

Subsequent Report of Abandonment

FILE NOTATIONS

Entered in NID File _____
Entered On S R Sheet _____
Location Map Pinned _____
Card Indexed _____
IWR for State or Fee Land _____

Checked by Chief PMB
Copy NID to Field Office _____
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

Boat Wash Completed _____
CW _____ WW _____ TA _____
CW _____ OS _____ RA

Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS USED

Diller's Logs 2-34-65
Electric Logs (No. 1) _____

E _____ II _____ E-II GR _____ GR-NI _____ Micro _____
Bat _____ Mill _____ Sonic Others _____

CRW
12-30-91

H. E. ZOLLER, JR.
K. I. DANNEBERG

ZOLLER AND DANNEBERG

219 PATTERSON BUILDING
DENVER, COLORADO 80202

January 25, 1965

State of Utah
Oil and Gas Conservation Commission
348 East South Temple
Salt Lake City, Utah

RE: Z & D - Federal Well No. 1
SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 9-40S-22E
San Juan County, New Mexico

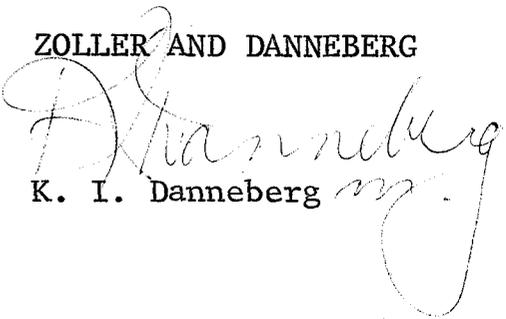
Gentlemen:

We enclose an original and one copy of our Application for Permit to Drill the above referenced well together with two certified staking plats.

We hope this meets with your requirements, and request an early approval of same.

Very truly yours,

ZOLLER AND DANNEBERG


K. I. Danneberg

KID:mob

encls.

Copy H/C

SUBMIT IN DUPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
ZOLLER AND DANNEBERG

3. ADDRESS OF OPERATOR
 219 Patterson Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1980' S/N, 1980' E/W (Center SE 1/4 NW 1/4) Section 9
 At proposed pool zone
 Township 40 South, Range 22 East
 Desert Creek

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 7 miles east of Bluff

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 1980'
 (Also to nearest drlg. line, if any)

16. NO. OF ACRES IN LEASE
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL
 80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
 5900'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4849 Ground

22. APPROX. DATE WORK WILL START*
 January 25, 1965

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	13-3/8"		150'	100 100 SX

An intermediate string of 8-5/8" casing will be run if water flow is encountered in Navajo.

Oil base mud will be used in drilling to total depth.

All shows of oil or gas will be properly tested and 5-1/2" production casing will be run if commercial production is encountered in the Ismay & Desert Creek zones.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

