

**ROBERT V. RATTS**

*Consulting Petroleum Engineer*

1209 BIRCH

HURST, TEXAS 76053

AC 817/282-1221

August 9, 1973

*SWD-148*

*See Meeting*

New Mexico Oil Conservation Commission  
P. O. Box 2308  
Santa Fe, New Mexico 87501

Re: Klabzuba, Munson, & Seaman  
White #2 (SWD)  
San Andres Field  
Chaves Co., New Mexico

Gentlemen:

Attached are copies of Form C-108, a plat of the area and a schematic diagram of the caption well. This disposal well was approved by Case #4396 order number R-4012. The well was originally set up to dispose of water in the bottom two sets of perforations under a packer set at 2240' and gas to be produced from the upper set of perforations. After some time of disposing of salt water, the gas supply decreased and we have a feeling that the water migrated through the formation and killed the gas zone. Although no surface pressure has been indicated or water observed at the surface, we still feel that the upper zone is watered out.

In the interest of safety, we feel that moving the packer from 2240' to 2150' above the top perforations and dispose of water into the entire San Andres Zone will be more satisfactory.

The disposed water in subject is produced salt water from the Klabzuba, Munson, & Seaman White #1, Devonian Well.

We respectfully request that this application be handled administratively so that we will not have to go to the expense and time consuming operation of having a hearing. There are no offset operators within two miles of this operation.

Thank you for your assistance.

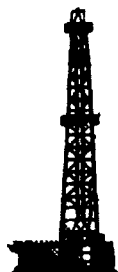
Sincerely,

*Robert V. Ratts*

Robert V. Ratts  
Agent

Klabzuba, Munson, & Seaman

Encl.  
RVR/nr



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*Consulting Petroleum Engineer*

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**RECEIVED**

**AUG 15 1973**

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**O. C. C.**  
**ARTESIA, OFFICE**

New Mexico Oil Conservation Commission

Drew D.D.

Artesia, New Mexico 88210

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White #2 (SWD)

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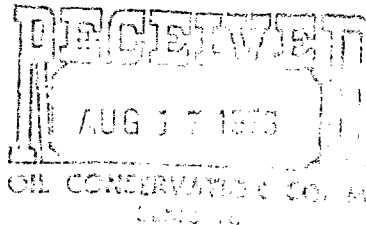
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Thank you for your assistance.

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Robert V. Ratts  
Agent

Klabzuba, Munson, & Seaman



Encl.  
RVR/nr

cc: Santa Fe, N. M. office

NEW MEXICO OIL CONSERVATION COMMISSION  
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR Rob't.Klabzuba,E.P.Munson, & L.O.Seaman		ADDRESS 1209 Birch, Hurst, Texas 76053			
LEASE NAME White	WELL NO. 2 (SWD)	FIELD Racetrack San Andres	COUNTY Chaves		
LOCATION UNIT LETTER <u>N</u> ; WELL IS LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>18</u> TOWNSHIP <u>10-S</u> RANGE <u>28-E</u> NMPM.					
CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	10 3/4	415	115	surface	observed
INTERMEDIATE					
LONG STRING	4 1/2"	2320	475	surface	observed
TUBING	2 3/8"	2242	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Mod. A @ 2242'		
NAME OF PROPOSED INJECTION FORMATION San Andres		TOP OF FORMATION 2186'		BOTTOM OF FORMATION 2500'	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Yes		PERFORATIONS OR OPEN HOLES? 2186'-2202'-2262'- 2269'-2283'-2289'		PROPOSED INTERVAL(S) OF INJECTION 2186'-2202', 2262'-2269' & 2283'-2289'	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? oil produced		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No		
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA unknown		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA 6642		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 6633	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 50	MINIMUM 100	MAXIMUM 100	OPEN OR CLOSED TYPE SYSTEM closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? pressure	APPROX. PRESSURE (PSI) 50 p.s.i.
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 - yes		WATER TO BE DISPOSED OF salt water		NATURAL WATER IN DISPOSAL ZONE salt water	ARE WATER ANALYSES ATTACHED? No
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Plains Radio & Broadcasting Co. 220 W. 6th St., Amarillo, Texas					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL None					
<div style="display: inline-block; border: 1px solid black; padding: 5px; margin: 10px;">RECEIVED AUG 17 1973 OIL CONSERVATION COMM. Santa Fe</div> <div style="display: inline-block; border: 1px solid black; padding: 5px; margin: 10px;">RECEIVED AUG 15 1973 O. C. C. ARTCSIA, OFF. 13</div>					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL None		THE NEW MEXICO STATE ENGINEER Yes
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA Yes		ELECTRICAL LOG 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.

  
(Signature)

Agent,

(Title)

August 10, 1973

(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.

