

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING GOVERNOR LARRY KEHOE SECRETARY

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Stallworth Oil & Gas, Inc. P. O. Box 479 Dallas, Texas

Re: Administrative Order WFX No. 490

Gentlemen:

Enclosed herewith please find Administrative Order No. 490 for the following described well:

Etz Well No. 2 located 660' FSL and 1980' FEL in Section 25, Township 16 South, Range 30 East, Eddy County, New Mexico.

Very truly yours,

JOE D. RAMEY Division Director

JDR/OS/og

cc: Oil Conservation Division Drawer DD Artesia, New Mexico

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

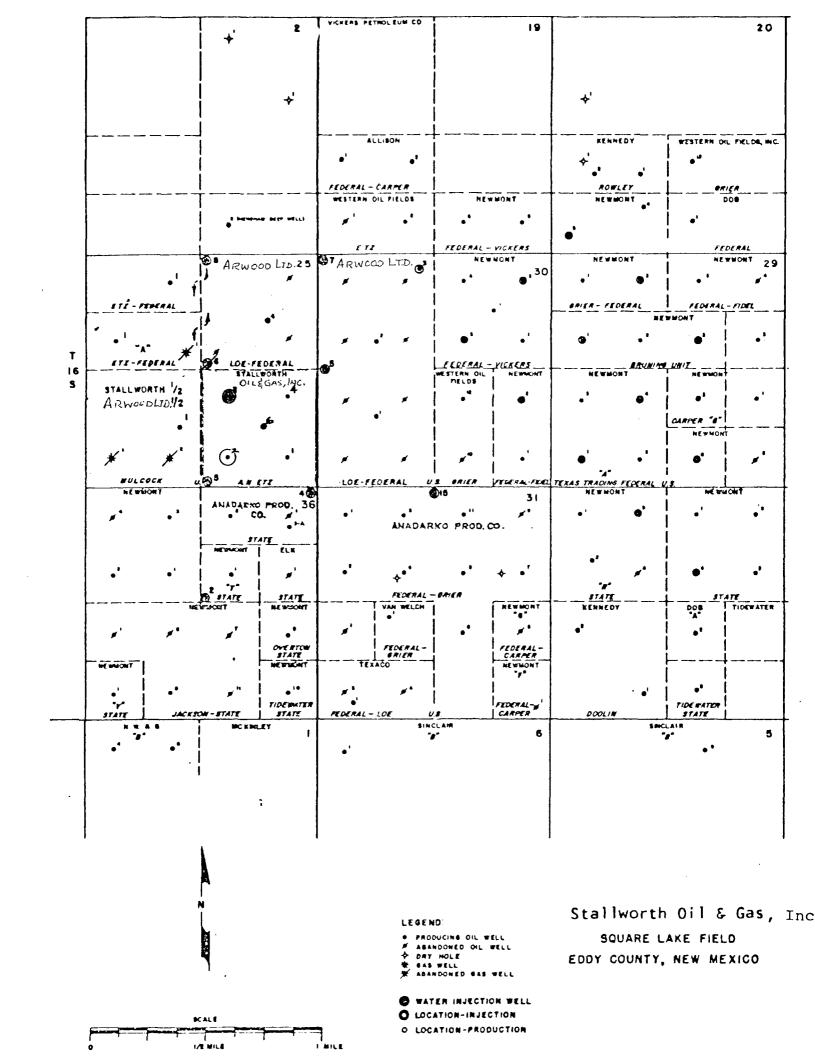
Form C-108 Revised 10-1-78

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

UPERATOR			ALEK BY INJECT				
Stallworth Oil &	Gas. Inc.		.]	30x 479	, Dalla	g ጥ _ው ም	as 75221
LEASE NAME	cus, inc.	WELL NO.			e-Grayb		COUNTY
Etz		2		San And		urg-	Eddy
LOCATION							
UNIT LETTER	<u> </u>	LL IS LOCATED 6	60FEET PRO	M THE SOU	th	E AND	80 - PEET FROM THE
east Line, section	25 τον	vnship 16 S	RANGE 30E	HMPM			
			AND TUBING DATA		·		·
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMEN	т то	OP OF CEMEN	т т	OP DETERMINED BY
BURFACE CASING							
INTERMEDIATE	8-1/4"	503'	50		360'		culated Est.
	7 N	2 4251	50.45	1			ing pulled
Recovered 2300'	7"	2,405'	50 (Sque	ze	2,300'	fro	m hole
	5-1/2"	2 0251	100		2 4201	h-1	
TUBING	3-1/2	2,925'	NAME, MODEL AND DE	PTH OF TUBING	2,430'	<u> </u>	culated Est.
	2-3/8"	2,900	Baker Mod	le1 A-3	. set a	+ 2900	1
NAME OF PROPOSED INJECTION FORMA			TOP OF FORMA	TION	7 300 0	BOTTOM OF P	FORMATION
Grayburg and San				2771 '			3200' TD.
IS INJECTION THROUGH TUBING, CASIN	GOR ANNULUS?	PERFORATION:	S OR OPEN HOLE! PRO	POSED INTERV	AL(S) OF INJEC	TION	
Tubing		open	hole 299	90-3000 '	<u>; 3035-3</u> (040'; 30	065-75'; 3155-80
