



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICE

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

April 14, 1981

RECEIVED

APR 23 1981

O. C. D.
ARTESIA OFFICE

P.O. DRAWER DD
ARTESIA, NEW MEXICO 88210
(505) 748-1283

APR 15 1981

APR 15 1981

STALLWORTH OIL & GAS

Stallworth Oil & Gas Inc.
407 West Missouri
Midland, Tx 79701

Re: Etz #2-0, 25-16-30
Eddy County, NM

Gentlemen:

As of this date this office has not received approval of the subject well being included in this waterflood as an injection well.

For expansion of a waterflood you need approval from our Santa Fe Office.

If you have any further questions concerning this matter please feel free to call me.

Sincerely yours,

Mike Williams
Mike Williams
Oil & Gas Inspector

MW:jw

APR 23 1981
O. C. D.
ARTESIA OFFICE

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March 20, 1981

RECEIVED

US Department of the Interior
Geological Survey
P.O. Drawer U
Artesia, NM 88210

APR 23 1981

O. C. D.
ARTESIA OFFICE

RE: Ada Nye Etz
Oil & Gas Lease
L.C. 029424

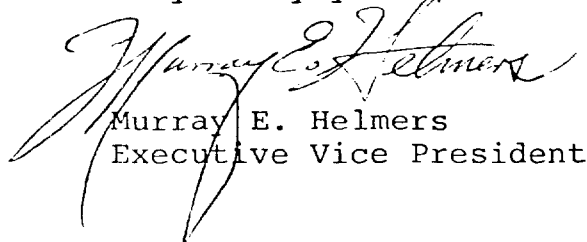
Gentlemen:

Enclosed are Sundry Notices and Reports on Wells Forms 9-331 pertaining to the captioned property water injection well No. 5 and producing well No. 2.

Please be advised that we propose to plug and abandon the Etz No. 5 injection well and to convert our Etz No. 2 producing well to an injection well. Both wells are located within the boundaries of a recognized cooperative waterflood project which has been certified under New Mexico Oil Conservation Division Order No. R-2977. Precedent was established on March 13, 1979, with Oil Conservation Approval WFX No. 473 to convert the No. 3 Etz producing well to a water injection well following plugging and abandonment procedure of the Arwood Limited No. 6 Loe water injection well. A copy of our lease plat and aerial plat are enclosed for your information. This procedure was handled administratively by the New Mexico Oil Conservation Commission.

We are anxious to proceed with the current project at an early date and will appreciate receiving your letter and instructions as to the procedure and forms which you may require.

Very truly yours,


Murray E. Helmers
Executive Vice President

dw

Enclosures

cc: New Mexico Energy & Minerals Dept.
Oil Conservation Division
P.O. Box 1980
Hobbs, NM 88240

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APR 27 1981

O. C. I.
ARTIST'S OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instruction
reverse side)Form Approved
Bodrii 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 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, TX 75221

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
660' from the south line and 1980' from the east
line of Section 25.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3822' GR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Etz

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Square Lake (Grayburg SA)

11. SEC., T., R., M., OR BLE. AND
SURVEY OR AREA
Section 25,
T16S, R30E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Injection Well Conversion

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(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 Stallworth Oil & Gas, Inc. No. 2 Etz producing well to a waterflood injection well with packer set on 2-3/8" IPC tubing above both the Grayburg and San Andres pay intervals. With this procedure, injection water would be isolated through the tubing, below the packer, and into both pay intervals. Based on our experiences in waterflooding this property since 1966, we feel that more than 90% of the water that is injected will enter the upper (Grayburg) horizon and will sweep oil through that zone toward the three remaining producers on the property, Nos. 1, 4, and 6.

Prior approval was obtained in 1979 to plug and abandon the cooperative Arwood Limited No. 6 Loe waterflood injection well located on the northwest corner of the Etz lease and to convert our Etz No. 3 producing well to waterflood injection status.

Please advise us of your requirements so that we may proceed with this program in the near future.

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

SIGNED

TITLE

Ex. Vice President

DATE

March 20, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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.)

RECEIVED

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Injection Well		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Stallworth Oil & Gas, Inc.		8. FARM OR LEASE NAME Etz	
3. ADDRESS OF OPERATOR P.O. Box 479, Dallas, TX 75221		9. WELL NO. 5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 10' FSL & 2630' FEL, Section 25, T-16-S, R-30-E		10. FIELD AND POOL, OR WILDCAT Square Lake	
11. SEC., T., E., M., OR F.R. AND SUEVEY OR AREA 25, 16S, 30E		12. COUNTY OR PARISH Eddy	
14. PERMIT NO.		13. STATE New Mexico	
15. ELEVATIONS (Show whether DE, RT, GR, etc.) 3790' GR			

16. 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) ☐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 plug & abandon the Stallworth Oil & Gas, Inc. No. 5 Ada Nye Etz waterflood injection well, in the Square Lake (Grayburg-S.A.) Field, Eddy County, New Mexico.

This well was originally drilled in the southwest corner of the Etz lease for the purpose of injecting water in a cooperative waterflood of the Premier and Lovington Horizons and has functioned in that capacity since initial injection began on April 13, 1966.

The packer, set at 3087', (which served to separate tubing injection through the lower pay interval from annular injection through the upper interval) is stuck and it is extremely doubtful that it can be recovered. Please advise us of your recommendations so that we may proceed to plug and abandon this well.

