

SCHLUMBERGER WELL SURVEYING CORPORATION REGISTERED TRADE		MICROLATEROLOG													
COUNTY EDDY FIELD or LOCATION SQUARE LAKE WELL E 1/2 S 1/2 COMPANY R B STALLWORTH JR	COMPANY R B STALLWORTH JR	Other Surveys GRI	Location of Well NW / SW Elevation: D.F. N.A. K.B. or G.L.												
	WELL E 1/2 H 3														
	FIELD SQUARE LAKE														
	LOCATION SEC 2 16S 30E														
COUNTY EDDY	STATE NEW MEXICO														
Log Depth Measured From C.T.F. 1 Ft. above G.L.															
RUN No. DNE Date 6-4-58 First Reading 3184 Last Reading 2818 Feet Measured 366 Depth Reached 382 Bottom Driller 3180 Mud Not FRESH WATER Dens Visc Mud Resist 5.2 15 Res BHT 5.0 80 pH Wire Loss Rmt Rmc Bit Size 6"															
Sonde Type POWERED Pad Type M Opr. Pig Time 1 HR Truck No 2522 ARTEVA Recorded By HENDERS Witness COLLINS															
REMARKS MUD RESISTIVITY CHANGES IN OPEN HOLE RMT APPROX. 28 OHM															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">MICROCALIPER</th> <th style="width: 10%;">DEPTH</th> <th style="width: 30%;">RESISTIVITY ohms. m²/m</th> <th style="width: 30%;">RESISTIVITY ohms. m²/m</th> </tr> </thead> <tbody> <tr> <td>6 7 8 9 10 11 12 13 14 15 16</td> <td></td> <td>0</td> <td>20</td> </tr> <tr> <td>Hole Diameter in Inches</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				MICROCALIPER	DEPTH	RESISTIVITY ohms. m ² /m	RESISTIVITY ohms. m ² /m	6 7 8 9 10 11 12 13 14 15 16		0	20	Hole Diameter in Inches			
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6 7 8 9 10 11 12 13 14 15 16		0	20												
Hole Diameter in Inches															



Please address reply to:

P. O. Box 479
Dallas, Texas 75221

RECEIVED

FEB - 1979

Oil Conservation

930 Hartford Building / Dallas, Texas
(214) 651-0042

February 5, 1979

RECEIVED

FEB 11 1979

Oil Conservation

Mr. R. L. Stamets
Technical Support Chief
State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Conversion of Etz No. 3 Well
Unit J, 25-T16S-R30E
Lease No. LC-029424
Square Lake (Grayburg-San
Andres) Field
Eddy County, New Mexico

Dear Mr. Stamets:

We request approval from the State of New Mexico to cease injection into our jointly owned Arwood, Ltd., Loe No. 6 WIW well, which is to be plugged and abandoned and to initiate injection into the captioned present producing well which is located within the existing bounds of our cooperative waterflood, with Arwood, Ltd. operating the injection facilities.

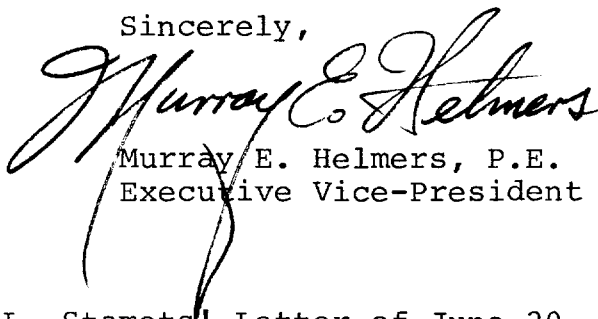
As you may recall, we initiated paper work to arrange for approval of this plan in May, 1978. At that time, we obtained immediate approval from the U. S. Department of Interior Geological Survey, but were unable to gain state approval, since as you pointed out in your letter of June 20, 1978, we had failed to file data in accord to Rule 701 of the Division Rules and Regulations and Devision memo 3-77.

We have completed gathering, tabulating and drafting the data required and which accompanies this letter. We request that your approval of our plans may be handled administratively without the need and expense, as well as additional delay for a hearing on this relatively simple and straightforward procedure. We feel this might be accomplished under the waiver provision of Rule 701-B-4, Paragraph 3, and we are forwarding waivers to the offset operators in an effort to expedite state approval of our plans.

Page 2 - Mr. R. L. Stamets - February 5, 1979

Your timely assistance and cooperation will be greatly appreciated.

Sincerely,

A handwritten signature in cursive script, reading "Murray E. Helmers". The signature is written in dark ink and is positioned above the typed name and title.

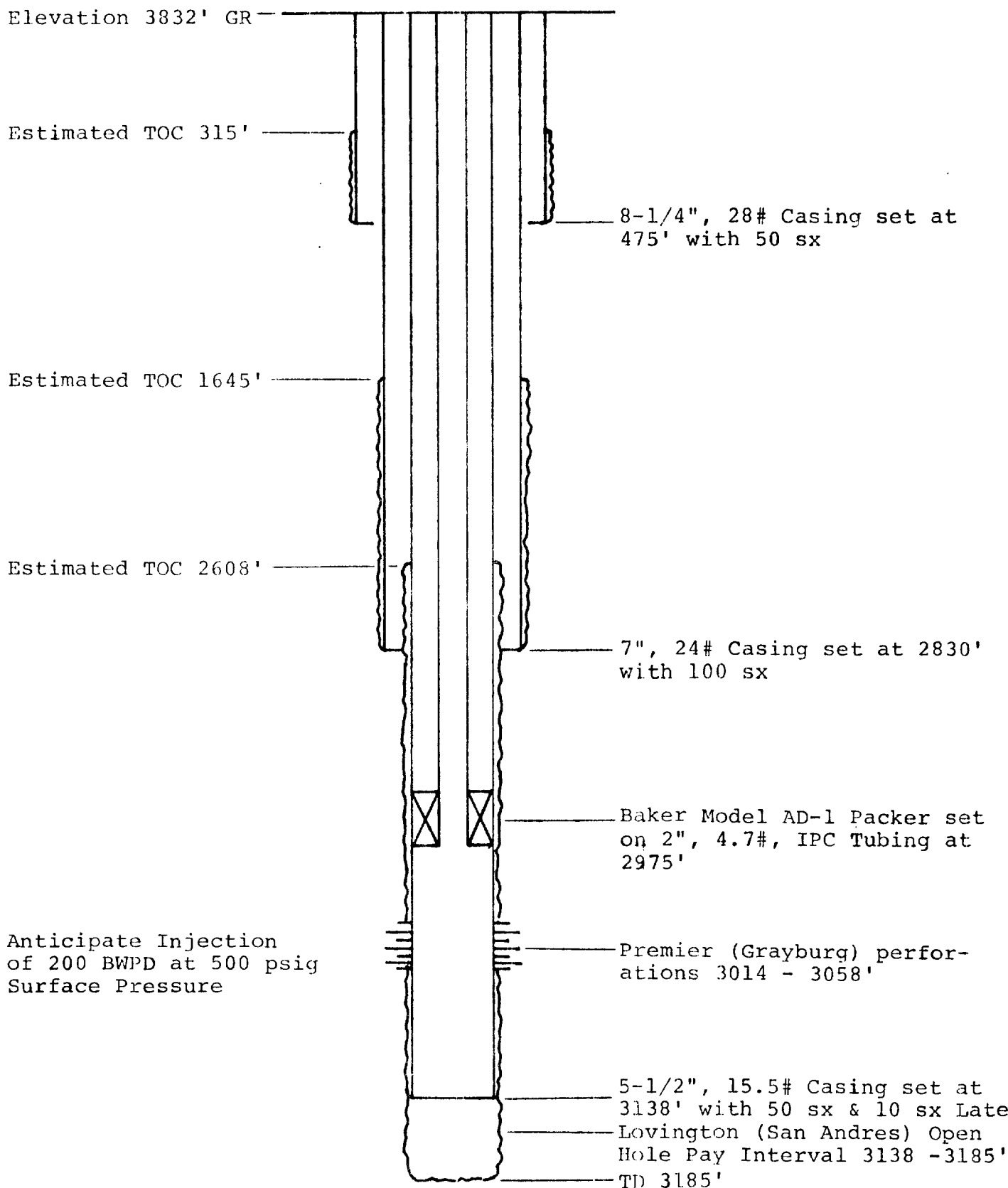
Murray E. Helmers, P.E.
Executive Vice-President

MEH/sv

Enclosures: Copy of R. L. Stamets' Letter of June 20, 1978
USGS Form 9-331
Etz Lease Location Map
Square Lake Field Area Map
USGS Well Status Report
Diagram of Downhole Equipment Planned for Etz No. 3
Well
Tabulated Summary of all Wells Within One-half Mile
of Proposed Injection Well
Diagram of Downhole Equipment with Plug Information
on all P&A Wells from Tabulation
Copy of Etz No. 3 MicroLaterolog of Pay Interval

STALLWORTH OIL & GAS, INC.
ETZ NO. 3 WELL
Location J, 1980' FS&E Lines
Section 25, T16S, R30E
Eddy County, New Mexico

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





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

JERRY APODACA
GOVERNOR

NICK FRANKLIN
SECRETARY

June 20, 1978

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

Stallworth Oil and Gas, Inc.
P. O. Box 479
Dallas, Texas 75221

Attention: Murray E. Helmers

Dear Mr. Helmers:

Your application of May 12, 1978, for administrative approval for conversion to injection of your Etz Well No. 3 in Unit P of Section 25-T16S-R-30E, Grayburg Jackson Pool, Eddy County, New Mexico, has just come to my attention. As the application was not filed in accordance with Rule 701 of the Division Rules and Regulations and Division Memo 3-77, it cannot be approved. Copies of the rule and memorandum are enclosed for your convenience.