IS THIS A NEW WELL DRILLED FOR DISPOSAL?	1 .		SE WAS WELL ORIGINAL	LLY DRILLED?	1	HAS WELL EV ZONE OTHER TION ZONE?	THAN THE PROPOSED INJEC-
NO		l Well	OFF OR SOUFFER FACE				No
	es and sacks of te	MENT USED TO SEAL	orr on squitze exen				
N.A.		DEPTH OF BOTTOM OF	F NEXT HIGHER	 1	DEPTH OF TOP	OF NEXT LOW	/ER
No fresh water de	tected	OIL OR GAS ZONE IN	None		OIL OR GAS ZO	nk nown	REA
ANTICIPATED DAILY MINIMUM INJECTION VOLUME I	MAXIMUM	· OPEN OR CLOS	SED TYPE SYSTEM	IS INJECTION PRESSURE?	TO BE BY GRAV		PPROX. PRESSURE [PSI]
150	300	Close	ed		Pressur	e	1500
ANSWER YES OR NO WHETHER THE FOL	E UNFIT FOR DOMES	E MIN- WATER	TO BE DISPOSED OF				NALYSES ATTACHED?
STOCK, IRRIGATION, OR OTHER GENERA			Yes	YeYe	s	<u>Y</u>	es
TAME AND ADDRESS OF SURFACE OWNE			ND)				
NoneFederal Land			T THIS INJECTION WELL				
		•			7001		
Anadarko Productio	on Compan	y, BOX 133	o, Houston,	TX 7	7001		
Arwood Ltd., P.O.	Box 6454	R Dallac	TX 75206				
112,4004 204.7 1.0.	DOX 0434	o, Darras,	1A 13200		·		
Newmont Oil Compar	ny, 600 Je	efferson,	9th Floor.	Housto	n. TX	77002	
							
Texaco, Inc., Box	3109, Mic	dland, TX	79701		·		
HAVE COPIES OF THIS APPLICATION BE	EN SURFACE OWN		TEACH OPERATO				
WENT TO EACH OF THE FOLLOWING?	1		OF THIS WELL		HALF MILE		
AHE THE FOLLOWING ITEMS ATTACHED	Yes		ELECTRICAL LO	Yes_		DIAGRAMMAT	IC SKETCH OF WELL
THIS APPLICATION (SEE RULE 701-B)	Yes		!None Av	ailabl	1 4	V	es
1 hander on	—	ormation above is	true and complete		·		
	nat the int	J	trac and complete	o me nest	or my knowle	ake and ne	*** **
IV/une/CoATI	tmers	Executiv	ve Vice Pre	sident		5/6	/81
(Signature)			(Title)			पन्निर्धा	(Date)
NOTE: Should varyers from the x	urface on ner and	all operators within	n one-half mile of the	1011271	AL ALLANIA	Lact mode	y this application, the New
1 11 '				1 " !!	of receipt by th	e Didasion	's Santa Fe office. If

the application will be set for hearing, if the applicant so requests, see Bill & 703.