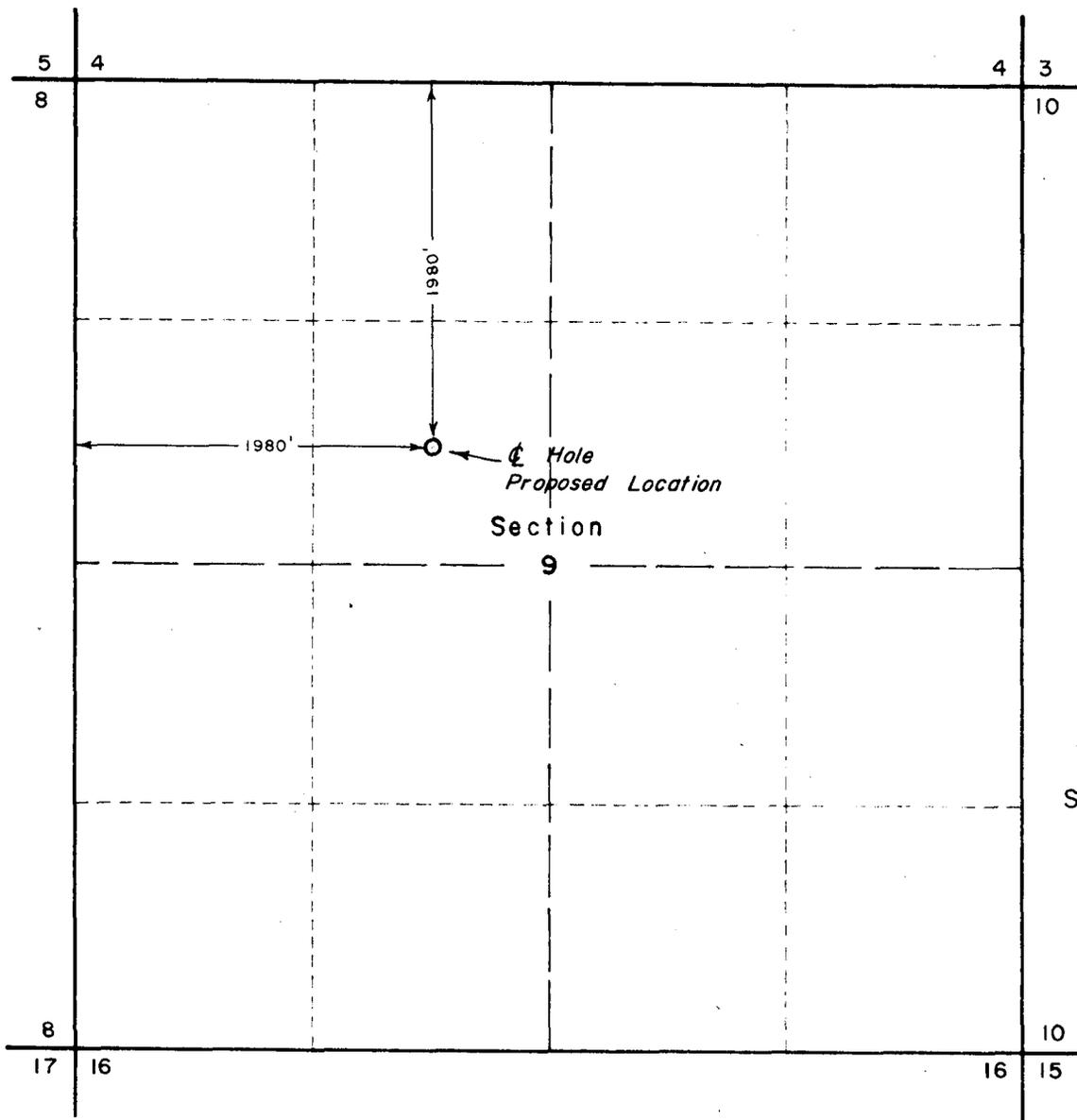
24. SIGNED [Signature] TITLE Partner DATE Jan. 20, 1965

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



Scale: 1" = 1000'

WELL LOCATION: Tenneco Oil Company - Federal # 1

Located 1980 feet South of the North line and 1980 feet East of the West line of Section 9,
 Township 40 South, Range 22 East, Salt Lake Base & Meridian.
 San Juan Co., Utah
 Existing ground elevation determined at 4849 feet based on U.S.G.S. datum.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Frederick H. Reed

FREDERICK H. REED
 Registered Land Surveyor
 State of Utah # 2689



TENNECO OIL COMPANY Durango, Colorado	
WELL LOCATION PLAT Sec. 9 - T.40 S. - R.22 E. San Juan County, Utah	
CLARK-REED & ASSOC. Durango, Colorado	DATE Jan. 15, 1965 FILE NO. 65003

January 22, 1965

Zoller and Danneberg
219 Patterson Building
Denver, Colorado 80202

Re: Notice of Intention to Drill Well No.
Federal #1, 1980' FNL & 1980' FWL,
C SE NW of Section 9, T. 40 S., R. 22 E.,
San Juan County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above well is hereby granted.

As soon as you have determined that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
Office: DA 8-5771, DA 8-5772 or DA 8-5773
Home: CR 7-2890 - Salt Lake City, Utah

This approval terminates within 90 days if this well has not been spudded within said period.

Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly assessable near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

**CLEON B. FREIGHT
EXECUTIVE DIRECTOR**

CBF:sch

cc: Jerry Long, Dist. Eng., Box 1889, Durango, Colorado

PLUGGING PROGRAM FORM

Name of Company Z & D Verbal Approval Given To: Paul Buler

Well Name: Z & D # 12ed. Sec. 9 T. 40S R. 22 County: San Juan

Ran 35 ft lower than other wells
Verbal Approval was given to plug the above mentioned well in the following manner:

T.D. 6038

Elect Top: Navajo 853

Chonili 1370

Shinarump 2408

Moonburg 2480

De Chelly 2780

Dragoon 2858

Hermosa 4730

Upper Dwy 5674

Lower " 5782

Pungwa Sh 5829

Desert Creek 5878

Base " 5982

T.D. 6038 above salt

No Cores

mountain & then on IES
only Porosity
5928-6035 → 100' of
gravel

- 1) 6000 - 5800 → across the Desert Creek & Lower
- 2) 4775 - 4675 → top of Hermosa (Penn)
- 3) 1400 → 1300 → Chonili
- 4) 900 - 800 → Navajo
- 5) 185 - 135 → 1/2 in out of surface casing
- 6) 10 ft / marks / mud between all