I regret that your original application has been delayed. Upon receipt of an application filed in due form, we shall process the same as expeditiously as possible.

Very truly yours,

A handwritten signature in cursive script, appearing to read "R. L. Stamets", written over a horizontal line.

R. L. STAMETS
Technical Support Chief

RLS/og
Encls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-029424

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Etz

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Square Lake
(Grayburg-San Andres)11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 25

T16S, R30E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. NAME OF OPERATOR
Stallworth Oil & Gas, Inc.
3. ADDRESS OF OPERATOR
P. O. Box 479, Dallas, Texas 75221
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1980' from the south & east lines of
Section 25

14. PERMIT NO. Intent to
Drill Approved
15. ELEVATIONS (Show whether DF, RT, OR, etc.)
3832' GR

16. 6/30/42 Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

(Other) Convert to Injection Well X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Administrative approval is requested to convert the No. 3 Etz well to water injection pursuant to NMOCC Order No. R-2977 in Case No. 3310, October 6, 1965.

A copy of our well status report, dated 5/7/76, is enclosed with accompanying regional and areal plats locating the Etz property.

The Etz property, situated in the SE quarter of Section 25, T16S, R30E, forms a part of a cooperative waterflood with Arwood, Ltd. and Anadarko Production Company. Water injection wells are located at each corner of the Etz quarter section. Five producing wells are located on the property on regular 40 acre tracts except for well No. 6 situated near the center of the quarter section. Original development plans were to cease corner injection when the offset producer watered out and to convert that producer to water injection status. We propose to follow this procedure and to initiate injection into our No. 3 well to inject water through tubing and below a packer set at 2975' into the Grayburg and San Andres horizons. Arwood, Ltd., as operator of the present No. 6 Loe water injection well, will either continue injection into that well to support their flood operation, or they will plug and abandon the well.

18. I hereby certify that the foregoing is true and correct

SIGNED

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

Exec. Vice-President

DATE

5/2/78

TITLE

ACTING DISTRICT ENGINEER

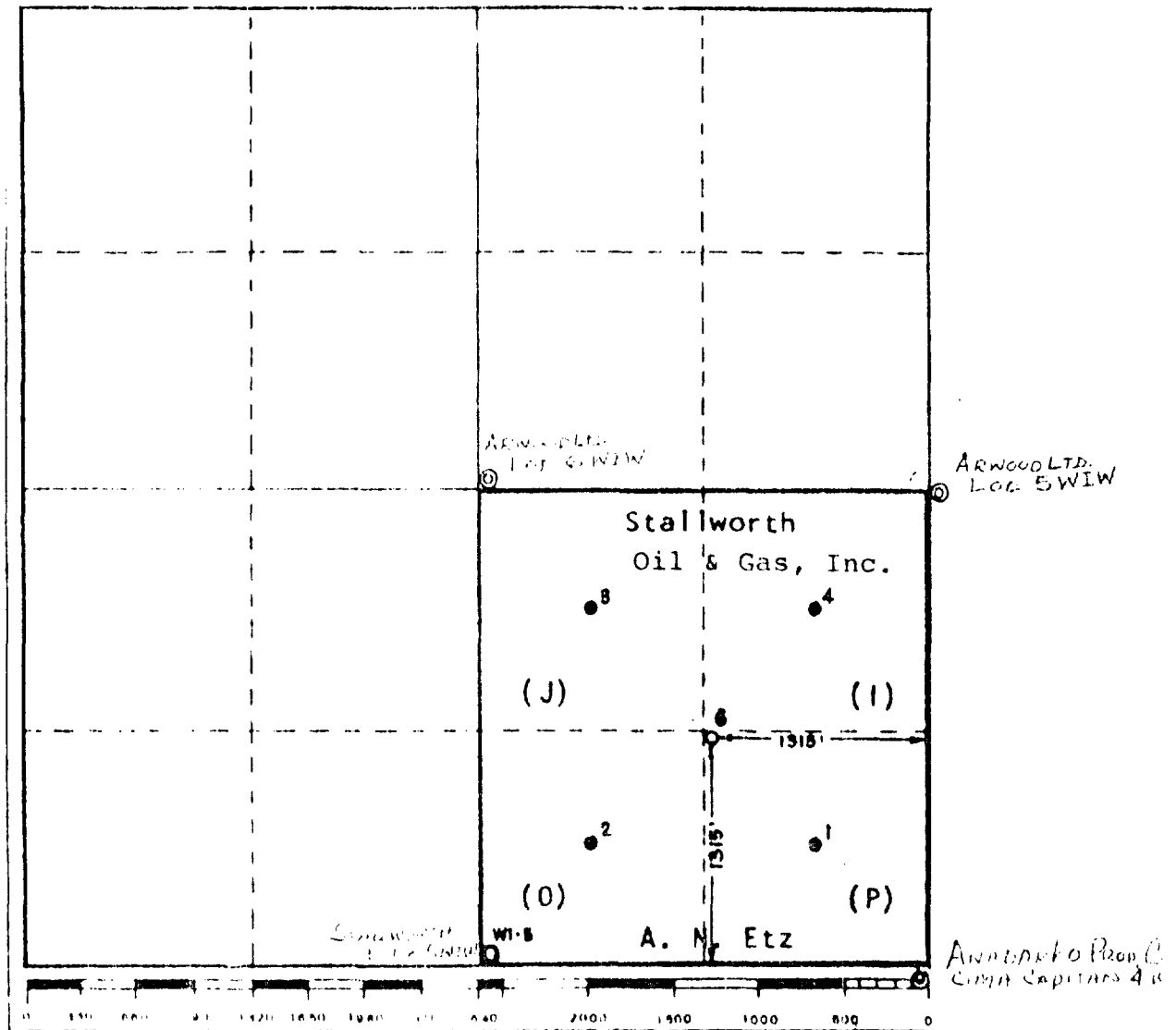
DATE

MAY 8 - 1978

R 30 E

Section 25

T
16
S



Stallworth Oil & Gas, Inc.
Square Lake Field
Eddy County, New Mexico

GEOLOGICAL SURVEY
WELL STATUS REPORT

25 16 S 30 E

Tract or Location of Well:

1980 feet from South

1980 feet from East

Pool
Square Lake (GB-San Andre)

COUNTY Eddy STATE New Mexico

(To be submitted in quintuplicate on all inactive wells)

NAME AND ADDRESS OF OPERATOR

Stallworth Oil & Gas, Inc.
P. O. Box 3310 - Midland, Texas 79701

WELL NO. AND LEASE NAME

No. 3 Etz

LEASE NO.

LC 029424

1. When Was Well Shut-in or Last Produced?

Last produced in March, 1976. Shut-In 4/1/76.

2. Type Well

☒ Oil Well

☐ Gas Well

☒ Temp. Abd. Well

3. Producing Capability

BOPD 1

MCFGPD 0

BWPD 67

Date Last Tested 3/25/76

4. Is Well Considered Capable of Production in Paying Quantities?

☐ Yes

☒ No

5. If Capable of Producing in Paying Quantities, Give Reasons For Not Producing Well

RECEIVED
MAY 10 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, N.M.

6. If Not Capable of Producing in Paying Quantities, Give Reasons For Not Plugging Well At This Time.

The well is offset by a corner water injection well. We plan to eventually convert this well to water injection to back up No.6, the center producing well on the Etz lease.

7. What Are Future Plans For Operating Well (Include Estimated Dates)?

The Etz No. 3 will flow periodically, due to pressure from the offset injection well. The pumping unit has been removed. We will remove the rods and hook up the well for flowing conditions. This work should be completed by 5/21/76, and we will continue to show production on the NMOCC C-115 report.

I hereby certify that the foregoing is true and correct

SIGNED

Michael J. G. Morris

TITLE

Engineer

DATE

5/7/76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAY 11 1976

MIDLAND
STALLWORTH OIL & GAS

myd
Fick

TABULAR SUMMARY of all wells within one-half mile
of proposed injection well.

Stallworth Oil & Gas I
Etz #3
Sec 25 Twn16S Rge30E

Well Identification	Completed	Total Depth	Casing Record		Interval	Plug & Abandon Pro
25-16-30 Arwood, Ltd. Loe #4 Unit H 1650/N 990/E	8-28-65	3212'	13"	30' 440'	Cem.to Surf. 150sx. 3046'-54' 3171'-87'	
25-16-30 Arwood, Ltd. Loe #6 Unit G (WIW) 2630/N 2630/E	4-13-66	3200'	13" 8 5/8" 5 1/2"	30' 430' 3200'	3164'-2982' file 750sx.	
25-16-30 Arwood, Ltd. Loe #8 Unit B (WIW) 10/N 2630/E	1-27-66	3153'	13" 5 1/2"	30' 3153'	Cem.to Surf. 3111'-2937'	
25-16-30 Arwood, Ltd. Mulcock Fed. #1 Unit K 1650/S 2310/W	9-17-67	3200'	14" 8 5/8" 5 1/2"	28' 748' 3200'	Circ. 150sx. 250sx. 2960'-3171'	P&A 5-3-75 Spot perfs. Shot off @ 22 joints of 5 1/2"cs 50sx.plug @ 800 8sx. plug @ 10 5sx. plug @ su Gelled mud between
25-16-30 Brewer Drly. Co. A.N. Etz #1 Unit H 1980/N 510/E	9-27-43	3090'	8 1/2" 5 1/2"	575' 2902'	50sx. 100sx. 3020'-30' 3078'-80'	P&A 3-15-49 (No P&A report giv a date.)
25-16-30 Brewer Drly. Co. A.N. Etz #2 Unit A 310/N 510/E	12-9-44	3095'	8 1/2" 5 1/2"	408' 2895'	50sx. 150sx. 3028'-35' 3070'-80'	P&A 11-17-48 (No P&A report giv a date.)

