20	0893	CHARTER FARM INC	170.00	418.50	
2554 C	01892	SA	12	00	1946	10R PRT	235 ZNE	20	2204	235 ZNE	20	0893	CHARTER FARM INC	0.00	0.00	

2552 C	01852	SR	04	23	1977	308 PRT	Z35 ZBE	20	409	Z35	ZBE	20	0894	EDDIE BET SAMUEL	8.00	1.00
2553 C	00811	SR	01	12	1984	308 PRT	Z35 ZBE	20	421	Z35	ZBE	20	0843	EDDIE BET DILL	0.00	1.00
2554 C	00837	SR	02	18	1954	308 PRT	Z35 ZBE	21	333	Z35	ZBE	21	1297	BILL JENNIFER B	0.00	1.00 01/79
2555 C	00544	SR	03	04	1934	308 PRT	Z35 ZBE	21	133	Z35	ZBE	21	0843	DAVIS B J	0.00	1.00
2556 C	01341	SR	03	18	1946	308 PRT	Z35 ZBE	21	1334	Z35	ZBE	21		KIMBLEY J J	1.00	2.00
2557 C	01773	SR	03	20	1952	308 PRT	Z35 ZBE	21	1334	Z35	ZBE	21	0785	WILLIAM A C	0.00	0.00
2558 C	00306	SR	02	28	1952	308 PRT	Z35 ZBE	21	1334	Z35	ZBE	21	0473	KIMBLEY J J	0.00	0.00
2559 C	00385	SR	08	11	1954	308 PRT	Z35 ZBE	21	211	Z35	ZBE	21	0843	LEONARD FRANK I	0.00	0.00
2560 C	01885	SR	12	06	1979	308 PRT	Z35 ZBE	21	720	Z35	ZBE	21	0894	LEONARD FRANK	0.00	1.00
2561 C	00306	C	03	04	1957	308 PRT	Z35 ZBE	21	253	Z35	ZBE	21	0473	KIMBLEY J J	0.00	0.00
2562 C	00766	SR	05	11	1954	308 PRT	Z35 ZBE	21	310	Z35	ZBE	21	0843	JOPE J L	1.00	1.00
2563 C	00228	SR	01	00	1954	308 PRT	Z35 ZBE	21	311	Z35	ZBE	21	0895	LORRINE VILLAGE OF	0.00	0.00
2564 C	00228	C	00	00	1947	308 PRT	Z35 ZBE	21	311	Z35	ZBE	21	0763	LORRINE VILLAGE OF	0.00	0.00
2565 C	00577	SR	03	24	1954	308 PRT	Z35 ZBE	21	313	Z35	ZBE	21	1297	JOPE J L	0.00	0.00 01/78
2566 C	00578	SR	07	27	1954	308 PRT	Z35 ZBE	21	313	Z35	ZBE	21	0843	NICHOLS CARL H	0.00	1.00
2567 C	00443	SR	03	02	1955	308 PRT	Z35 ZBE	21	313	Z35	ZBE	21	0843	HUTTON J R	0.00	1.00
2568 C	00485	SR	04	10	1954	308 PRT	Z35 ZBE	21	323	Z35	ZBE	21	1297	LORRINE VILLAGE OF	0.00	0.00 01/78
2569 C	00480	SR	04	18	1955	308 PRT	Z35 ZBE	21	334	Z35	ZBE	21	0843	CARLTON TONY	0.00	1.00
2570 C	00716	SR	04	08	1956	308 PRT	Z35 ZBE	21	333	Z35	ZBE	21	0843	JONES LEONARD	0.00	1.00
2571 C	00444	SR	08	08	1955	308 PRT	Z35 ZBE	21	341	Z35	ZBE	21	0843	JOPE J L	0.00	1.00
2572 C	00427	SR	05	02	1952	308 PRT	Z35 ZBE	21	0234	Z35	ZBE	21	0895	CARLTON TONY	0.00	0.00
2573 C	00306	C	02	28	1952	308 PRT	Z35 ZBE	21	133	Z35	ZBE	21	0895	CARLTON TONY	0.00	0.00 02/74
2574 C	01124	SR	05	11	1946	308 PRT	Z35 ZBE	22	1334	Z35	ZBE	22	0895	KIMBLEY WALTER	0.00	1.00
2575 C	01872	SR	04	19	1979	308 PRT	Z35 ZBE	22	1334	Z35	ZBE	22	0894	WILLIE PERRY	0.00	1.00
2576 C	00127	SR	03	01	1946	308 PRT	Z35 ZBE	22	122	Z35	ZBE	22	0473	HICKS C E	0.00	0.00
2577 C	00423	SR	01	06	1945	308 PRT	Z35 ZBE	22	1311	Z35	ZBE	22	0895	HICKMAN J J	0.00	0.00
2578 C	01887	SR	04	18	1972	308 PRT	Z35 ZBE	22	143	Z35	ZBE	22	0895	JOHN WATKINS	0.00	0.00
2579 C	00094	SR	08	29	1974	308 PRT	Z35 ZBE	22	2311	Z35	ZBE	22	0374	JOHN WATKINS	0.00	1.00 02/74
2580 C	00094	SR	01	21	1948	308 PRT	Z35 ZBE	22	2312	Z35	ZBE	22	1945	JOHN WATKINS	0.00	1.00
2581 C	00094	SR	01	23	1948	308 PRT	Z35 ZBE	22	2434	Z35	ZBE	22	0374	JOHN WATKINS	0.00	0.00 02/74

