Southland Royalty Company

HOME OFFICE: 1603 FIRST NATIONAL BLDG. FT. WORTH 2, TEXAS 76102

MIDLAND, TEXAS

REPLY TO: 1405 WILCO BLDG. MIDLAND, TEXAS 79704

November 8, 1965

-5/

Mr. A. L. Porter, Jr. Secretary-Director
New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico

Dear Sir:

Enclosed please find application to dispose of salt water by injection into a porous formation. This application is to dispose of salt water produced from the Bough "C" formation on our McKinley Federal, J. D. Guye and Farrar Leases in the Inbe (Pennsylvanian) Field of Lea County, New Mexico. Included with form C-108 is a plat of the area, Laterolog and a diagrammatic sketch of the proposed injection well.

In compliance with section C of Rule 701 copies of this application have been sent to the offset operator, land owner and State Engineer requesting waivers. An executed copy of waiver from offset operator and land owner is included with application.

The proposed injection well will be a re-enter operation of an abandoned well on a State Lease currently held by Grove Oil and Gas Company. On consummating an agreement with Grove Oil and Gas Company, a salt water disposal well lease with the State Commissioner of Public Lands will be finalized.

Mr. A. L. Porter, Jr. Page 2
November 8, 1965

We will furnish any additional information that may be required and will appreciate your early action regarding this application.

Very truly yours,

SOUTHLAND ROYALTY COMPANY

ARS:jh

A. R. Steinert

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR			1					
Southland Royalt	v Company		ADDRESS	Wil	.co Bldg.	Mid	lland, Texas	
LEASE NAME	2 0 11	WELL NO.	FIELD				LCOUNTY	
Guye State		1	Inbe	. (P	enn.)		Lea	
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UNIT LETTER	<u>B</u> ; w	ELL IS LOCATED 6	60 FEET F	ROM THE	North L	NE AND	1980 FEET FROM T	НE
East LINE, SECTION	23 _{τοι}	WNSHIP 11-S	RANGE 33	3-E	NMPM.			_
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEME		TOP OF CEME	N.T.	TOP DETERMINED BY	
SURFACE CASING						-	TOT BETERMINED BY	_
	13 3/8	2941	300		Surfac	a l	Calculated	
INTERMEDIATE								
						1		
LONG STRING								_
	4 1/2	5245	500		Surfac	e	Calculated	
TUBING			NAME, MODEL AND	DEPTH OF	TLBING PACKER	-		
NAME OF PROPOSED INJECTION FORMA	2 3/8	4000	Guiberso	on, S	horty Tens	ion,	set at 4000'	
_	1110N		TOP OF FOR				OF FORMATION	
San Andres IS INJECTION THROUGH TUBING, CASIN	G. OR ANNULUS?	PERFORATIONS		BOPOSES	INTERVAL(S) OF INJEC		38	
Tubing	•		rations		4000-5200			
IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS	NO, FOR WHAT PURPO		NALLY DR		HAS WEL	L EVER BEEN PERFORATED IN A HER THAN THE PROPOSED INJEC-	NY
NO	DeV	onian Test				TION ZON	HER THAN THE PROPOSED INJEC- $^{NE?}$ NO	
LIST ALL SUCH PERFORATED INTERVA			OFF OR SQUEEZE EAC	н				_
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1900		None			8775			
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1000	1800	Open			Pressure		1600	
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NAME AND ADDRESS OF SURFACE OWN			es _{ID}		Yes	*Ye	es .	
J. D. Guye								_
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Capor Corpo	racion -	BOX 4333 M.	LULAIIU, 16	:Xas				
								_
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of natural water	in dispo	sal zone a	re not ava	ilab	ole. Other	ope:	rators	
in the area are	disposing	produced v			same zone	THE MEN	MEXICO STATE ENGINEER	_
SENT TO EACH OF THE FOLLOWING?	I		OF THIS WEL	. L	IN VAC-DALF MILE			
ARE THE FOLLOWING ITEMS ATTACHED	Ye TO PLAT OF AREA		ELECTRICAL	_		Ye	S MATIC SKETCH OF WELL	
THIS APPLICATION (SEE RULE 701-B)	Ye		Ye		i I	Ye		
• • •	<u> </u>							_
I hereby ce	ertify that the inf	ormation above is	true and complete	e to the	nest of my knowle	euge and	ı bellel.	