Well Identification	Completed	Total Depth	Casing Record	Interval	Plug & Abandon Procedure
25-16-30 Arwood, Ltd. Etz Fed. #1 Unit C 660/N 1980/W	4-8-66	8900'	11 3/4" 519' 500sx. 8 5/8" 3168' 770sx. ✓ 5 1/2" 8900' 200sx.	8765'-69'	TA - 4-8-66 P&A 12-26-66 50sx. cem. plug @ 7705' 25sx. " @ 6450'-6550' 25sx. " @4600'-4700' 50sx. " @3400'-3200'
	12-26-66 (plug back) Spot 25sx.cem. 8764'-69' (Wolfcamp perms.) Shot & pulled 7706' of 5 1/2" csg.				
	Re-entry 1967	Set 8 5/8" BP @ 3167' 11 3/4" 519' 500sx. ✓ 8 5/8" 3168' 770sx. ✓		2951'-56' 2980'-3000' 3131'-46'	
25-16-30 Arwood, Ltd. Etz A Fed. #1 Unit E 1980/N 660/W	1-22-66	8926'	11 3/4" 512' 500sx. 8 5/8" 3098' 770sx. ✓ 4 1/2" 8926' 600sx.	8830'-8802'	TA 12-7-66 P&A to San Andres 2-14-67 50sx. cem. plug @ 6995' 25sx. " @ 6550' 50sx. " @ 3450'
	2-14-67 (plug back) Spot 25sx. plug @8802'-30' (Wolfcamp) Shot & Pulled 6995' of 4 1/2" csg.				
	Re-entry 7-15-67 (512' of 11 1/2" surface pipe & 3098' 8 5/8" csg. were in hole. 5 1/2" csg. liner was set & cemented 3046'-3216' w/65sx. Perf liner 3156'-3170'.)		11 1/2" 512' 500sx. 8 5/8" 3098' 700sx. 5 1/2" 3216'-3046' 65sx.	3156'-2978'	P&A 5-6-75 Spot 50sx. plug across perf., spot gel mud. 30sx. cem. plug @ 1650' 35sx. " @ 750' 25sx. surface plug 25sx. /bbl. water gel mud between each plug.

Well Identification	Completed	Total Depth	Casing Record	Interval	Plug & Abandon Procedure
25-16-30 Brewer Drlg. Co. A.N. Etz #3 Unit G 2130/N 1650/E	1-11-45	3100'	8 1/2" 5 1/2" 480' 2900' 50sx. 150sx.	? 	<u>P&A 11-17-48</u> (no records filed)
25-16-30 J.B. Mulcock Etz #1 Unit M 660/S 660/W	10-25-40	3081'	10 1/4" 8 1/4" 7" 495' 2385' 2428' 50sx. 50sx.	2958'-60' 3011'-18'	<u>P&A 5-2-49</u> 15sx.cem. plug placed @base of 7"csq., 1300' 7"csq. was pulled. 10sx. plug @ base of salt, 10sx. plug @ top of salt. 80' of 10"csq. was pulled. Hole was filled w/mud. Cem. set for marker.
25-16-30 J. B. Mulcock Etz #2 Unit N 660/S 1980/W	2-1-43	3016'	8 1/4" 5 1/2" 478' 2853' 50sx. 100sx.	2954'-56' 3000'-10'	<u>P&A 5-2-49</u> 15sx. cem. plug @ base of 5 1/2"csq.. 2123' of 5 1/2" csq. was recovered. 10sx.cem.plug @base of salt, 10sx.cem.plug @top of salt, 8 1/4"csq.was pulled, hole filled w/mud & cement set for marker.
25-16-30 Stallworth Oil & Gas Inc. Etz #1 Unit P 660/S 660/E	5-6-42	3235'	? 	? 	
Re-entry 5-27-58			8 1/2" 7" 5 1/2" 495' 2800' 3151' 50sx. 100sx. 50sx.	3044'-3225'	
25-16-30 Stallworth Oil & Gas Inc. Etz #2 Unit O 660/S 1980/E	7-12-42	3101'	8 1/2" 7" 503' 2800' 50sx. 100sx.	2990'-95' 3035'-40' 3065'-75' 3170'-85'	
1-27-43 (Well had been shut-in since 1952) 8-22-56		3200' 3181'	5 1/2" 8 5/8" 2925' 503' 50sx. 50sx. 2885'	2885'-3181'	

Well Identification	Completed	Total Depth	Casing Record	Interval	Plug & Abandon Procedure
25-16-30 Stallworth Oil & Gas Inc. Etz #5 Unit O (WIW) 10/S 2630/E	4-13-66	3224' <i>11 1/4</i>	5 1/2" 3224'	300sx. 3152'-2970'	
25-16-30 Stallworth Oil & Gas Inc. Etz #6 Unit P 1315/S 1315/E	8-14-70	3260' <i>7 1/8</i>	8 5/8" 471' 3248'	300sx. 500sx. 2981'-3060' 3162'-85'	
25-16-30 Stallworth Oil & Gas Inc. Etz #4 Unit I 1980/S 660/E	9-29-42	3080'	8 1/4" 480' 2858'	50sx. 100sx. 2940'-45' 2975'-80' 3032'-45'	<i>7" reamed off 10 ft 1980 + 2040 to 10 ft 1980 ?</i>
30-16-31 Arwood, Ltd. Loe #5 Unit (WIW) 2630/S 10/W	Re-entry 6-23-56 (8-26-77 7" csg. found to be collapsed @2770'. Remedial work intended.)	3184'	8 1/4" 480' 2849'	50sx. 100sx. 2849'-3164'	
30-16-31 Arwood, Ltd. Loe #7 Unit D (WIW) 10/N 10/W	4-13-66	3282'	13" 30' 8 5/8" 442'	75sx. 250sx. 3232'-3050'	
30-16-31 Arwood, Ltd. Loe #9 Unit M 990/S 330/W	1-27-66	3248'	13" 30' 8 5/8" 410' 7" 685'	" circ. to surf. 3212'-3047' " " 3248'	
30-16-31 Arwood, Ltd. Loe #9 Unit M 990/S 330/W	1-17-72	3260'	8 5/8" 425' 5 1/2" 3260'	185sx. 300sx. 3038'-43' 3082'-88' 3216'-24'	<i>Top Case 1920'</i>
30-16-31 Boyd-Plemons Drly. Co. Well #1 Unit M 660/S 660/W	4-28-42	3107'	8 1/4" 607 5 1/2" 3050'	50sx. 100sx. 3172'-3241'	<i>PSA 11-17-48 Mud hole from 3155'-3000', cem. plug @3000'-2950'. Knocked 5 1/2" csg. off @1400' & pulled. 15sx. plug @1410'-1360'. Mud hole 1360'-1510', 10sx. @510'-480'. Mud to surf. & cem. marker.</i>

Well Identification	Completed	Total Depth	Casing Record		Interval	Plug & Abandon Procedure	
30-16-31 Boyd-Plemons Drly. Co. Well #2 Unit L 1980/S 560/W	10-13-42	3202'	8 1/4" 7"	486' 297'	50sx. 100sx.	3040'-47' 3090'-97'	P&A 11-17-48 Mud hole from 3202'-3000'. 15sx.cem.plug@3000'-2960'. Knocked 5 1/2" csg. off @1399' & pulled. Mud hole from 2960'-1375' set 15sx.cem.plug 1375'-1330' mud hole 1330'-1500' knock 8 1/4" csg. off @185' & pulled. Mud to surface & cement marker.
30-16-31 Brewer Drly. Co. George Etz #1 Unit D 810/N 503/W	1-12-44	3090'	8 1/4" 5 1/2"	520' 2910'	none 100sx.	2675'-85' 3034'-35' 3086'-90'	(There is an authorization to transport oil dated 12-28-46 but there is nothing else filed on this well.)
30-16-31 Brewer Drly. Co. George Etz Woodward #1 Unit E 1980/N 503/W	9-30-44	3150'	(none given)			3068'-3180' 3125'-3140'	P&A 2-21-49 Set 20sx.mud in bottom of hole. Set cement bridge @2600' w/5sx., mud w/50sx. & 10sx.cem., set cem. plug @400' w/10sx.cem. Fill to surf. w/mud & cem. for marker. Recovered 2000' 5 1/2" csg. & 3000' of 2" tubing.
36-16-30 Anadarko Prod. Co. State H #2 Unit B	8-15-42	3035'	8 5/8" 7" 4 1/2"	494' 2795' 468'	50sx. 100sx. ?	3002'-13' 3030'-25'	
Re-enter 12-5-53		3220'	Set 4 1/2" liner	3208'-2683'	175sx.	3182'	
36-16-30 Anadarko Prod. Co. State H #3 Unit A 810/N 600/E	4-1-54	3255'	10" 7" 4 1/2"	482' 2815' 2706-3250'	100sx. 100sx.	3023'-20' 3054'-64' 3082-92 3200-07 3210-17	