C	20195	5	140	241	54/11/04	355	108	223.276.04.11240	3184.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20196	5	141	242	55/07/16	356	109	223.276.04.11241	3185.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20197	5	142	243	56/02/14	357	110	223.276.04.11242	3186.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20198	5	143	244	57/02/14	358	111	223.276.04.11243	3187.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20199	5	144	245	58/02/14	359	112	223.276.04.11244	3188.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20200	5	145	246	59/02/14	360	113	223.276.04.11245	3189.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20201	5	146	247	60/02/14	361	114	223.276.04.11246	3190.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20202	5	147	248	61/02/14	362	115	223.276.04.11247	3191.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20203	5	148	249	62/02/14	363	116	223.276.04.11248	3192.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20204	5	149	250	63/02/14	364	117	223.276.04.11249	3193.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20205	5	150	251	64/02/14	365	118	223.276.04.11250	3194.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20206	5	151	252	65/02/14	366	119	223.276.04.11251	3195.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20207	5	152	253	66/02/14	367	120	223.276.04.11252	3196.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20208	5	153	254	67/02/14	368	121	223.276.04.11253	3197.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20209	5	154	255	68/02/14	369	122	223.276.04.11254	3198.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20210	5	155	256	69/02/14	370	123	223.276.04.11255	3199.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20211	5	156	257	70/02/14	371	124	223.276.04.11256	3200.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20212	5	157	258	71/02/14	372	125	223.276.04.11257	3201.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20213	5	158	259	72/02/14	373	126	223.276.04.11258	3202.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20214	5	159	260	73/02/14	374	127	223.276.04.11259	3203.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20215	5	160	261	74/02/14	375	128	223.276.04.11260	3204.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20216	5	161	262	75/02/14	376	129	223.276.04.11261	3205.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20217	5	162	263	76/02/14	377	130	223.276.04.11262	3206.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20218	5	163	264	77/02/14	378	131	223.276.04.11263	3207.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20219	5	164	265	78/02/14	379	132	223.276.04.11264	3208.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20220	5	165	266	79/02/14	380	133	223.276.04.11265	3209.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20221	5	166	267	80/02/14	381	134	223.276.04.11266	3210.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20222	5	167	268	81/02/14	382	135	223.276.04.11267	3211.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20223	5	168	269	82/02/14	383	136	223.276.04.11268	3212.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20224	5	169	270	83/02/14	384	137	223.276.04.11269	3213.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20225	5	170	271	84/02/14	385	138	223.276.04.11270	3214.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20226	5	171	272	85/02/14	386	139	223.276.04.11271	3215.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20227	5	172	273	86/02/14	387	140	223.276.04.11272	3216.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20228	5	173	274	87/02/14	388	141	223.276.04.11273	3217.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20229	5	174	275	88/02/14	389	142	223.276.04.11274	3218.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20230	5	175	276	89/02/14	390	143	223.276.04.11275	3219.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20231	5	176	277	90/02/14	391	144	223.276.04.11276	3220.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20232	5	177	278	91/02/14	392	145	223.276.04.11277	3221.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20233	5	178	279	92/02/14	393	146	223.276.04.11278	3222.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20234	5	179	280	93/02/14	394	147	223.276.04.11279	3223.