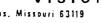
OIL CONSERVATION DIVISION SANTA FE

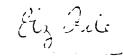




TRETOLITE

VISION





369 Marshall Avenue / Saint Louis, Missouri 63119 (314) WO 1-3500/TWX 910-760-1660/Telex 44-2417

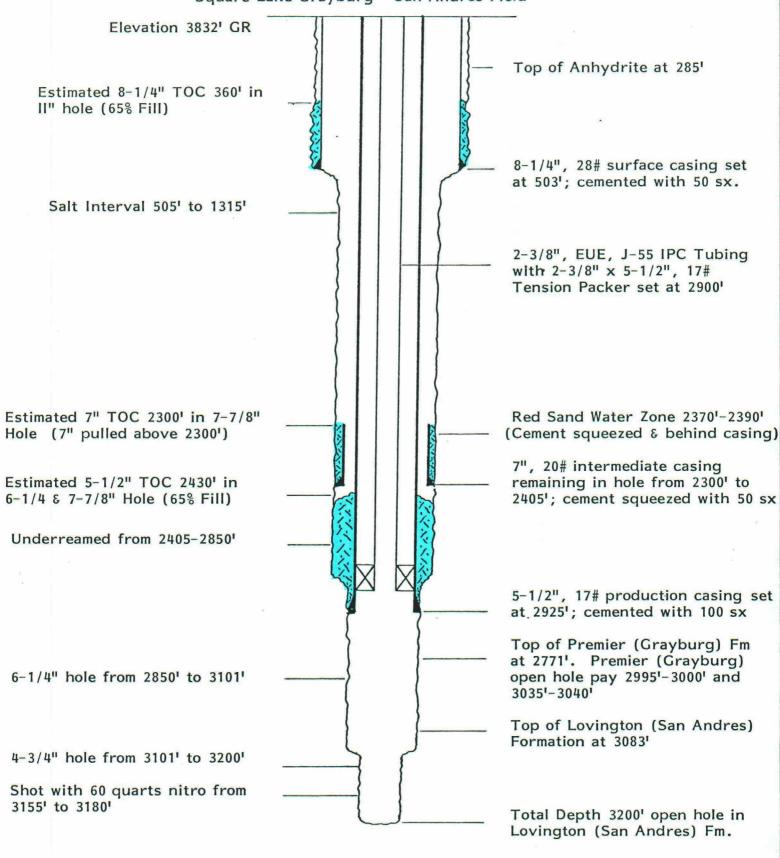
WATER ANALYSIS REPORT

COMPANY Stallworth Oil & Gas Company	ADDRESS	Loco Hills, N.M	DATE: 11-	-19-76	
SOURCE Sample @ Arwoods Tank	DATE SAME	PLED 10-18-76	ANALYSIS	12558	
Analysis		Mg/L	10-70 NO. 12558 **Meq/L		
1. PH6.5					
2. H ₂ S (Qualitative) pos.		,			
3. Specific Gravity1.060					
4. Dissolved Solids		98,952			
5. Suspended Solids					
6. Phenolphthalein Alkalinity (CaCO ₃)					
7. Methyl Orange Alkalinity (CaCO ₃)		350			
·		1.07	7	0_ HCO ₃	
8. Bicarbonate (HCO₃)9. Chlorides (CI)	HCO ₁	$\frac{427}{58,000} \div 35.5$		<u> </u>	
10. Sulfates (SO ₄)	SO ₄	3,300 ÷48	69		
11. Calcium (Ca)	304 Ca	4,400 ÷ 20	220	SO₁ Ca	
12 Magnesium (Mg)	Mg	1,652 ÷12.2		· -	
13. Total Hardness (CaCO ₃)	<i>M</i> g	17,800		Mg	
	******	1.0 ppm	nre:	e all the the	
14. Total Iron (Fe)					
15. Barium (Qualitative)			NOV	3 1976	
16. •Milli equivalents per liter			NUVA	\$ a 1010	
PROBABLE MIN	ERAL COMPO	OSITION		DLAND SH OIL & GAI	
	Compound	Equiv. Wt.			
220 Ca HCO ₃ 7.0	Ca (HCO ₃) ₂	81.04	7.0	567_	
135 Mg	Ca SO ₄	68.07	69	4,699	
1355 Na CI 1634	Ca Cl ₂	55.50	144	7,992	
	Mg (HCO ₃) ₂	73.17			
Saturation Values Distilled Water 20° C . Ca CO ₃ 13 Mg/L	Mg SO ₄	60.19			
Ca SO ₄ • 2H ₂ O 2,090 Mg/L	Mg Cl ₂	47.62	135	6,426	
Mg CO ₃ 103 Mg/L	Na HCO3	84.00			
	Na ₂ 5O ₄	71.03			
	Na Cl	58.46	1,355	79,268	
REMARKS Helmers - Hope					
Saltzman - Roberts - Nix - file					

