

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

APPLICATION  
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION  
NOT PRODUCTIVE OF OIL OR GAS

Operator L. R. French, Jr. Address P.O. Box 591, Odessa, Texas

Lease Bogle Farms Well No. 1 County Lea

Unit M Section 16 Township 11-S Range 34-E

This is an application to dispose of salt water produced from the following pool(s):

Inbe (Penn)

Name of Injection Formation(s) San Andres

Top of injection zone: 4183 Bottom of injection zone: S-490

Give operator, lease, well no., and location of any other well in this area using this same zone for disposal purposes None

CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface	13 3/8"	292	315 sks.	Cemented to Surface
Intermediate	8 5/8"	4183	600 sks.	Cemented to Surface
Long String	---			

Will injection be through tubing, casing, or annulus? Casing

Size tubing 8 5/8" Setting depth: 4182 Packer set at: None

Name and Model No. of packer: ---

Will injection be through perforations or open hole? Open Hole

Proposed interval(s) of injection: 4182 - 5400

Well was originally drilled for what purpose? Oil Well

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:

Dry Hole: Cement Plugs as follows: 100 sks. 13,100-13340, 100 sks. 11600-11700  
100 sks. 9800-10050, 75 sks. 5400-5500, 50 sks. 4025-4150, 10 sks. at surface

Give depth of bottom of next higher zone which produces oil or gas: None

Give depth of top of next lower zone which produces oil or gas: Wolfcamp

Give depth of bottom of deepest fresh water zone in area: 250 Ft.

Expected volume of salt water to be injected daily (barrels): 1100

Will injection be by gravity or pump pressure? gravity Estimated pressure: None

Is system open or close type? close Is filtration or chemical treatment necessary? No

Is the water to be disposed of mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? yes

Is any water occurring naturally within the proposed disposal formation mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? yes

List all offset operators to the lease on which this well is located and their mailing address

Southern Natural Gas Co., P.O. Box 1513, Houston 1, Texas

Gulf Oil Corp., Hobbs, New Mexico

Sun Oil Corp., Hobbs, New Mexico

Superior Oil Company, Hobbs, New Mexico

Name and address of surface owner Bogle Farms, Inc., Box 358, Dexter, New Mexico

Have copies of this application been sent by registered mail or given to all offset operators, surface owners, and to the New Mexico State Engineer? yes

Is a complete electrical log of this well attached? yes

Operator: L. R. French, Jr.

By: David H. Donaldson

Title: Production Superintendent

STATE OF T E X A S )  
 ) ss.  
County of E C T O R )

BEFORE ME, The undersigned authority, on this day personally appeared \_\_\_\_\_ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

SUBSCRIBED AND SWORN TO before me this the 1 day of July, 19 63.

Notary Public in and for the County of Ector

My Commission Expires \_\_\_\_\_

NOTE: Should waivers from all offset operators, the surface owner, and the State Engineer not accompany an application, the New Mexico Oil Conservation Commission will hold the application for a period of fifteen (15) days from date of receipt by the Commission's Santa Fe office. If at the end of said fifteen-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS  
STATE ENGINEER

ADDRESS CORRESPONDENCE TO:  
STATE CAPITOL  
SANTA FE, N. M.

July 31, 1963

Mr. A. L. Porter, Jr.,  
Secretary-Director,  
Oil Conservation Commission,  
Santa Fe, New Mexico.

Dear Mr. Porter:

Reference is made to the application of L. R. French, Jr., which was received in your Hobbs Office on July 13, 1963, seeking permission to dispose of salt water through Bogle Farms Well No. 1 in Lea County, Unit M, Section 16, Township 11 South, Range 34 East into the San Andres formation at a depth of 4183 feet.

In view of the fact that statements are made that the cement surrounding the surface and intermediate strings is circulated to the surface, it appears that no threat of contamination to the fresh waters which exist in the area will occur. Therefore, this office offers no objection to the granting of this application.

Very truly yours,

S. E. Reynolds  
State Engineer

FEI/ma  
cc-L. R. French, Jr.  
F. H. Hennighausen

By: *Frank E. Irby*  
Frank E. Irby  
Chief  
Water Rights Division

Reproduced By

# West Texas Electrical Log Service

Dallas 2, Texas

DATE: 11 41 AM  
REFERENCE: N° W 6586 -E

## SCHLUMBERGER WELL SURVEYING CORPORATION

DALLAS, TEXAS

### Electrical Log



FIELD or LOCATION WELL WILDCAT BOGLE #1 COMPANY SKELLY OIL CO.	COMPANY SKELLY OIL CO.	Location of Well 660' FS&WLS
	WELL BOGLE FARMS UNIT #1	 Elevation: D.F.: 4136 K.B.: or G.L.:
	FIELD WILDCAT	
	LOCATION SEC. 16-115-34E	
	COUNTY LEA	FILING No.
	STATE NEW MEXICO	

RUN No	1								
ate	7-56-56								
ist Reading	13238								
ist Reading	4182								
et Measured	9056								
ig Schlum	4182								
ig Driller	4182								
epth Reached	13241								
stom Driller	13245								
epth Datum	K8								
ud Nat.	SALT GEL								
Density	9.5								
Viscosity	70								
Resist.	100 F								
Res BHT	205 F								
pH									
Wtr. Loss	CC 30 min								
ax Temp. F	205								
Size	7 7/8"								
cg	AM								
	AO								
	LS								
	19								
Pr Pig Time	3 HRS								
ck No	1767-LUB								
orded By	JAGELER								
itnessed By									

15 CAL 3-40-185-100 1207

THE ORIGINAL LOG

COMPLETION RECORD

SPUD DATE