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OIL CONSERVATION COMM  
Santa Fe

13

18

—10-S—27-E—

—10-S—28-E—

24

19

Scale 1"=1000 ft.

2500'

700'

1980'

660'

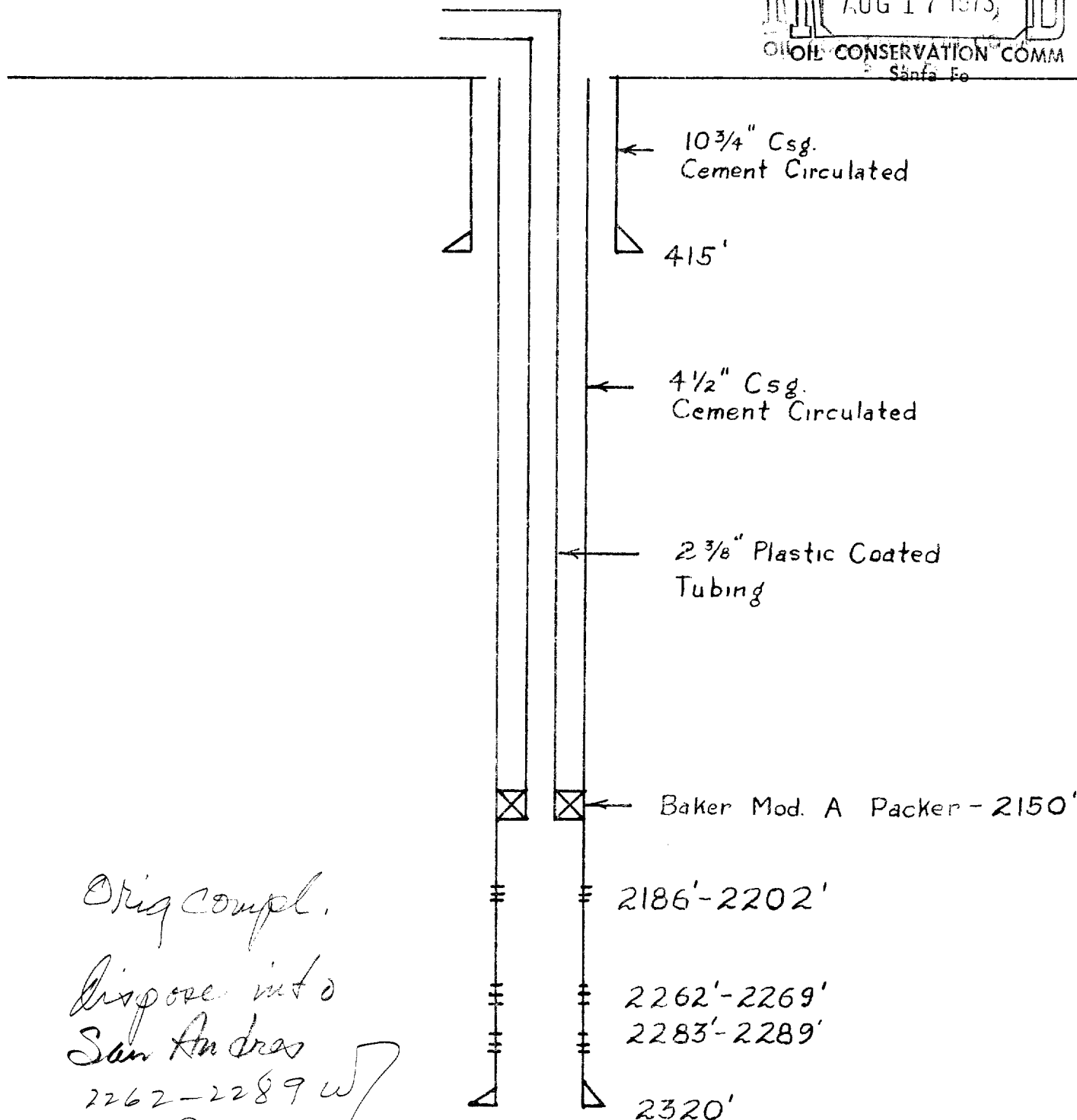
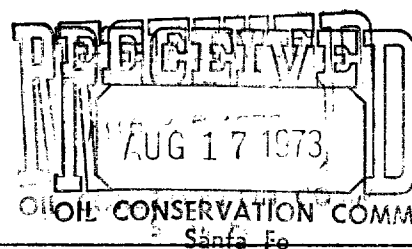
2-SWD



KLABZUBA, MUNSON & SEAMAN

WHITE LEASE CHAVES Co, N.M.

KLABZUA, MUNSON & SEAMAN - WHITE No. 2 (SWD) CHAVES COUNTY



Orig Compl.