Respectfully submitted TRETOLITE COMPANY

STALLWORTH OIL & GAS, INC.
ETZ NO. 2 WELL
Location O, 660' FSL & 1980' FEL
Section 25, T16S, R30E
Eddy County, New Mexico

Federal Lease LC-029424 Square Lake Grayburg - San Andres Field



\underline{W} \underline{A} \underline{I} \underline{V} \underline{E} \underline{R}

State of New Mexico Energy and Minerals Department Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

RE: Exception to Statewide Rule 701-B
Stallworth Oil & Gas, Inc.
Etz No. 2 Well
Unit O, 25-T16S-R30E
Federal Lease LC-029424
Square Lake (Grayburg-San Andres) Field
Eddy County, New Mexico

Gentlemen:

The undersigned has been furnished a copy of the Stallworth Oil & Gas, Inc.'s application to convert the captioned well to water injection status. Please be informed that we as an offset operator to this property have no objection to this procedure.

Company
Representative
Signature
Title
Date

May 7, 1981

Arwood, Ltd. P.O. 64548 Dallas, TX 75206

Gentlemen:

Attached is a copy of our application to the Oil Conservation Division, Energy and Minerals Department, State of New Mexico, requesting administrative approval provided by Rule 701-B to convert our No. 2 Etz well from producing to injection status.

If you find no objection to this procedure, please sign two copies of the attached waiver letter and forward one to the State of New Mexico and return the other for our files. Stamped self-addressed envelopes are enclosed for your convenience.

Very truly yours,

Murray E. Helmers, P.E. Executive Vice President

dw

Enclosures

May 7, 1981

Newmont Oil Company 600 Jefferson Ninth Floor Houston, TX 77002

Gentlemen:

Attached is a copy of our application to the Oil Conservation Division, Energy and Minerals Department, State of New Mexico, requesting administrative approval provided by Rule 701-B to convert our No. 2 Etz well from producing to injection status.

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Very truly yours,

Murray E. Helmers, P.E. Executive Vice President

dw

Enclosures

May 7, 1981

Texaco, Inc.
Box 3109
Midland, TX 79701

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Very truly yours

Murray E. Helmers, P.E. Executive Vice President

dw

Enclosures

WAIVER

TO LET LITTE SANTA PENSON ON CONSTRUCTION ON CONSTRUCTION ON SERVICE SANTA PENSON

State of New Mexico Energy and Minerals Department Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

RE: Exception to Statewide Rule 701-B
Stallworth Oil & Gas, Inc.
Etz No. 2 Well
Unit O, 25-T16S-R30E
Federal Lease LC-029424
Square Lake (Grayburg-San Andres) Field
Eddy County, New Mexico

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WAIVER



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Gentlemen:

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Company	NEWMONT OIL COMPANY
Representati	ive Alvin V. White
Signature	alim V- White
Title	Vice President Production
Date	May 15, 1981

\underline{W} \underline{A} \underline{I} \underline{V} \underline{E} \underline{R}



State of New Mexico Energy and Minerals Department Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

RE: Exception to Statewide Rule 701-B
Stallworth Oil & Gas, Inc.
Etz No. 2 Well
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Federal Lease LC-029424
Square Lake (Grayburg-San Andres) Field
Eddy County, New Mexico

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Company LEXACO INC.	
Representative Dale Holloman	
Signature Vallous	
Title Asst. Petr. Engr. Mgr.	
Date May 18, 1981	
	_

WAIVER



State of New Mexico Energy and Minerals Department Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

RE: Exception to Statewide Rule 701-B
Stallworth Oil & Gas, Inc.
Etz No. 2 Well
Unit O, 25-T16S-R30E
Federal Lease LC-029424
Square Lake (Grayburg-San Andres) Field
Eddy County, New Mexico

Gentlemen:

The undersigned has been furnished a copy of the Stallworth Oil & Gas, Inc.'s application to convert the captioned well to water injection status. Please be informed that we as an offset operator to this property have no objection to this procedure.

Company Anadaero Pagouron es
Representative
Signature A Church
Title Division Operations MCN.
Date 5 /6/8/