Well Identification	Completed	Total Depth	Casing Record	Interval	Plug & Abandon Procedure
36-16-30 Anadarko Prod. Co. State H #4 Unit A (W1W) 10/N 10/E	8-4-66	3250'	13 3/8" 44' To Surface 7 1/2" 3250' 350sx. (plug 50sx. @ 500')	3022'-28' 3064'-74' 3098'-3104' 3210'-20'	
36-16-30 Tom Boyd Drlg. Co. Continental St. 36 #4 Unit D 660/N 660/W	12-8-42	3030'	10 3/4" 534' 50sx. 8 5/8" 2400' pulled 7" 2425' pulled 5 1/2" 2824' 100sx.	2932'-3030'	<u>P&A 5-19-51</u> Filled hole w/mud from TD to 2815', set 10sx.cem. plug inside 5 1/2" csg. knocked off 5 1/2" csg. @ 1200' & pulled. Mud to 533' spot 10sx.cem. plug in 10 3/4" pipe knocked off @ 75' & pulled. Filled hole to surf. w/mud & cement for marker.
36-16-30 Newmont Oil Co. Continental St. #3 Unit C 660/N 1980/W	10-18-42	3051'	10 3/4" 561' 200sx. 7" 2403' pulled 5 1/2" 2838' 100sx.	2965'-3051'	<u>P&A 5-19-51</u> Fill w/mud 3051'-2820' 10sx.cem. plug inside 5 1/2" csg. knocked off @ 2200' & pulled. Mud to 560' 10sx.cem. plug in 10 3/4" pipe knocked off @ 120' & pulled. Mud to surf. & cem. marker.
36-16-30 V.S. Welch State #1 Unit A 660/N 660/E	Re-entry 3-24-58	3228'	10 3/4" 561' 200sx. 5 1/2" 2838' 100sx.	2838'-3228'	<u>TA 4-9-75</u>
	2-15-42	3040'	8 3/4" 478' 50sx. 7" 2798' 100sx.	3012'-3018'	<u>P&A 6-13-49</u> Mud to bottom of 7", set plug & cem. w/20sx. knocked off 7" & pulled 1570'. Mud to 510', set 10sx.cem. plug & pulled 200'. Mud to surface & set marker.

25-16-30
Arwood, Ltd.
Mulcock Fed. #1, Unit K
1650/S 2310/W

Completed 9-17-67

5 sx plug at surface
14" at 28' - Circulate
8 sx plug at 100'

Gelled mud between all plugs

8-5/8" at 748' - 150 sx
50 sx plug at 800'

Interval 2960' to 3171'

5-1/2" at 3200' - 250 sx

TD 3200'

25-16-30
Brewer Drlg. Co.
A. N. Etz #1, Unit H.
1980/N 510/E
Completed 9-27-43

8-1/2" at 575' - 50 sx

5-1/2" at 2902' - 100 sx
Intervals 3020'-30' & 3078'-80'
TD 3090'

P&A 3-15-49 - No P&A Report available, date only.

25-16-30
Brewer Drlg. Co.
A. N. Etx #2, Unit A
810/N 510/E
Completed 12-9-44

8-1/4" at 408' - 50 sx

5-1/2" at 2895' - 150 sx

Intervals 3028'-35' & 3070'-80'

TD 3095'

P&A 11-17-48 - No P&A Report available, date only.

25-16-30
Arwood, Ltd.
Etz Fed. #1, Unit C
660/N 1980/W
Completed 4-8-66

11-3/4" at 519' - 500 sx
11-3/4" at 519' - 500 sx

Intervals 2951'-56'
2980'-3000'
3131'-46'

Set 8-5/8" BP at 3167' - Re-entry 1967
8-5/8" at 3168' - 770 sx
8-5/8" at 3168' - 770 sx

50 sx cement plug at 3400'-3200'

25 sx cement plug at 4600'-4700'

25 sx cement plug at 6450'-6550'

50 sx cement plug at 7705'

Spot 25 sx cement 8764'-69' (Wolfcamp
Interval 8765'-69' Perfs)

5-1/2" at 8900' - 200 sx

TD 8900'

25-16-30
Arwood, Ltd.
Etz A Fed. #1, Unit E
1980/N 660/W
Completed 1-22-66

25 sx surface plug

11-3/4" at 512' - 500 sx
11-3/4" at 512' - 500 sx
35 sx cement plug at 750'
30 sx Cement plug at 1650'

25 sx/bbl. water gel
mud between each plug

5-1/2" at 3216'-3046' - 65 sx
8-5/8" at 3098' - 770 sx
8-5/8" at 3098' - 700 sx
Interval 3156'-2978'
50 sx cement plug at 3450'

Spot 50 sx
plug across
perf. Spot
gel mud.

25 sx cement plug at 6550'

50 sx cement plug at 6995'
P&A to San Andres 2-14-67

Spot 25 sx plug at 8802'-30' (Wolfcamp)
Interval 8830'-8802'
4-1/2" at 8926' - 600 sx
TD 8926'

25-16-30
Brewer Drlg. Co.
A. N. Etz #3, Unit G
2130/N 1650/E
Completed 1-11-45

8-1/2" at 480' - 50 sx

Interval ?

5-1/2" at 2900' - 150 sx

TD 3100'

P&A 11-17-48 - No P&A Report available, date only.

25-16-30
J. B. Mulcock
Etz #1, Unit M
660/S 660/W
Completed 10-25-40

10-1/4 at 495' - 50 sx
10 sx plug at base of salt, 10 sx plug
at top of salt. Hole filled with mud.
Cement set for marker.

8-1/4" at 2385'

7" at 2428' - 50 sx

15 sx cement plug placed at base of
7" casing

Intervals 2958'-60'
3011'-18'

TD 3081'

25-16-30
J. B. Mulcock
Etz #2, Unit N
660/S 1980/W
Completed 2-1-43

8-1/4" at 478' - 50 sx

10 sx cement plug at base of salt,
10 sx cement plug at top of salt, hole
filled with mud & cement set for marker.

5-1/2" at 2853' - 100 sx
15 sx cement plug at base of 5-1/2"
casing

Intervals 2954'-56'
3000'-10'

TD 3016'

30-16-31
Boyd-Plemans Drlg. Co.
Well #1, Unit M
660/S 660/W
Completed 4-28-42

Mud to surface & cement marker

10 sx at 510'-480'

8-1/4" at 607' - 50 sx

Mud hole 1360'-1510'

15 sx plug at 1410'-1360'

Cement plug at 3000'-2950'

5-1/2" at 3050' - 100 sx

TD 3107' (Initial)

Intervals 3172'-3241'

30-16-31
Boyd-Plemans Drlg. Co.
Well #2, Unit L
1980/S 560/W
Completed 10-13-42

Mud to surface & cement marker

8-1/4" at 486' - 50 sx

Mud hole 1330'-1500'

15 sx cement plug at 1375'-1330'

7" at 2901' - 100 sx

15 sx cement plug at 3000'-2960'

Intervals 3040'-47'
3090'-97'

TD 3202'

36-16-30
Brewer Drlg. Co.
George Etz Woodward #1
Unit E
1980/N 503/W
Completed 9-30-44

Cement for marker
Fill to surface with mud
Cement plug at 400' w/10 sx cement
No casing record available

Set cement bridge at 2600' w/5 sx
Mud with 50 sx & 10 sx cement

Intervals 3068'-3180'
3125'-3140'

TD 3150'

36-16-30
Tom Boyd Drlg. Co.
Continental St. 36 # 4
Unit D
660/N 660/W
Completed 12-8-42

Cement for marker
Filled hole to surface w/mud
10-3/4" at 534' - 50 sx
10 sx cement plug in 10-3/4" pipe

8-5/8" at 2400' - pulled
7" at 2425' - pulled
5-1/2" at 2824' - 100 sx
10 sx cement plug inside 5-1/2" casing

Interval 2932'-3030'

TD 3030'

36-16-30
Newmont Oil Co.
Continental-St. #3
Unit C
660/N 1980/W
Completed 10-18-42

Cement Marker
Mud to surface

10-3/4" at 561' - 200 sx
10 sx cement plug in 10-3/4" pipe

7" at 2403' - pulled

5-1/2" at 2838' - 100 sx

10 sx cement plug inside 5-1/2" casing

Interval 2965'-3051'
TD 3051'

36-16-30
V. S. Welch
State #1, Unit A
660/N 660/E
Completed 2-15-42

Set marker

Mud to surface

8-1/4" at 478' - 50 sx

10 sx cement plug set at 510'

7" at 2798' - 100 sx

Set plug & cement w/20 sx

Interval 3012'-3018'

TD 3040'



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

JERRY APODACA
GOVERNOR

NICK FRANKLIN
SECRETARY

June 20, 1978

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

Stallworth Oil and Gas, Inc.
P. O. Box 479
Dallas, Texas 75221

Attention: Murray E. Helmers

Dear Mr. Helmers:

Your application of May 12, 1978, for administrative approval for conversion to injection of your Etz Well No. 3 in Unit P of Section 25-T16S-R-30E, Grayburg Jackson Pool, Eddy County, New Mexico, has just come to my attention. As the application was not filed in accordance with Rule 701 of the Division Rules and Regulations and Division Memo 3-77, it cannot be approved. Copies of the rule and memorandum are enclosed for your convenience.

I regret that your original application has been delayed. Upon receipt of an application filed in due form, we shall process the same as expeditiously as possible.