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

SIGNED

TITLE Ex. Vice PresidentDATE March 20, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

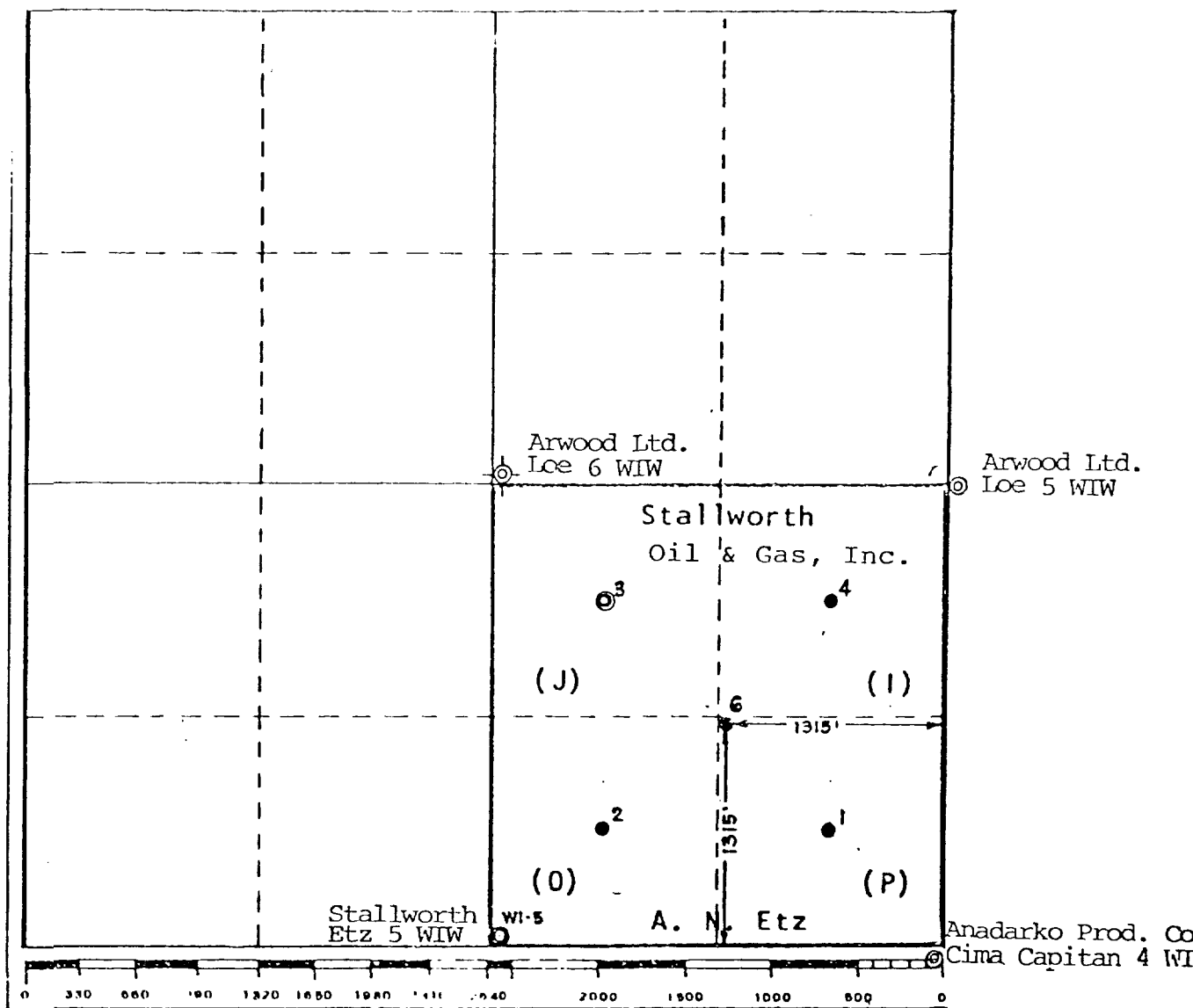
CONDITIONS OF APPROVAL, IF ANY:

[illegible]

T
16
S

R 30 E

Section 25



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

● — Producing Well
⊙ — Water Injection Well

RECEIVED

APR 27 1981

O. C. D.

ARTESIA, OFFICE

Memo

From

3-1-79

W. A. GRESSETT
Supervisor

To Dick Stamets

Mike checked this area and found no visible evidence of water flow problems.

Attached are copies of the plugging reports and they don't look very good.

Arwood Lane #6-G-25-16-30

Dec. inj. was 5935 BW @ 2100 #

Arwood Lane #5-L-30-16-31

Dec. inj. was 6765 BW @ 2100 #

These are closer to the Brewer Drilling Co. Ety wells than the one proposed by Stallworth (for whatever this might be worth)

Bill

Memo

From

R. L. STAMETS
TECHNICAL
SUPPORT CHIEF

To Car/

I've done some preliminary
work on this application.
It looks bad. I
sent a copy down to
Bill Gressett. We need
to see what he has
to say and perhaps
set this for hearing.
Check with me next week.

OIL CONSERVATION COMMISSION-SANTA FE

R. L. Stamets

Carl

There are bad wells in this area. Gressett looked the area over and there is no apparent leakage. The addition of this well appears to make no difference.

Unless you see something else it can be approved but we should send a special letter as per the attached.