



BTA OIL PRODUCERS
104 SOUTH PECOS
MIDLAND, TEXAS 79701
AC 915-682-3753

November 25, 1968

In re: Salt Water Disposal
Section 8, T-9-S, R-36-E
Lea County, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Dear Sir:

BTA Oil Producers is hereby applying for the administrative approval to dispose of water in the San Andres zone of its King #1 SWD located 660' north, 1980' east, Section 8, T-9-S, R-36-E, Lea County, New Mexico.

We anticipate disposing from 1 to 5 thousand barrels of producing Pennsylvanian (Bough "C") water per day to the San Andres formation at a depth of approximately 4098 - 5530', with a surface pressure of approximately 400 psi.

The enclosed data is submitted in support of this application.

Yours very truly,

T. L. ALVEY
For BTA Oil Producers

TLA:sa
Enclosures: NMOCC Form C-108
Log
Well Bore Sketch
Plat of Area

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11
NOV 27 AM 8 13
SWD -
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NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR BTA Oil Producers		ADDRESS 104 South Pecos, Midland, Texas 79701			
LEASE NAME King 586 Ltd.		WELL NO. SWD 1	FIELD Undesignated		COUNTY Lea
LOCATION UNIT LETTER <u>B</u> ; WELL IS LOCATED <u>660'</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>8</u> TOWNSHIP <u>9-S</u> RANGE <u>36-E</u> NMPM. <u>Lea</u>					
CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	12 3/4"	375'	375 sx	Surface	inspection
INTERMEDIATE	8 5/8"	4098'	400 sx	3650'	vol. est.
LONG STRING					
TUBING	2 3/8"	3684'	NAME, MODEL AND DEPTH OF TUBING PACKER Gumb. L-30 @ 3680'		
NAME OF PROPOSED INJECTION FORMATION San Andres			TOP OF FORMATION 4182	BOTTOM OF FORMATION 5500 est.	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLES? O. H.	PROPOSED INTERVAL(S) OF INJECTION 4098-5530		
IS THIS A NEW WELL DRILLED FOR DISPOSAL?		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Drilled to Penn; PB for SWD		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? none	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH DST only; 50 sx 9872, 25 sx 9090, 25 sx 7780, 25 sx 5530					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA not known		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 9700'	
ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM 1000	MAXIMUM 5000	OPEN OR CLOSED TYPE SYSTEM closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? pressure	APPROX. PRESSURE (PSI) 400 psi
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 Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? No
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Mr. F. C. Bonds, Crossroads, New Mexico					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Pubco, P. O. Box 1419, Albuquerque, New Mexico Attn: Chas. Ramsey					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		PLAT OF AREA Yes		ELECTRICAL LOG Yes	
				THE NEW MEXICO STATE ENGINEER Yes	
				DIAGRAMMATIC SKETCH OF WELL Yes	

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

Production Superintendent

November 25, 1968

(Signature)