Very truly yours,

A handwritten signature in dark ink, appearing to read "R. L. Stamets", written over a horizontal line.

R. L. STAMETS
Technical Support Chief

RLS/og
Encls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

LC-029424

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different locality. Use "APPLICATION FOR PERMIT" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Stallworth Oil & Gas, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 479, Dallas, Texas 75221

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface

1980' from the south & east lines of
Section 2514. PERMIT NO. Intent to
Drill Approved

15. ELEVATIONS (Show whether BP, RT, GR, etc.)

3832' GR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Etz

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Square Lake
(Grayburg-San Andres)11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 25

T16S, R30E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

16. 6/30/42

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Convert to Injection Well

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Administrative approval is requested to convert the No. 3 Etz well to water injection pursuant to NMOCC Order No. R-2977 in Case No. 3310, October 6, 1965.

A copy of our well status report, dated 5/7/76, is enclosed with accompanying regional and areal plats locating the Etz property.

The Etz property, situated in the SE quarter of Section 25, T16S, R30E, forms a part of a cooperative waterflood with Arwood, Ltd. and Anadarko Production Company. Water injection wells are located at each corner of the Etz quarter section. Five producing wells are located on the property on regular 40 acre tracts except for well No. 6 situated near the center of the quarter section. Original development plans were to cease corner injection when the offset producer watered out and to convert that producer to water injection status. We propose to follow this procedure and to initiate injection into our No. 3 well to inject water through tubing and below a packer set at 2975' into the Grayburg and San Andres horizons. Arwood, Ltd., as operator of the present No. 6 Loe water injection well, will either continue injection into that well to support their flood operation, or they will plug and abandon the well.

18. I hereby certify that the foregoing is true and correct

SIGNED

(This space for Federal or State office use)

TITLE

Exec. Vice-President

DATE

5/2/78

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACTING DISTRICT ENGINEER

DATE

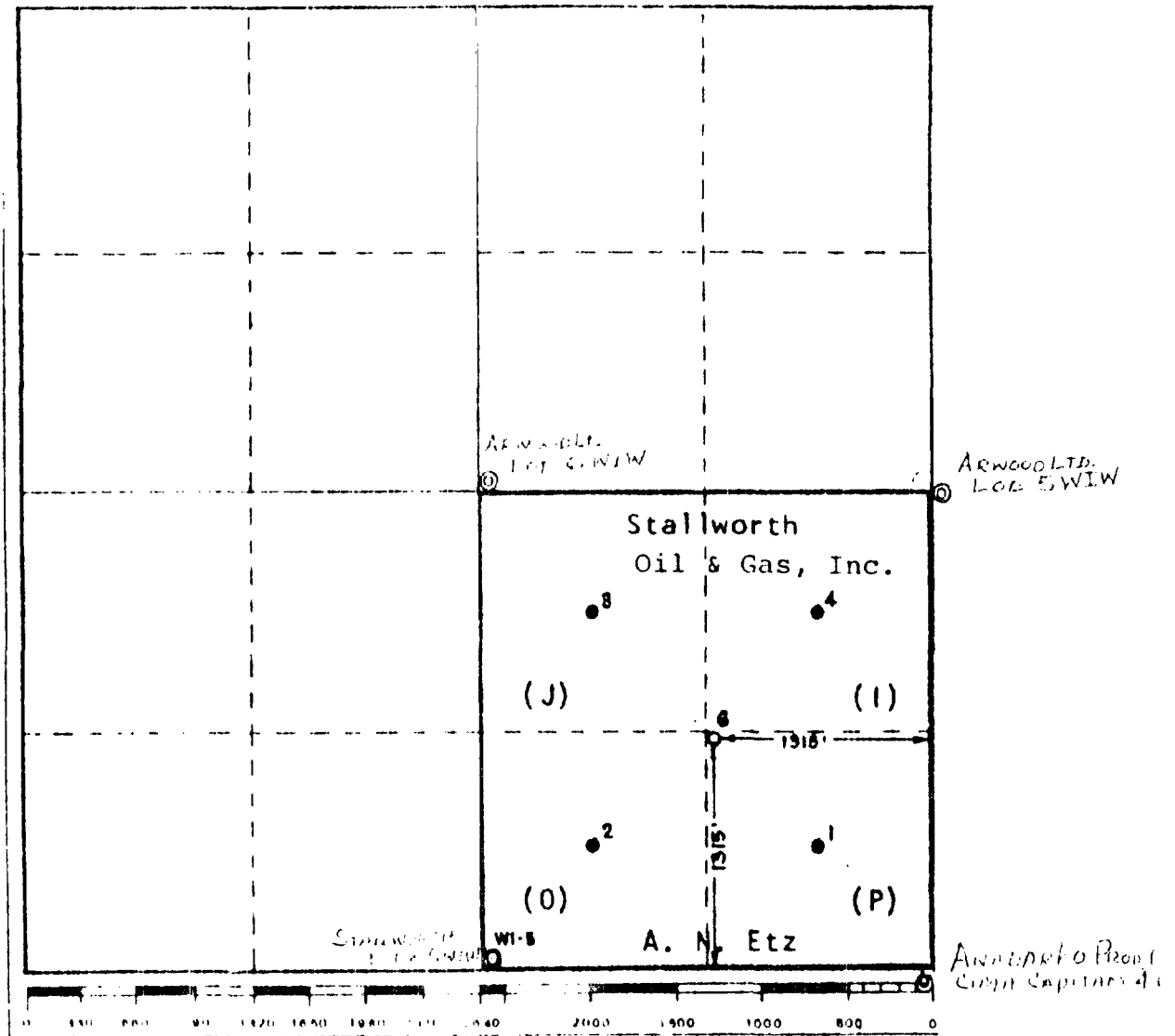
MAY 8 - 1978

[illegible]

R 30 E

Section 25

T
16
S



Stallworth Oil & Gas, Inc.
Square Lake Field
Eddy County, New Mexico

GEOLOGICAL SURVEY

WELL STATUS REPORT

(To be submitted in quintuplicate on all inactive wells)

NAME AND ADDRESS OF OPERATOR

Stallworth Oil & Gas, Inc.
P. O. Box 3310 - Midland, Texas 79701

WELL NO. AND LEASE NAME

No. 3 Etz

LEASE NO.

IC 029424

COUNTY

Eddy

STATE

New Mexico

Traverse Location of Well:

1980 feet from South

1980 feet from East

Pool
Square Lake (GB-San Andre)

1. When Was Well Shut-in or Last Produced?

Last produced in March, 1976. Shut-In 4/1/76.

2. Type Well

☒ Oil Well

☐ Gas Well

☒ Temp. Abd. Well

3. Producing Capability

BOPD 1

MCFGPD 0

BWPD 67

Date Last Tested 3/25/76

4. Is Well Considered Capable of Production in Paying Quantities?

☐ Yes

☒ No

5. If Capable of Producing in Paying Quantities, Give Reasons For Not Producing Well

RECEIVED
MAY 10 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

6. If Not Capable of Producing in Paying Quantities, Give Reasons For Not Plugging Well At This Time.

The well is offset by a corner water injection well. We plan to eventually convert this well to water injection to back up No.6, the center producing well on the Etz lease.

7. What Are Future Plans For Operating Well (Include Estimated Dates)?

The Etz No. 3 will flow periodically, due to pressure from the offset injection well. The pumping unit has been removed. We will remove the rods and hook up the well for flowing conditions. This work should be completed by 5/21/76, and we will continue to show production on the NMOCC C-115 report.

I hereby certify that the foregoing is true and correct

SIGNED

Michael J. G. Moore

TITLE

Engineer

DATE

5/7/76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY 11 1976

MIDLAND

STALLWORTH OIL & GAS

nyd
Fick

STALLWORTH OIL & GAS, INC.
ETZ NO. 3 WELL
Location J, 1980' FS&E Lines
Section 25, T16S, R30E
Eddy County, New Mexico

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

Elevation 3832' GR

Estimated TOC 315'

8-1/4", 28# Casing set at
475' with 50 sx

Estimated TOC 1645'

Estimated TOC 2608'

7", 24# Casing set at 2830'
with 100 sx

Baker Model AD-1 Packer set
on 2", 4.7#, IPC Tubing at
2975'

Anticipate Injection
of 200 BWPD at 500 psig
Surface Pressure

Premier (Grayburg) perfor-
ations 3014 - 3058'

5-1/2", 15.5# Casing set at
3138' with 50 sx & 10 sx Late
Lovington (San Andres) Open
Hole Pay Interval 3138 - 3185'
TD 3185'



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

JERRY APODACA
GOVERNOR

NICK FRANKLIN
SECRETARY

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

June 20, 1978

Stallworth Oil and Gas, Inc.
P. O. Box 479
Dallas, Texas 75221

Attention: Murray E. Helmers

Dear Mr. Helmers:

Your application of May 12, 1978, for administrative approval for conversion to injection of your Etz Well No. 3 in Unit P of Section 25-T16S-R-30E, Grayburg Jackson Pool, Eddy County, New Mexico, has just come to my attention. As the application was not filed in accordance with Rule 701 of the Division Rules and Regulations and Division Memo 3-77, it cannot be approved. Copies of the rule and memorandum are enclosed for your convenience.

I regret that your original application has been delayed. Upon receipt of an application filed in due form, we shall process the same as expeditiously as possible.

Very truly yours,

R. L. STAMETS
Technical Support Chief

RLS/og
Encls.