Disposal into  
San Andres

2262-2289 w/

PKR @ 2240

R-4712

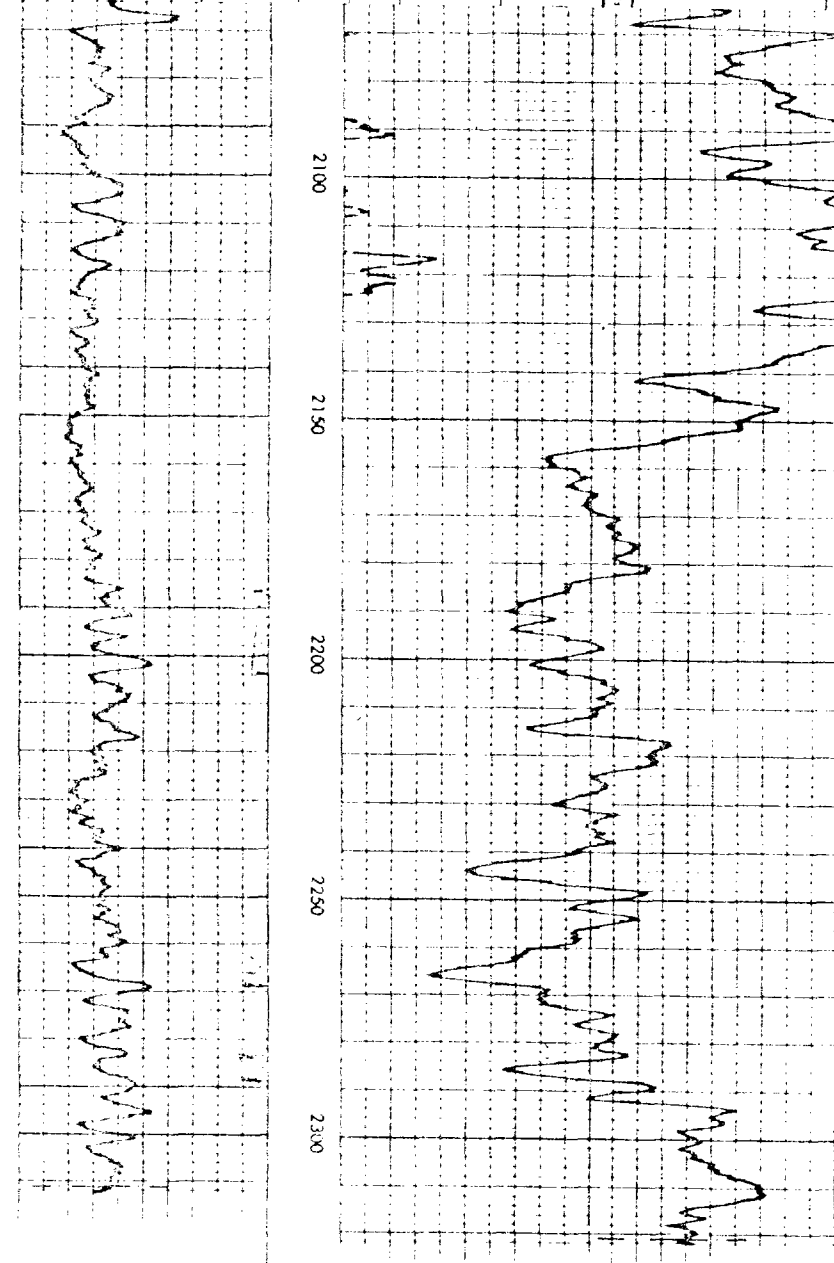


COMPANY	DANIEL W. VARGEL	
WELL	WILDCAT	
FIELD	WILDCAT	
COUNTY	GLAVES	STATE NEW MEXICO
Location	IND. PSL 1980 P.W.L.	Other Services Guard Folxco
Set	28	Page 28.1

Permanent Datum	Ground Level	Elev. 3760	Elev. K.B.
and Measured from	D.F. 1	1 ft. Above Perm. Datum	D.F. 3761
Or Measured From	DETERMINED		G.L. 3760

Date	1-10-64	1-10-64
Run No.	One	One
Type Log	General	Neutron
Depth, ft. (ft.)	2010	2010
Depth, Well	2010	2010
Antenna Logged Interval	2010	2010
Top Logged Interval	2010	2010
Top of Hole in Hole	FORMATION	FORMATION
Top of PPM (ft.)	100.000	100.000
Depth	1000	1000
Max. rec. temp. deg. F	87	87
Operating & Time		
Recorded by	J. G. GREEN	
Witnessed by	MR. STARRS	

BORE HOLE RECORD				CASING RECORD			
Run	Bit	From	To	Size	Wgt	From	To
10	11 1/2"	0	117	10"		0	417
11	11 1/2"	117	123				
12	11 1/2"	123	2000				
13	11 1/2"	2000	2010				



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