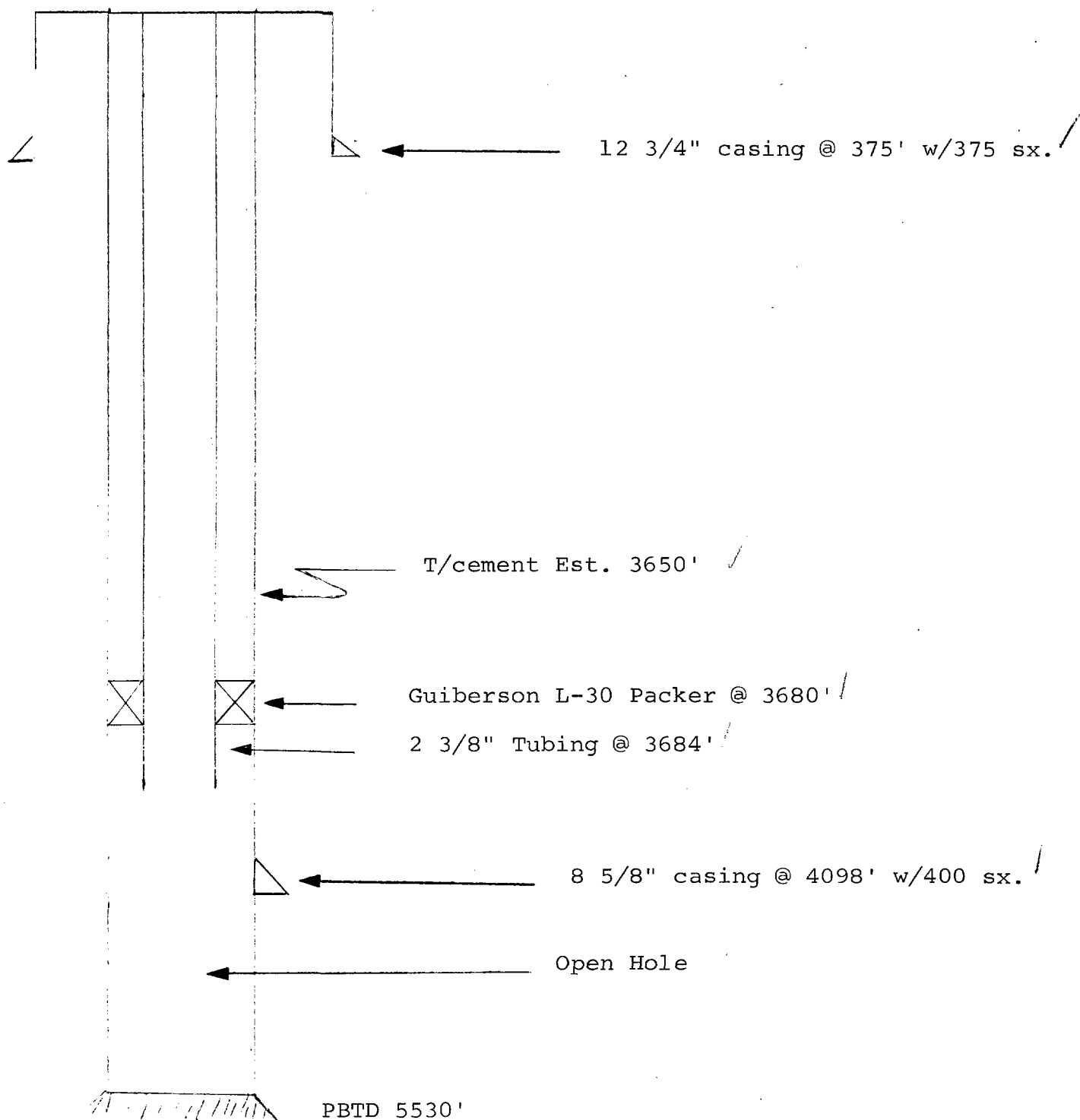
(Title)

(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.

[illegible]

Well Bore Sketch
King #1 SWD Well
11-22-68 Lea Co. New Mexico





BTA OIL PRODUCERS

104 SOUTH PECOS

MIDLAND, TEXAS 79701

AC 915-682-3753

November 22, 1968

In re: Waiver of Objection to Water Disposal Well
Section 8, T-9-S, R-36-E
Lea County, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Dear Sir:

The undersigned being an authorized representative of Pubco Oil Company has been duly informed by BTA Oil Producers of their application for administrative approval to dispose of produced water in the San Andres zone of their King #1 SWD well located 660' FNL & 660' FEL Section 8, T-9-S, R-36-E, Lea County, New Mexico

Pubco Oil Company hereby waives all objections to granting approval of BTA Oil Producers application.

Yours very truly,

For Pubco Oil Company



CARLTON BEAL
SOLE OWNER

BTA OIL PRODUCERS

104 SOUTH PECOS
MIDLAND, TEXAS 79701

AC 915-682-3753

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In re: Waiver of Objection to Water Disposal Well
Section 8, T-9-S, R-36-E
Lea County, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