MAY 10 1978

Please address reply to:
P. O. Box 479
Dallas, Texas 75221

930 Hartford Building / Dallas, Texas
(214) 651-0042

May 12, 1978

RECEIVED

MAY 15 1978

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

Mr. Bill Gressett
New Mexico Oil Conservation Commission
P. O. Drawer DD
Artesia, New Mexico 88210

Dear Bill:

Enclosed is a copy of approved USGS Form 9-331, relating to our plans to convert the No. 3 Etz well to water injection in the Grayburg and San Andres horizons. With USGS's approval now in hand, we would appreciate your administrative concurrent approval so that we may proceed with this work at the earliest possible time.

We appreciate your assistance.

Best regards,

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

MEH/sv

Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
MAY 16 1978Form approved.
Budget Bureau No. 42-R1424
CASE DESIGNATION AND SERIAL NO.

LD-029424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different depth.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR	8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR	9. WELL NO.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface	10. FIELD AND POOL, OR WILDCA.
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH
16. 6/30/42	13. STATE
Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF ☐	WATER SHUT-OFF ☐
FRACTURE TREAT ☐	FRACTURE TREATMENT ☐
SHOOT OR ACIDIZE ☐	SHOOTING OR ACIDIZING ☐
REPAIR WELL ☐	REPAIRING WELL ☐
PULL OR ALTER CASING ☐	ALTERING CASING ☐
MULTIPLE COMPLETE ☐	ABANDONMENT* ☐
ABANDON* ☐	
CHANGE PLANS ☐	
(Other) Convert to Injection Well X	(Other) ☐
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)	

Administrative approval is requested to convert the No. 3 Etz well to water injection pursuant to NMOCC Order No. R-2977 in Case No. 3310, October 6, 1965.

A copy of our well status report, dated 5/7/76, is enclosed with accompanying regional and areal plats locating the Etz property.

The Etz property, situated in the SE quarter of Section 25, T16S, R30E, forms a part of a cooperative waterflood with Arwood, Ltd. and Anadarko Production Company. Water injection wells are located at each corner of the Etz quarter section. Five producing wells are located on the property on regular 40 acre tracts except for well No. 6 situated near the center of the quarter section. Original development plans were to cease corner injection when the offset producer watered out and to convert that producer to water injection status. We propose to follow this procedure and to initiate injection into our No. 3 well to inject water through tubing and below a packer set at 2975' into the Grayburg and San Andres horizons. Arwood, Ltd., as operator of the present No. 6 Loe water injection well, will either continue injection into that well to support their flood operation, or they will plug and abandon the well.

(Over)

18. I hereby certify that the foregoing is true and correct	
SIGNED <i>Murray E. Helmers</i>	TITLE Exec. Vice-President
(This space for Federal or State office use)	DATE 5/2/78
APPROVED BY <i>J. S. Larr</i>	TITLE ACTING DISTRICT ENGINEER
CONDITIONS OF APPROVAL, IF ANY:	DATE MAY 8 - 1978

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

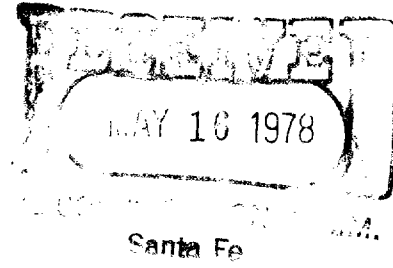
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present or potential fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; kind or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1963 O-688229

647-447

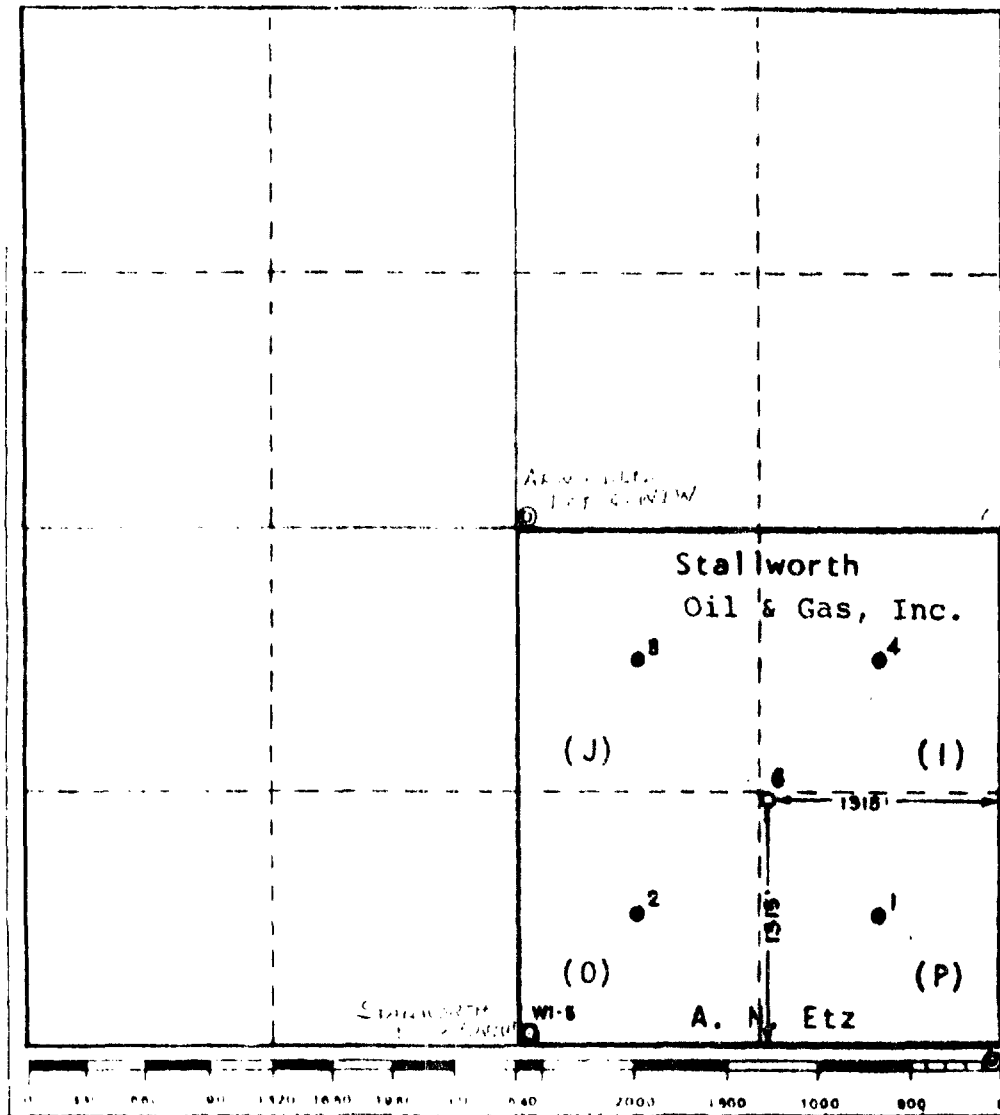
We hope to convert the well to injection and would appreciate your approval at the earliest possible time.



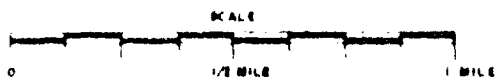
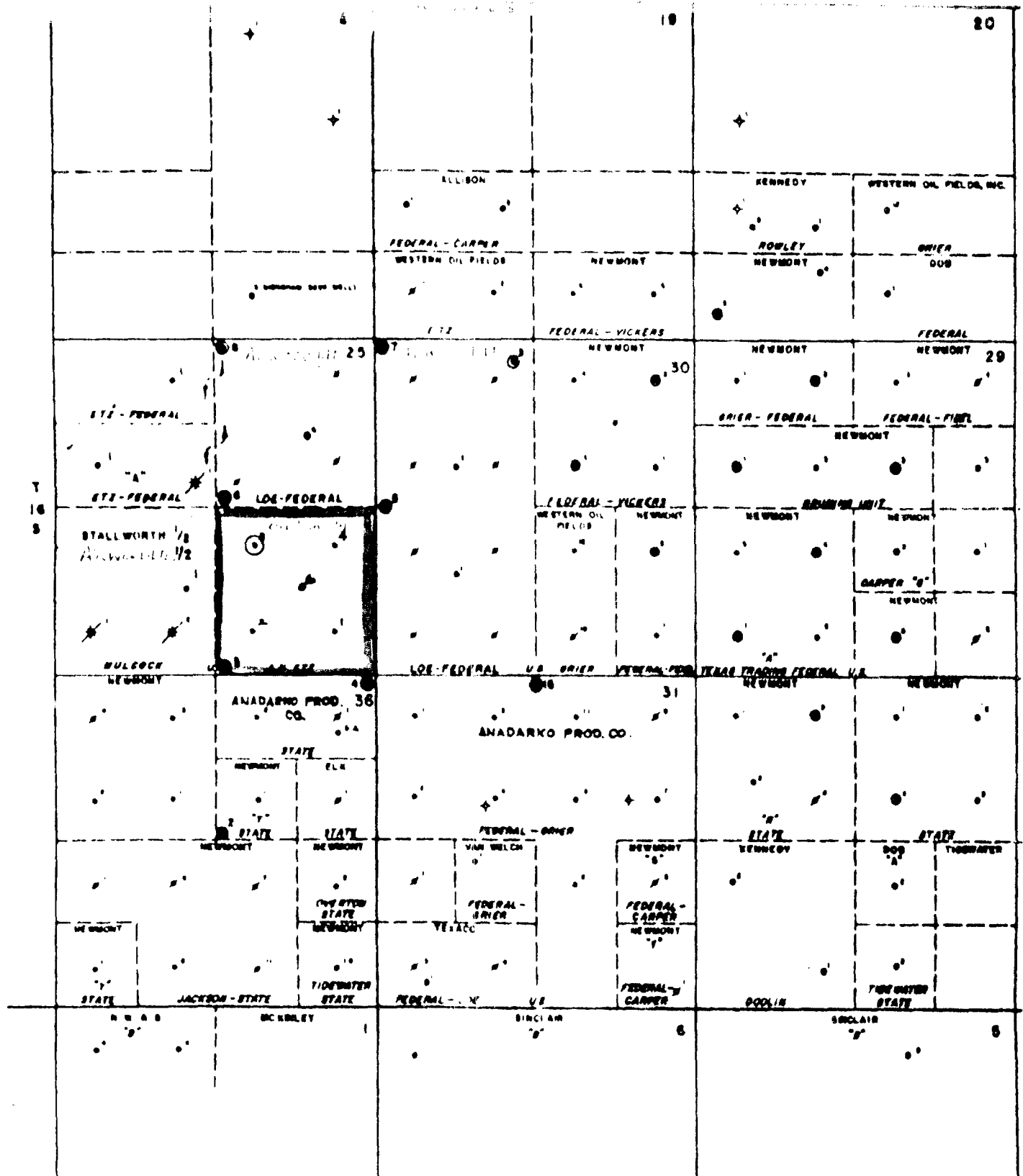
R 30 E

