Form C-108
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED
APR 26 1971
OIL CONSERVATION COM.

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

OPERATOR		ADDRESS	
Eugene E. Nearburg		4219 Sigma Road, Dallas, Texas	75240
LEASE NAME	**WELL NO.**	**FIELD**	**COUNTY**
Anderson	7	Allison Penn	Roosevelt

LOCATION

UNIT LETTER H ; WELL IS LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 31 TOWNSHIP 8 South RANGE 37 East NMPM.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	10 3/4	420	225	Circulated	
INTERMEDIATE	7 5/8	4190	1000	Circulated	
LONG STRING	4 1/2	9730	400	7400'	Calculated
TUBING	2 3/8	4850	NAME, MODEL AND DEPTH OF TUBING PACKER: Baker Model AD set 4855'		

NAME OF PROPOSED INJECTION FORMATION	TOP OF FORMATION	BOTTOM OF FORMATION
San Andres	4120	5540

IS INJECTION THROUGH TUBING, CASING, OR ANNULUS?	PERFORATIONS OR OPEN HOLE?	PROPOSED INTERVAL(S) OF INJECTION
Tubing	Perforations	4861' to 4991'

IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?
No	Bough "C" Producer (Casing collapsed)	Yes

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

4 shots per foot 9600 to 9604 & 9606 to 9624

50 sack plug at 7200' Perforated 4½" casing at 5400' and squeezed 210 sacks cement, left top cement in 4½" casing at 5300'.

INJECTION VOLUME (BBLS.)				PRESSURE?	
12	10	100	Closed	Pressure	1,000

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 —	WATER TO BE DISPOSED OF	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?
	Yes	Yes	No

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)

W.P. Bilbrey Cross Roads, New Mexico

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL

Yates Pettoleum Co. 207 West 4 th Street Artesia, N.M. 88210

Marathon Oil Co. Box 552 Midland National Bank Bldg. Midland, Texas 79701

Coastal States Box 235 Wilco Bldg. Midland, Texas 79701

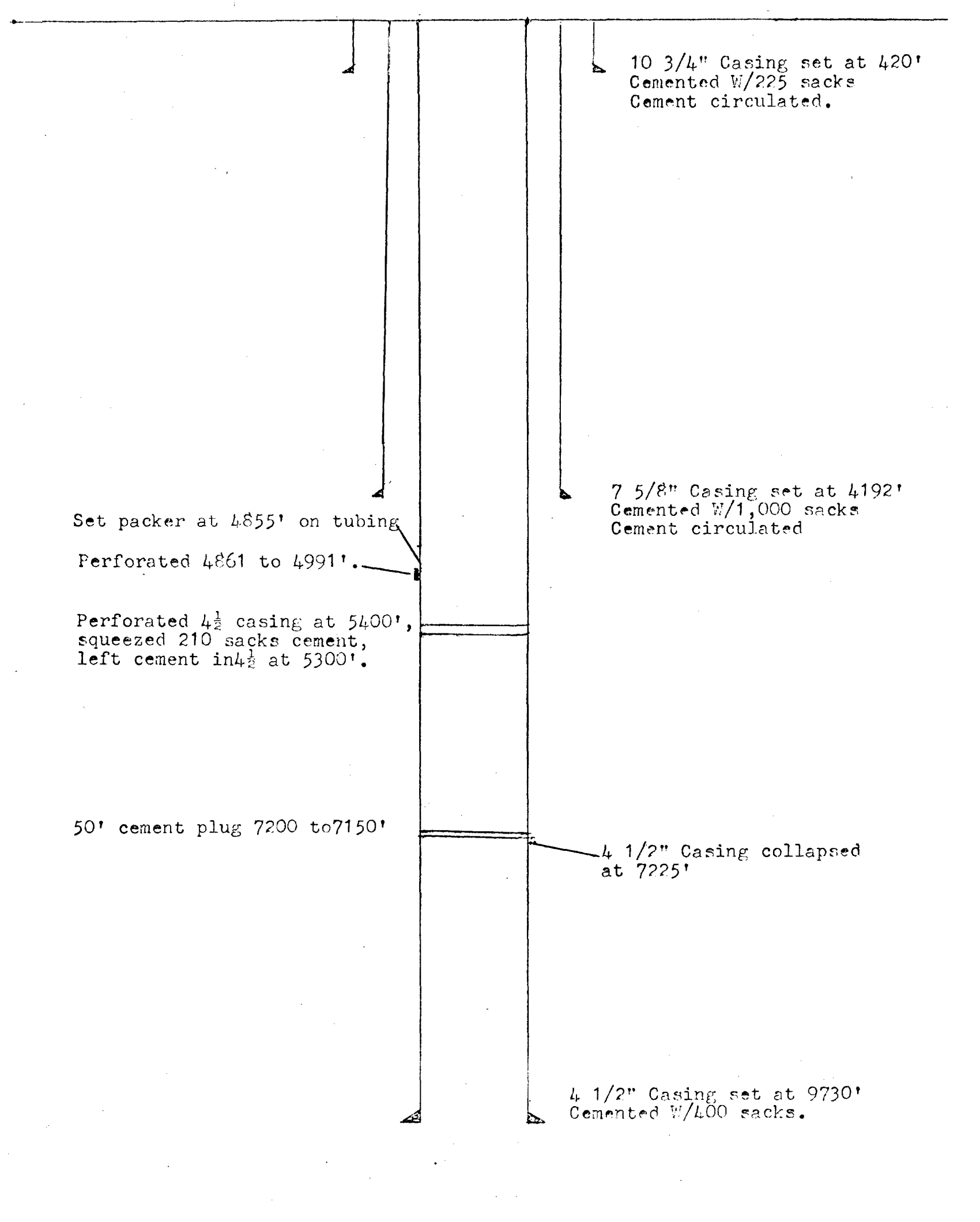
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	THE NEW MEXICO STATE ENGINEER
Yes	Yes	Yes	Not Necessary

ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL
Yes	Yes	Yes	Yes

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

Eddie J. Gelwick (Signature) — Production Supt. (Title) — 4-20-71 (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.


10 3/4" Casing set at 420'
Cemented W/225 sacks
Cement circulated.
7 5/8" Casing set at 4192'
Cemented W/1,000 sacks
Cement circulated
Set packer at 4855' on tubing
Perforated 4861 to 4991'.
Perforated 4½ casing at 5400',
squeezed 210 sacks cement,
left cement in4½ at 5300'.
50' cement plug 7200 to7150'
4 1/2" Casing collapsed
at 7225'
4 1/2" Casing set at 9730'
Cemented W/400 sacks.

Summary - Anderson #7

The No. 7 Anderson was completed in July, 1961 at 9730 TD as a Bough "C" producer in the Allison Penn. Field of Roosevelt Co. New Mexico.

The $4\frac{1}{2}$" casing collapsed during the summer of 1963. The well was recompleted in the San Andres after an attempt to repair the casing failed.

A 50' cement plug was set from 7200' to 7150'. The casing was perforated at 5400', and 200 sacks of cement were squeezed thru the perforations leaving a 100' plug inside the casing, top of the plug was 5300'.

A cement bond log was ran over the San Andres interval and indicated a good bond over the zones of interest.

The well was then perforated from 4991' to 4983' and tested water.

A cast iron bridge plug was set at 4956'.

The well was perforated from 4921' to 4869' and tested water in all perforations below 4869. The perforation at 4869 tested oil.

A cast iron bridge plug was set at 4882'.

The well was completed thru perforations at 4861 to 4869' as a pumping well.

The production declined below the economic limit (1 bbl./day) in 1969 and was shut in.

We plan to drill out the bridge plugs at 4956' and 4882' and inject salt water from our #5 and #6 Anderson Pennsylvanian Wells, in the perforation from 4991' to 4861'.

We will set a Baker Model AD tension packer on 2 3/8" tubing at 4855'.

The San Andres zone should take water on a vacuum for a short time but, due to a poor reservoir it will be necessary to install a disposal pump in the near future.

Well History - Anderson #7

Spud date - June 9, 1961 Comp. Date - July 15, 1961

Casing Record:

10 3/4" set at 420' w/225 sx
7 5/8" set at 4192' w/1000 sx
4 1/2" set at 9730' w/400 sx

Perforation Record:

4 - JS per foot 9600-04 9606-24

Treatment:

Acidized w/500 gal. Spearhead acid + 5,000 gal. 15% reg.

Initial Potential:

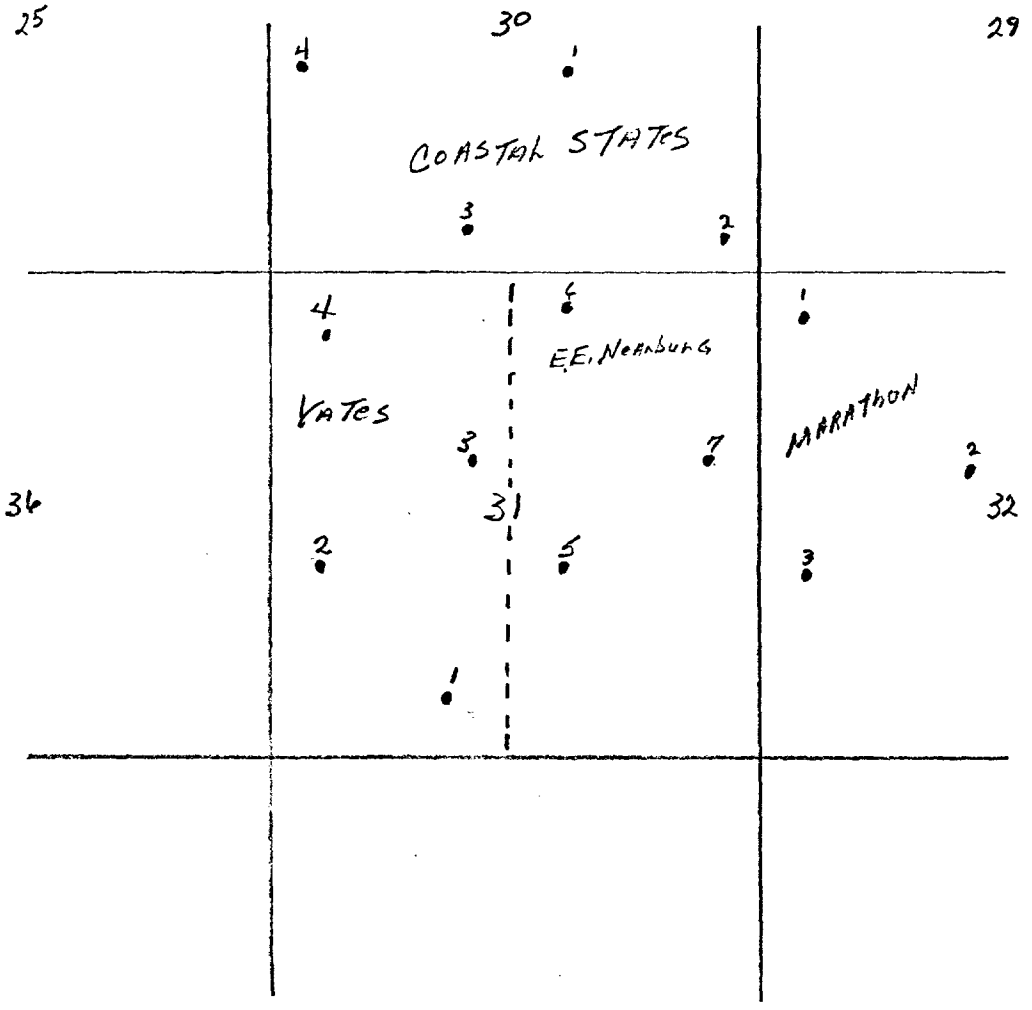
Flowed 216 BO/24 hrs., No water on 15/64 choke

Gas-Oil Ratio 848 Gravity 47
Csg. Pressure 910# Tbg. Pressure 300#

Tops:

Rustler	2250'	Hueco	9060'
Yates	2875'	Penn	9482'
San Andres	4120'	Bough "C"	9596'
Glorieta	5540'	Total depth	9730'
Abo	7725'	Plug back T.D.	9657'

50 ft. in $4\frac{1}{2}$ at 7200' + 100' plug in $4\frac{1}{2}$ at 5400 - 5300


25
30
29
4
1
COASTAL STATES
3
2
4
6
1
E.E. NEWBURG
VATES
MARATHON
3
7
2
36
31
32
2
5
3
1

GAMMATRON

Simultaneous Nuclear Log

FILING NO. 76114

COMPANY NEARBURG & INGRAM

WELL ANDERSON #7

FIELD ALLISON - PENN

COUNTY ROOSEVELT STATE NEW MEXICO

LOCATION:

1980'FNL-660'FEL

SEC. 31 TWP. 8S RGE. 37E

OTHER SERVICES:

ELEVATIONS:

KB. 4043.5

DF.

GL. 4029.5

PERMANENT DATUM GROUND LEVEL ELEV. 4029.5

LOG MEASURED FROM FT. ABOVE PERMANENT DATUM

DRILLING MEASURED FROM KELLY BUSHING

DATE	7-12-61	7-12-61	
RUN NO.	ONE	ONE	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER	9697'	9697'	
DEPTH—LOGGER	9656.5'	9656.5'	
BOTTOM LOGGED INTERVAL	9647.5'	9655'	
TOP LOGGED INTERVAL	SURF	SURF	
TYPE FLUID IN HOLE	WATER	WATER	
SALINITY PPM CL.			
DENSITY			
LEVEL	FULL	FULL	
MAX. REC. TEMP. DEG. F			
OPR. RIG TIME			
RECORDED BY	CARROLL & THORNTON		
WITNESSED BY	MR. MC/PETERS		

RUN NO.	BORE HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				10 3/4		SURF	420
				7 5/8		SURF	4192
				4½		SURF	9726

THIS HEADING AND LOG CONFORMS TO API RECOMMENDED STANDARD PRACTICE RP-33