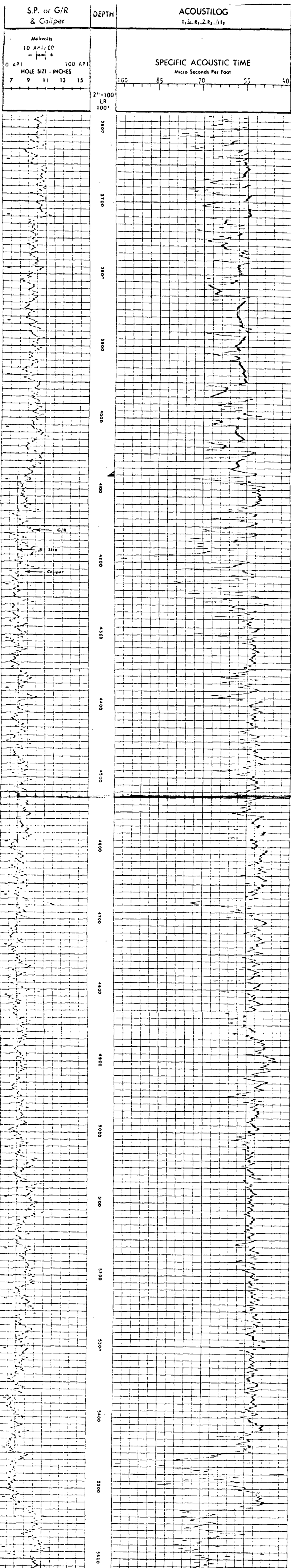
Dear Sir:

Please be advised that I (Mr. F. C. Bonds, surface owner of Section 8, T-9-S, R-36-E, Lea County, New Mexico) have been duly informed by BTA Oil Producers of their application for administrative approval to dispose of produced water in the San Andres zone of their King #1 SWD well located 660' FNL & 1980' FEL, Section 8, T-9-S, R-36-E, Lea County, New Mexico.

I hereby waive all objections to granting approval of BTA Oil Producers application.

Yours very truly,

F. C. BONDS



WARRANTY

FILE NO. COMPANY B. T. A. OIL PRODUCERS

WELL 685 LTD. KING NO. 1

FIELD BONN PUOL

COUNTY LEA STATE NEW MEXICO

LOCATION: 660' FNL & 1980' FEL

SEC B TWP 9-S RGE 36-E

Permanent Datum GROUND LEVEL Elev 4092

Log Measured from K. B. 15 Ft. Above Permanent Datum

Drilling Measured from K. B.

Date 10-21-68

Run No. ONE

Depth-Driller 9870

Depth-Logger 9862

Antism Logged Interval 9856

Top Logged Interval 100

Casing-Driller 8 5/8" 4082

Casing-Logger 4082

Bit Size 7 7/8"

Type Fluid in Hole CHEMICALS

Density and Viscosity 9.5 42

API and Fluid Loss 6.5 12 cc

Source of Sample PIT

Rm @ Meas. Temp. 09 @ 60°F

Rmt @ Meas. Temp. 065 @ 60°F

Rmc @ Meas. Temp. 100 TRIN °F

Source of Rmt and Rmc MEAS.

Rm @ BHT 01 @ 140°F

Time Since Circ. 6 HOURS

Max. Rec. Temp. Deg. F 140°F

Equip. No. and Location 1722 HOBBS

Recorded By JONNETZ

Witnessed By MR. MORITZ

Reproduced By
Electrical Log Services, Inc.
MCKINNEY, TEXAS 75069

REFERENCE W 1582F



19 COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD

CASING RECORD

PERFORATING RECORD

ACID, FRAC SHOT

IP

GOR

GR

TP

CP

REMARKS:

REMARKS: CALIPER RECORDED 12' DEEP.

Changes in Mud Type or Additional Samples

Sample No.	Type log	Depth	Scale Up Hole	Scale Down
Depth Driller				
Type Fluid in Hole				
Dens. Visc.				
API Fluid Loss				
Source of Sample				
Rm @ Meas. Temp.				
Rmt @ Meas. Temp.				
Rmc @ Meas. Temp.				
Source Rmt Rmc				
Rm @ BHT				
Rmt @ BHT				
Rmc @ BHT				

Equipment Data

Run No.	Tool Type	Red Type	Tool Position	Other
ONE	1501 #103		CENTRALIZER	
ONE	1305 #17		CENTRALIZER	