October 18, 1965 Allen Renau Steinert (Title)

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.

6 Gillispie	Store K-5212	7025-VA 056929 McKinley- Fed. A. F. Roberts (S.W.S. Stanley Whiteher	State P33	This was a second	State	State
7/A 10,025	So. Nat 1. Gas 9-19-66 9-17-67 06-260 0613:9 Miss River Fuel	Southland Roy. P137	3550ac 35514	TR 21	L.C.Harris 10 · 17 · 71 K·1852 14 53	Sunray Mid-Cont. 11-15-55 5-3495
Pocific	Tex. Pacific G255 Texas B3300	12	"St. of N.M." 7	So.Mins.	State 9 Sun_	Sinclair , Sinclair
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1 Cabat 1 Corp. 19 - 17 - 67 136-1318	Cabat Corp. Cabat Corp. 9 · 17 · 67 K-2372 0G 1318 3621	7325 Southland Roy, 1:A -2* A threat 3:10:70 5:14:70 6:4:67	2 • (Gulf) F322 • E · 8447 Bough "C"	L.C. Harris 1-19-75 K-4667	Shell 5 19 69 8 21-72 06 5448 1 2655 189	
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iel	- I life - secondary 2-	Shell 12:17:73	36.77Ac J 18	17 R.M.Young Jr. ₁ 8-17-75 K-5213 2667	Phillips Texas Pacific E-1233 4-16-61 Relah Nix	L.C. Harris 6-21-70 5-21-67 K-541 16 25 06-881
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LIBURTON DIVISION LABORA ORY

HALLIBURTON COMPANY LOVINGTON, NEW MEXICO

LABORATORY REPORT

Date September 21. 1965

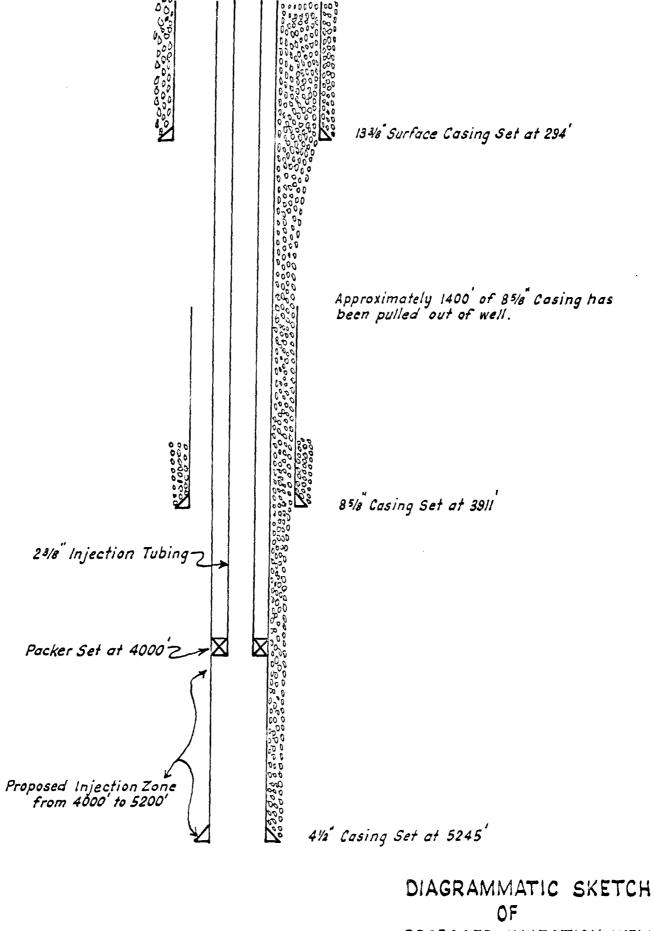
This report is the property of Halliburton Company and neither it nor any part thereof ner a copy thereof Hz to be published or disclosed without first securing the express To Southland Royalty written approval of laboratory management; it may however, be used in the course of regular business operations 1405 Wilco Building by any person or concern and employees thereof receiving such report from Halliburton Company. Midland, Texas Date Received Well & Lease As Marked Depth Formation Field Source Farrar #1 Htr. Tr. Farrar A-1 Htr. Tr. McKinley Federal J.D. Gure Htr. Treater Htr. Tr. 1.060 1.058 1.060 an058 Specific gravity Clear Clear Clear Clear Color, filtrate 6.7 6.6 6.6 6.6 $\mathbf{H}\mathbf{q}$ 0.080 0.083 0.081 0.084 Resistivity 82 ppm (mpl) 55,600 54,400 54,800 54,400 Chlorides, C1 1,600 1,700 1,800 1,500 Sulfates, SO4 330 320 305 **5**9.5 Alkalinity, HCO3 4,880 5,040 5,600 4,800 Calcium, Ca 485 1.070 775 970 Magnesium, Mg Nil Nil Nil Nil Iron, Fe 29,970 29,280 28,970 29,160 Sodium, Na* Nil Nil Nil Nil Sulfides, H2S