Section 25

T
16
S



Stallworth Oil & Gas, Inc.
Square Lake Field
Eddy County, New Mexico



LEGEND

- PRODUCING OIL WELL
- ABANDONED OIL WELL
- ✦ DRY HOLE
- ⬢ GAS WELL
- ⬢ ABANDONED GAS WELL

- WATER INJECTION WELL
- LOCATION-INJECTION
- LOCATION-PRODUCTION

Stallworth Oil & Gas, Inc.
 SQUARE LAKE FIELD
 EDDY COUNTY, NEW MEXICO

WELL STATUS REPORT

(To be submitted in quintuplicate on all inactive wells)

NAME AND ADDRESS OF OPERATOR

Stallworth Oil & Gas, Inc.

P. O. Box 3310 - Midland, Texas 79701

WELL NO. AND LEASE NAME

No. 3 Etz

LEASE NO.

LC 029424

Location of Well:

1980 feet from South

1980 feet from East

Pool
Square Lake (GB-San Andre)

COUNTY

Eddy

STATE

New Mexico

1. When Was Well Shut-in or Last Produced?

Last produced in March, 1976. Shut-In 4/1/76.

2. Type Well



Oil Well



Gas Well



Temp. Abd. Well



3. Producing Capability

BOPD

1

MCFGPD

0

BWPD

67

Date Last Tested 3/25/76

4. Is Well Considered Capable of Production in Paying Quantities?

☐ Yes☒ No

5. If Capable of Producing in Paying Quantities, Give Reasons For Not Producing Well

RECEIVED
MAY 10 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, N.M.

6. If Not Capable of Producing in Paying Quantities, Give Reasons For Not Plugging Well At This Time.

The well is offset by a corner water injection well. We plan to eventually convert this well to water injection to back up No.6, the center producing well on the Etz lease.

7. What Are Future Plans For Operating Well (Include Estimated Dates)?

The Etz No. 3 will flow periodically, due to pressure from the offset injection well. The pumping unit has been removed. We will remove the rods and hook up the well for flowing conditions. This work should be completed by 5/21/76, and we will continue to show production on the NMOCC C-115 report.

I hereby certify that the foregoing is true and correct

SIGNED

Richard G. McNamee

TITLE

Engineer

DATE

5/7/76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

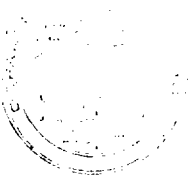
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY 11 1976

MIDLAND

STALLWORTH OIL & GAS



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 127
Artesia, New Mexico

5F
RECEIVED

FEB 26 1979

C. D. C.
ARTESIA, OFFICE

March 15, 1979

Artesia Drilling Company
Box 546
Artesia, New Mexico

Re: L. C. 663924

Gentlemen:

Your "Subsequent Report of Abandonment" dated February 21, 1979, covering your No. 1 A.M. Etr well, located on the subject land in the SE 1/4, section 24, T. 1'S., R. 30E., Square Lake Field, Hddy County, New Mexico, is hereby approved.

Very truly yours

John A. Frost
JOHN A. FROST
District Engineer

cc:copy
Inspected by John A. Frost
March 14, 1979

RECEIVED
FEB 26 1979
OIL CONSERVATION DIVISION
SANTA FE

(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____

Lease No. 063224

Unit _____ RECEIVED

FEB 28 1973

DUNDRY NOTICES AND REPORTS ON WELLS

E. G. C.
APPROPRIATE OFFICE

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 20, 1972

Well No. 1. D24 is located 1230 ft. from N line and 510 ft. from E line of sec. 25
25 (Section and Sec. No.) 16 (Twp.) 30 (Range) N.M.P.M. (Meridian)
30 (Field) Daly (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State briefly and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

The well described well has been plugged and abandoned. We put 20 sacks of cement in the bottom of the hole and set a cement bridge at 2500' with 5 sacks of cement, pumped 50 sacks of mud and 10 sacks of cement through 5 1/2" casing, and set a cement bridge at 300' with 10 sacks of cement, filled hole with mud to surface and set a cement bridge with 5 sacks of cement. We recovered approximately 1000' of 5" casing and 3000' of 2" tubing.

8/4-575-50
5/2-2902-100

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

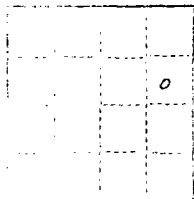
Company Greiner Drilling Company

Address Box 566

Losia, New Mexico

By O. S. Brewer

Title Partner



U S DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEB 28 1978
CONSERVATION BRANCH

ARTESIAN, OFFICE

Sec. 22

T. 19

R. 50:

..... Mer

LAND:

Date March 16, 1973

Ref. No. 54

Field office Las Vegas State New Mexico

Ind No. 01234 County Mad

[illegible]

Attorney _____ Brewer & Billing Company District _____

Page No. 1 Subdivision C 55' 1'

Location 170 feet from north line and 710 feet from east line

Permitting approved July 27, 1913 Well elevation 3621 (452) feet

Sinking commenced August 10, 1912 Total depth 2020 feet

drilling ceased September 22, 1913 Initial production 11,000 bbl. after shot

Completed for production October 1, 1942 Gravity A. P. 1.

Condonment approved March 15, 1942 Initial R. P.

Geologic Formations

Productive Horizons

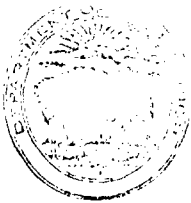
Surface	Lowest tested	Name	Depth	Contents
_____	100F-100	Crabgrass	70F-70	0.1 - 0.1 g
_____			70F-70	0.1 - 0.1 g

4.1.1. STATUS

[illegible]

~~CONFIDENTIAL~~ OIL CONSERVATION DIVISION

SANTA FE
TERRAINES _____ water 2750-60. Show oil and gas 2600-5. _____



ARTESIA OFFICE COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 187

SF
RECEIVED

FEB 28 1979

O. C. C.
ARTESIA, OFFICE

November 17, 1948

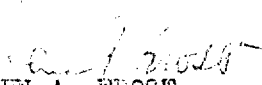
Brewer Drilling Company
Box 566
Artesia, New Mexico

Re: L. C. 063924

Gentlemen:

Your "Subsequent Report of Abandonment" dated September 9, 1948, covering your No. 2 Itz well, located 810' fr N. and 510' fr E. lines of section 25, T. 16S., R. 30E., Square Lake Field, Elddy County, New Mexico, is hereby approved.

Yours very truly


JOHN A. FROST
District Engineer

cc:Proy
Inspected by John A. Frost
November 16, 1948

RECEIVED
OIL CONSERVATION DIVISION
SANTA FE

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Albuquerque

Lease No. 063724

Unit RECEIVED

FEB 28 1979

SUNDRY NOTICES AND REPORTS ON WELLS

U. S. G.
ALBUQUERQUE, NEW MEXICO

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 9, 1979

Well No. 25 is located 810 ft. from N line and 510 ft. from E line of sec. 25

25 (Section No.) 16 South 30 East N.M.P.M.
(Twp.) (Range) (Meridian)
Edgar New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State nature and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

The above described well has been plugged and abandoned. A cement bridge was set at 1075' with 10 sacks of cement in bottom of 5 1/2" casing. At 1100' 30' of 6 1/2" mud. A cement bridge was set in bottom of 6 1/4" casing at 1175' with 10 sacks of cement. Marker was cemented with 5 sacks of cement. At 1500' approximately 1500' of 5 1/2" casing.

8 1/4" 408-50

5 1/2" 2895-150

A statement that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Lawyer Drilling Company

Address Box 566

Los Alamos, New Mexico

By D. S. Brown

Title Partner

(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office No. _____

Lease No. 000000

Unit _____

RECEIVED

FEB 20 1979

SUNDRY NOTICES AND REPORTS ON WELLS

D. C. G.
OFFICE

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Permission to plug and abandon

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 12, 1970

Well No. 10 is located 310 ft. from N line and 510 ft. from E line of sec. 36

35 10 South 30 East A.M.P.M.
(Twp.) (Range) (Meridian)

10 10 New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State name of land and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Notice to plug and abandon the above described well which has been producing only a few barrels per day for the past six months, as the expense of operating and maintaining the well to the production realized does not warrant its further operation. There is 300 feet of 8" casing in the hole, cemented with 90 sacks of cement, and 100 feet of 5" casing in the hole, cemented with 150 sacks of cement. The total depth of the well is 3100 feet.