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20235	5	180	281	94/02/14	395	148	223.276.04.11280	3224.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20236	5	181	282	95/02/14	396	149	223.276.04.11281	3225.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20237	5	182	283	96/02/14	397	150	223.276.04.11282	3226.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20238	5	183	284	97/02/14	398	151	223.276.04.11283	3227.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20239	5	184	285	98/02/14	399	152	223.276.04.11284	3228.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20240	5	185	286	99/02/14	400	153	223.276.04.11285	3229.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20241	5	186	287	01/03/15	401	154	223.276.04.11286	3230.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20242	5	187	288	02/03/15	402	155	223.276.04.11287	3231.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20243	5	188	289	03/03/15	403	156	223.276.04.11288	3232.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20244	5	189	290	04/03/15	404	157	223.276.04.11289	3233.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20245	5	190	291	05/03/15	405	158	223.276.04.11290	3234.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20246	5	191	292	06/03/15	406	159	223.276.04.11291	3235.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20247	5	192	293	07/03/15	407	160	223.276.04.11292	3236.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20248	5	193	294	08/03/15	408	161	223.276.04.11293	3237.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20249	5	194	295	09/03/15	409	162	223.276.04.11294	3238.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20250	5	195	296	10/03/15	410	163	223.276.04.11295	3239.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20251	5	196	297	11/03/15	411	164	223.276.04.11296	3240.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20252	5	197	298	12/03/15	412	165	223.276.04.11297	3241.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20253	5	198	299	13/03/15	413	166	223.276.04.11298	3242.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20254	5	199	300	14/03/15	414	167	223.276.04.11299	3243.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20255	5	200	301	15/03/15	415	168	223.276.04.11300	3244.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20256	5	201	302	16/03/15	416	169	223.276.04.11301	3245.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20257	5	202	303	17/03/15	417	170	223.276.04.11302	3246.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20258	5	203	304	18/03/15	418	171	223.276.04.11303	3247.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20259	5	204	305	19/03/15	419	172	223.276.04.11304	3248.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20260	5	205	306	20/03/15	420	173	223.276.04.11305	3249.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20261	5	206	307	21/03/15	421	174	223.276.04.11306	3250.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20262	5	207	308	22/03/15	422	175	223.276.04.11307	3251.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20263	5	208	309	23/03/15	423	176	223.276.04.11308	3252.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20264	5	209	310	24/03/15	424	177	223.276.04.11309	3253.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20265	5	210	311	25/03/15	425	178	223.276.04.11310	3254.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20266	5	211	312	26/03/15	426	179	223.276.04.11311	3255.30	3P	17	2620	0	0	ARCX	U	15-23114	0
C	20267	5	212	313	27/													

ATTACHMENT XIV

PROOF OF NOTICE

Leasehold operators within one-half mile of the well location are Amoco and TOCO LLC. Each of these operators were provided a copy of our application by certified mail. Proof of notice is enclosed. The surface owner is Carter farms.

PROOF OF PUBLICATION

Proof of publication will be from the Artesia Daily Press and will be forwarded.

Copies of this application has been sent to:

Amoco
P.O. Box 4891
Houston, Tx. 77210

Certified Mail # P 333 336 145

TOCO LLC
P.O. Box 888
Hobbs, NM. 88241-0888

Certified Mail # P 333 336 144

Oil Conservation Division
811 S. 1st Street
Artesia, NM 88210

Oil Conservation Division
2040 So. Pacheco St.
Santa Fe, NM. 87505-5472

SURFACE OWNER

Albert Carter
1411 W. Orchard Ln.
Carlsbad, NM. 88220

Certified Mail # P 333 336 146