ppm equals Parts per million uncorrected or milligrams per liter includes Potassium as Na.

Laboratory Analyst Brewer Respectfully submitted

HALLIBURTON COMP

Hammack, Jr., Division Chemist



PROPOSED INJECTION WELL GUYE STATE No. 1

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

> Re: Application to Dispose of Salt Water by Injection into a Porous Formation

The undersigned hereby waives any objection to the application of Southland Royalty Company to inject produced salt water from the Bough "C" formation into the San Andres formation from 4000 feet to 5200 feet in the Guye State Well No.l located 660 feet from the north line and 1980 feet from the east line of Section 23, Township ll-S, Range 33-E, Lea County, New Mexico.

Yours very truly,

Cabot Corporation

Date 10- 21-65

765 Huy

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

> RE: Application to Dispose of Salt Water by Injection into a Porous Formation

The undersigned hereby waives any objection to the application of Southland Royalty Company to inject produced salt water from the Bough "C" formation into the San Andres formation from 4000 feet to 5200 feet in the Guye State Well No. 1 located 660 feet from the north line and 1980 feet from the east line of Section 23, Township 11 South, Range 33 East, Lea County, New Mexico.

Yours very truly,

Mr. J. D. Guye

By_

Date 11/1/65

COPY

Southland Royalty Company

HOME OFFICE.
1603 FIRST NATIONAL BLDG.
FT. WORTH 2, TEXAS
76102

MIDLAND, TEXAS

November 5, 1965

REPLY TO: 1405 WILCO BLDG. MIDLAND.-TEXAS 79704

State Engineer
Box 1079
Santa Fe, New Mexico

Dear Sir:

Enclosed please find application for Southland Royalty Company to dispose of produced salt water in the Inbe (Penn.) Field of northern Lea County, New Mexico. All information relative to this proposed disposal is included with application.