Date Verbally Approved: Feb. 16, 1965 Signed: Paul Burchell

will plug the station

ZOLLER AND DANNEBERG

219 PATTERSON BUILDING
DENVER, COLORADO 80202

January 28, 1965

The State of Utah
Oil & Gas Conservation Commission
348 East South Temple - Suite 301
Salt Lake City, Utah

Attention: Mr. Cleon B. Feight

RE: Notice of Intention to Drill Well No.
Federal #1, 1980' FNL & 1980 FWL
C/SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 9-40S-22E
San Juan County, Utah

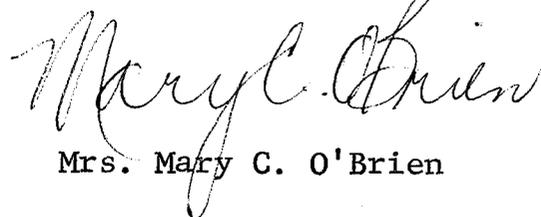
Gentlemen:

Reference is made to your letter of January 22, 1965 whereby you give approval to us to drill the above referenced well.

You mention is the last paragraph of your letter that you are enclosing Form OGCC-8-X which is to be completed of water sands are encountered while drilling. Instead of this particular form, we return herewith the forms that were inadvertently attached. We request that the above form be mailed to us so that we may comply with your request should aquifers be encountered.

Very truly yours,

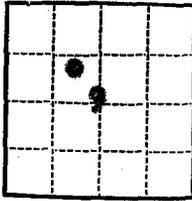
ZOLLER AND DANNEBERG


Mrs. Mary C. O'Brien

encls.

Corrected forms sent
2-2-65

Handwritten initials



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. Utah 0106565 A
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

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 RE-DRILLING 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	XX		

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

Zeller & Danneberg
No. 1 Federal

February 16, 19 **65**

Well No. **1** is located **1980** ft. from **N** line and **1980** ft. from **W** line of sec. **9**

6 SE NW Sec. 9 **T 40 S R 22 E** **31M**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4861** ft.

DETAILS OF WORK

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

The No. 1 Federal shall be plugged as follows:

- | | | | |
|----------------------|------|---------|----------------------------------|
| 1. 6000' up to 5800' | 200' | 60 size | Across Desert Creek Zone |
| 2. 4775' up to 4675' | 100' | 30 size | Across Hayman |
| 3. 1400' up to 1300' | 100' | 30 size | Across Chino |
| 4. 900' up to 800' | 100' | 30 size | Across Navajo |
| 5. 185' up to 135' | 50' | 40 size | In & Out of 13 3/8" Surf. Casg. |
| 6. 12' up to 0' | 12' | 10 size | In top of 13 3/8" w/Reg. Marker. |

Heavy mud to be placed between all plugs.

The location is to be cleaned up and restored to good condition.

Verbal approval granted 11:30 A.M. Feb. 16, 1965 by Mr. Jerry Long.

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

Company Zeller and Danneberg
Address 219 Fatterson Bldg.
Denver, Colorado

By Paul R. Buchler
Title Consulting Geologist

Handwritten initials
H. E. ZOLLER, JR.
K. I. DANNEBERG

Handwritten initials
PMP
He

ZOLLER AND DANNEBERG

219 PATTERSON BUILDING
DENVER, COLORADO 80202

February 22, 1965

State of Utah
Oil and Gas Conservation
Commission
348 East South Temple
Salt Lake City, Utah

Gentlemen:

We enclose herewith copies of our Notice of Intention to Abandon Well and Well Completion Report prepared on our #1 Federal Well located in the C/SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 9-40S-22E, San Juan County, Utah.

Very truly yours,

ZOLLER AND DANNEBERG

Secretary

encls.

Handwritten note
Wade
Page 1 - A check

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 0106565 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 9 T 40 S; R 22 E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR

Zoller & Danneberg

3. ADDRESS OF OPERATOR

219 Patterson Bldg., Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' S of N line & 1980' E of W line of Sec. 9

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

Jan. 26, '65 Feb. 16, '65 D & A 4862' K. B.

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

6033 Schlum → 0' to T. D. none

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

none No.