Notice to place a cement plug at the bottom of the hole and at the base of the salt and fill the hole with mud between the plugs and to the surface.

10 MAY 1970
GEOLOGICAL SURVEY
CONSERVATION DIVISION
OFFICE

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

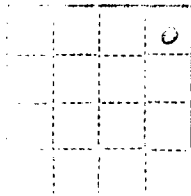
Company Lawson Drilling Company

Address Box 566

Alamogordo, New Mexico

By O. S. Brown

Title Partner



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEB 23 1979 CONSERVATION BRANCH

INDIVIDUAL WELL RECORD
ARTESIA. OFFICE

PUBLIC LAND:

Date November 15, 1949

Sec. _____

T. _____

R. _____

Mon. _____

Rel. No. _____

Land office _____ State _____

Serial No. _____ County _____

Lessee _____ Field _____

Operator _____ District _____

Well No. _____ Subdivision _____

Location 310 feet from north end 150 feet from east 2.

Drilling approved October 7, 1949 Well elevation 500 feet

Drilling commenced October 12, 1949 Total depth 500 feet

Drilling ceased December 9, 1949 Initial production 1/2 barrel per day

Completed for production December 10, 1949 Gravity A. P. I. _____

Abandonment approved November 17, 1949 Initial R. P. _____

Geologic Formations

Surface

Lowest tested

Name

Productive Horizons

Depth

Quantity

Recent

Permian

Shinarump

500-510

1/2 barrel per day

500-510

"

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
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REMARKS

Formerly 000000

ARTESIA OFFICE COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. BOX 187
Artesia, New Mexico

71-
RECEIVED

FEB 28 1979

O. G. G.
ARTESIA, OFFICE

November 17, 1948

Brewer Drilling Company
Box 566
Artesia, New Mexico

Re: L. C. 063924

Gentlemen:

Your "Subsequent Report of Abandonment" dated September 9, 1948, covering your No. 3 Etz well, located 2150' fr N. and 1650' fr E. lines of section 25, T. 16S., R. 30E., Square Lake Field, Eddy County, New Mexico, is hereby approved.

Yours very truly

John A. Frost
JOHN A. FROST
District Engineer

W:roy
Inspected by John A. Frost
November 16, 1948

RECEIVED
MAR 1 1949
OIL CONSERVATION DIVISION
SANTA FE

Land Office ---

Loco No. 05321

Unit..... **RECEIVED**

FEB 28 1979

SUNDAY NOTICES AND REPORTS ON WILLS

U. S. S.
ASTORIA, OREGON

NOTED	INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTED	INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTED	INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTED	INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....
NOTED	INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTED	INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTED	INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Station 9 1912

Well No. 5 is located 2150 ft. from [N] line and 1650 ft. from [E] line of sec. 15.

25 16 North 30 East
 (Twp.) (Range) (Meridian)

 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate clogging jobs, cementing points, and all other important proposed work)

The 10' vertical well has been plugged and abandoned. A cement bridge was set at 10' when 10 sacks of cement in bottom of 5 1/2" casing. Marker was cemented with 10 sacks of cement. A cement bridge was set in bottom of 8 1/4" casing at 1500' with 10 sacks of cement. Marker was cemented with 5 sacks of cement. The well was plugged at 1500' of 5 1/2" casing.

8'4" 480-50
5'2" 2900-150

RECEIVED

100-20370

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company CONSEJO SANTA FE Company

Address Box 526

190512, New Mexico

By W. B. Brown

Title Partner*

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office 00026

Lease No. Las Cruces

Unit RECEIVED

FEB 28 1978

SUNDRY NOTICES AND REPORTS ON WELLS

ARTESIA, NEW MEXICO

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	To plug and abandon well	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 12, 1946

Well No. 15 is located 2130 ft. from N line and 1650 ft. from E line of sec. 25.

S. 16 of Section 25 16 South, Range 30 E., N.M.P.M.
(S. and Sec. No.) (Twp.) (Range) (Meridian)

Square 16 Eddy New Mexico
(Sec.) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State name of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

We desire to plug and abandon the above well which has been producing as the expense of operating same in comparison to the production realized does not warrant its operating. There is 480 (feet) of 6 1/4" casing in the hole, cemented with 50 sacks of cement, and 2900 (feet) of 5 1/2" casing in the hole, cemented with 150 sacks of cement. The total depth of the well is 3100 (feet).

We propose to place a cement plug at the bottom of the 5 1/2" and at the base of the 6 1/4" and fill the hole with mud between the plugs and to the surface.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

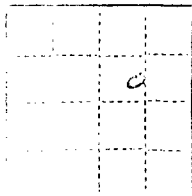
Company CIL CONSERVATION DIVISION
Broder Drilling Company

Address Box 566

Artesia, New Mexico

By Ed. Brown

Title Partner



RECEIVED
DEPARTMENT OF THE INTERIOR
FEB 28 1979 GEOLOGICAL SURVEY
CONSERVATION BRANCH
U. S. G.
ARTESIAN OFFEE INDIVIDUAL WELL RECORD

Sec. 120
T. 120
R. 120
Mer.

PUBLIC LAND:

Date November 19, 1940

Ref. No. 10

nd office Las Alamos State New Mexico
erial No. 033021 County Bernalillo
Source A. L. 102 Field Square Lake Road
Operator Denver Drilling Company District Artesia
Well No. 3 Subdivision B S 102

Location 2150 feet from north and 1050 feet from east lines

Drilling approved December 3, 1941 Well elevation 5247 (210) feet
Drilling commenced December 10, 1941 Total depth 5200 feet
Drilling ceased January 30, 1943 Initial production 5/13 1943 (100) gals
Completed for production January 31, 1943 Gravity A. P. I.
Abandonment approved Nov 17, 1943 Initial R. P.

Geologic Formations		Productive Horizons	
Surface	Lowest tested	Name	Depths
10	Permian	Smyburg	Top 2 1/2 miles

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
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REMARKS Formerly 070224.



Please address reply to:

P. O. Box 479
Dallas, Texas 75221

930 Hartford Building / Dallas, Texas
(214) 651-0042

February 28, 1979

Mr. R. L. Stamets
Technical Support Chief
State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Conversion of Etz No. 3 Well
Unit J, 25-T16S-R30E
Lease No. LC-029424
Square Lake (Grayburg-San
Andres) Field
Eddy County, New Mexico

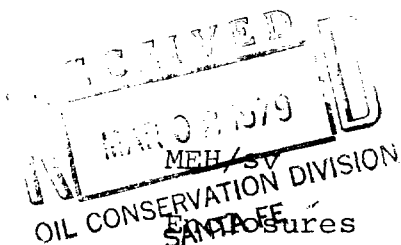
Dear Mr. Stamets:

In connection with the captioned proposal for conversion of our No. 3 Etz well from producing to injection status dated February 5, 1979, we are enclosing copies of waivers executed by all off-set operators. By this date, you should have received a copy of the original waiver signed by each of the operators. The attached copies are provided for your files in the event those copies were not received or have been mislaid.

We trust this will satisfy Commission requirements with regard to our proposal and would appreciate your timely approval of our application.

Very truly yours,

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



W A I V E 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-4
Stallworth Oil & Gas, Inc.
Etz No. 3 Well
Unit J, 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.

Yours truly,

Company Texaco Inc.

Representative _____

Signature *L. L. Lippmore*

Title Asst. Div. Petr. Engr.

Date February 14, 1979

FEB 16 1979
CONSERVATION COMM.
Santa Fe

W A I V E 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-4
Stallworth Oil & Gas, Inc.
Etz No. 3 Well
Unit J, 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.

Yours truly,

Company ARWOOD LTD.
Representative Frazier Arwood
Signature *Frazier Arwood*
Title General Partner
Date 2-7-79

W A I V E 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-4
Stallworth Oil & Gas, Inc.
Etz No. 3 Well
Unit J, 25-T16S-R30E
Federal Lease LC-029424
Square Lake (Grayburg-San
Andres) Field
Eddy County, New Mexico

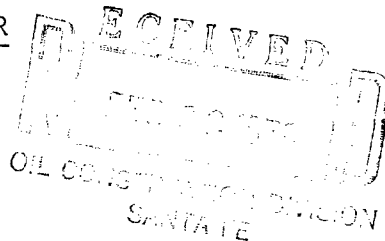
Gentlemen:

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.

Yours truly,

Company NEWMONT OIL COMPANY
Representative ALVIN V. WHITE
Signature *Alvin V. White*
Title VICE PRESIDENT, PRODUCTION
Date FEBRUARY 9, 1979

W A I V E 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-4
Stallworth Oil & Gas, Inc.
Etz No. 3 Well
Unit J, 25-T16S-R30E
Federal Lease LC-029424
Square Lake (Grayburg-San
Andres) Field
Eddy County, New Mexico

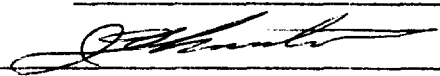
Gentlemen:

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.

Yours truly,

Company Anadarko Production Company

Representative J. D. Christner

Signature 

Title Sr. Petroleum Engineer

Date February 21, 1979