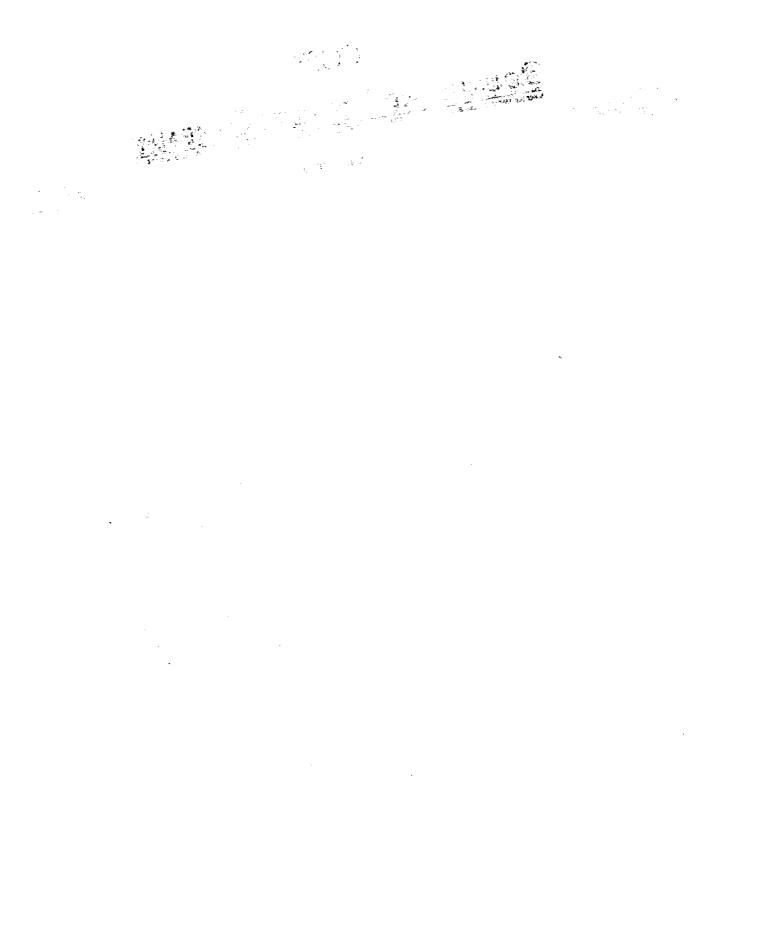
Also included are waivers. If there are no objections to this application, we will appreciate your executing one copy of the waiver and forwarding to Secretary-Director of the Oil Conservation Commission in Santa Fe, New Mexico.

Yours very truly,

SOUTHLAND ROYALTY COMPANY

A. R. Steinert

ARS:jh





STATE OF NEW MEXICO

STATE ENGINEER OFFICE SANTA FE

S. E. REYNOLDS STATE ENGINEER

November 15, 1965

ADDRESS CORRESPONDENCE TO: STATE CAPITOL SANTA FE, NEW MEXICO 87501

Mr. A. L. Porter, Jr. Secretary-Director Oil Conservation Commission Santa Fe, N. M.

Dear Mr. Porter:

Reference is made to the application of Southland Royalty Company which seeks administrative approval to dispose of salt water by injection into the porous formation through their Guye State No. 1 well in the Inbe (Penn.) field.

This office offers no objection to the granting of the application provided the well is completed in accordance with the diagrammatic sketch of this well and the statements made on Form C-108 executed by Allen R. Steinert, Engineer for the company.

FEI/ma cc-Southland Royalty Co.

F. H. Hennighausen

Yours truly,

S. E. Reynolds State Engineer

Chief

Water Rights Div.

OIL CONSERVATION COMMISSION DISTRICT

OIL CONSERVATION COMMISSION BOX 871	DATE	Nov. 1	7, 1965	
SANTA FE, NEW MEXICO	ke:	Proposed	NSP	
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		Proposed	NSL	
		Proposed	NEG	
		Fraposed	DQ	
0			SWD	Χ
Gentlemen:				
I have examined the application dated	11/11/	65		
for the Southland Royalty Co. Guye State #1-B	23-11-	33		
Operator Lease and Well	No.		S⊸∷⊹R	
and my recommendations are as follows: 0.KE.F.E.	- Seedings and Miles Seed on Seed of Seed of Seed	COM E ANGENICO ANGEL CONTRACTOR ANGEL CO		
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