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

Schlumberger Gamma Ray - Sonic & Induction E. S. No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	43 #	167' K. B.	17 1/2	Set w/175 sxs 3/4 Gal	none

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Paul R. Buerler TITLE Consulting Geologist DATE Feb. 17, 1965

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Desert Creek	5973'	5982'	Dolo. F. xln.. tan, sugrosic, w/pla point por. light tan oil stain. Yell. fluor. (From 5958 to 5973)
			TEST No. 1 5928 to 6036
			Opened tool to purge formation 5 min. w/very weak blow. Took 30 min. Initial shut in. Tool open 1 1/2 hours with weak but steady blow (under 1/2 inch water). Took 30 min. final shut in.
Recovered:	100' drilling mud.		
IR 3243 #	ISI 1605 # IF 143 #		
IR 3228 #	ISI 994 # IF 163 #		Sta. Hole Temp. 130°

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Nevado Shale	854	
Shinarump	1370	
Moenkopi	2408	
Wicholly	2480	
Organ Rock	2780	
Hermosa	2858	
Upper Leany	4730	
Lower Leany	5674	
Paradox Shale	5782	
Desert Creek	5929	
Total Depth	5973	
	6038	

FEB 24 1965

Handwritten initials/signature

STATE OF UTAH
 OIL & GAS CONSERVATION COMMISSION
 348 EAST SOUTH TEMPLE
 SUITE 301
 SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Zoller & Danneberg No. 1 Federal
 Operator Zoller & Danneberg Address 219 Patterson Bldg. Denver, Colo Phone 222-1821
 Contractor Arapahoe Drlg. Co. Address Denver, Colo Phone 757-5431
 Location SE 1/4 NW 1/4 Sec. 9 T.40 N R. 22 E San Juan County, Utah

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	No fresh water sands were encountered in drilling the No. 1 Federal which was plugged and abandoned on February 16, 1965.		
2.			
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

Navajo	854'	DeChelly	2780'	Paradox shale	5829'
Chinle	1370'	Organ Rock	2858'	Desert Creek Zone	5878'
Shinarump	2408'	Hermosa	4730'	Total Depth	6038'
Moenkopi	2480'	Upper Ismay	5674'		
Remarks:		Lower Ismay	5782'		

- NOTE: (a) Upon diminishing supply of forms, please inform the Commission
 (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form)
 (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

March 3, 1965

Zoller and Danneberg
219 Patterson Building
Denver, Colorado 80202

Attention: Mr. Paul R. Buehler, Consulting Geologist

Re: Well No. Federal #1
Sec. 9, T. 40 S., R. 22 E.,
San Juan County, Utah

Gentlemen:

We are in receipt of your "Well Completion or Recompletion Report and Log", for the above mentioned well. However, upon checking, we find that the plugged and abandoned date was omitted. Also, it was noted that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible.

Thank you for your cooperation in furnishing us with this data.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER
RECORDS CLERK

kgw

Enclosure - Forms

H. E. ZOLLER, JR.
K. I. DANNEBERG

ZOLLER AND DANNEBERG

219 PATTERSON BUILDING
DENVER, COLORADO 80202

April 23, 1965

U. S. Geological Survey
Post Office Box 1809
Durango, Colorado 81302

Attention: Mr. Jerry W. Long - District Engineer

Gentlemen:

We enclose herewith an original and two copies of
Subsequent Report of Abandonment on the #1 Federal, SE $\frac{1}{2}$ NW $\frac{1}{4}$
Section 9-40S-22E, San Juan County, Utah.

We hope this will meet with the requirements.

Very truly yours,

K. I. Danneberg

/mob

encls.

cc: Oil and Gas Conservation Commission
348 East South Temple - Suite 301
Salt Lake City, Utah - w/encl.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

UTAH-0106565-A

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.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

12. COUNTY OR PARISH 13. STATE

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Zoller and Danneberg

3. ADDRESS OF OPERATOR

219

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

1980 feet from north line; 1980 feet from west line (C/SE $\frac{1}{2}$ NW $\frac{1}{2}$) Section 9-40S-22E, SLM

14. PERMIT NO.

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

4849 grd - 4862 KB

San Juan

Utah

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.)*

The No. 1 Federal was plugged as follows:

1. 6000' up to 5800' - 200' - 60 sxs - Across Desert Creek Zone
2. 4775' up to 4675' - 100' - 30 sxs - Across Hermosa
3. 1400' up to 1300' - 100' - 30 sxs - Across Chinle
4. 900' up to 800' - 100' - 30 sxs - Across Navajo
5. 185' up to 135' - 50' - 40 sxs - In and out of 13-3/8" surface casing
6. 12' up to 0' - 12' - 10 sxs - In top of 13-3/8" with regular marker

Heavy mud was placed between all plugs.

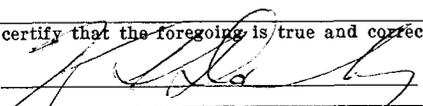
The location was cleaned up and reported to be in good condition.

Verbal approval was granted 11:30 a.m., February 16, 1965 by

Mr. Jerry Long.

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

SIGNED



TITLE

Partner

DATE

April 23, 1965

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: