

FILE NOTATIONS

Entered in NID File

Checked by Chief *[Signature]*

Entered On S R Sheet

Copy NID to Field Office

Location Map Pinned

Approval Letter

Card Indexed

Disapproval Letter

IWR for State or Fee Land

COMPLETION DATA:

Date Well Completed *5-14-61*

Location Inspected *[Signature]*

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.

State of Fee Land

LOGS FILED

Driller's Log *5-31-61*

Electric Logs (No.) *2*

E..... I..... E-I..... GR..... GR-N..... Micro.

Lat..... Mi-L..... Sonic. Others.....

*JLC
9-17-91*

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

ZOLLER AND DANNEBERG
324 PATTERSON BUILDING
DENVER 2, COLORADO

April 14, 1961

Utah Oil and Gas Conservation
310 New House Building
Salt Lake City, Utah

Attention: Mr. Freight

Gentlemen:

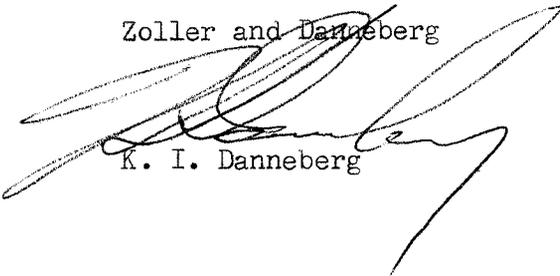
Enclosed please find two copies of our Notice of Intention to Drill a Desert Creek Test in the NE SE Section 12-43S-24E, San Juan County, Utah.

The actual footage of the location will be that stated on the notice.

We shall greatly appreciate your prompt reply to move on said location.

Yours very truly,

Zoller and Danneberg



K. I. Danneberg

KID/jt
Enclosures

(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. _____

	12	
		0

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	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 REDRILL 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)

April 13, 1961

Well No. 1 is located 1,850 ft. from N line and 600 ft. from E line of sec. 12

NE/1 SE/1 12
(1/4 Sec. and Sec. No.) 13S-24E S.L.M.
(Twp.) (Range) (Meridian)

Anedo Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5171 ft.

5169 Grd.

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)

5750' Desert Creek Test

200' 9 5/8" csg. with 150 sx cement.

Intermediate string of csg. if water flow encountered.

Oil base chemical mud will be used.

All commercial shows of oil or gas will be drill stem tested.

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

Company Zoller and Danneberg

Address 324 Patterson Building

Denver, Colorado

By [Signature]
K. I. Danneberg
Title Partner

COMPANY HUMBLE OIL & REFINING COMPANY, - CARTER DIVISION

Well Name & No. NAVAJO TRACT 110, Well # 2

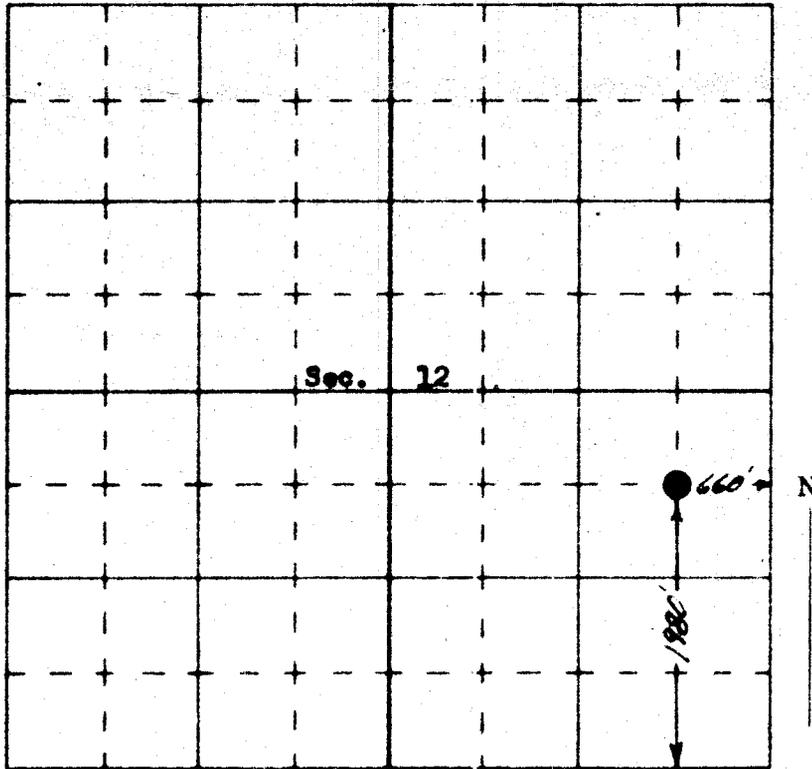
Lease No.

Location 1980' FROM THE SOUTH LINE & 660' FROM THE EAST LINE

Being in center NE SE

Sec. 12, T 43 S, R 24 E, S.L.M., San Juan County, Utah

Ground Elevation 5169' ungraded ground



Scale — 4 inches equals 1 mile

Surveyed 11 January

19 61

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Registered Land Surveyor.
James P. Leese
Utah Reg. No. 1472

SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO

April 17, 1951

Zoller and Danneberg
324 Patterson Building
Denver, Colorado

Attn: K. I. Danneberg, Partner

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo #1, which is to be located 1850 feet from the south line and 600 feet from the east line of Section 12, Township 43 South, Range 24 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted. However, will you please send the Lease Number for this well as it was not included on your Notice of Intention to Drill.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

GLEON B. FEIGHT,
EXECUTIVE SECRETARY

CBF:avg

cc: P. T. McGrath, Dist. Eng,
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

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

ZOLLER AND DANNEBERG

324 PATTERSON BUILDING

DENVER 2, COLORADO

April 18, 1961

The State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Re: Your letter of 4/17/61

Attention: C. B. Feight

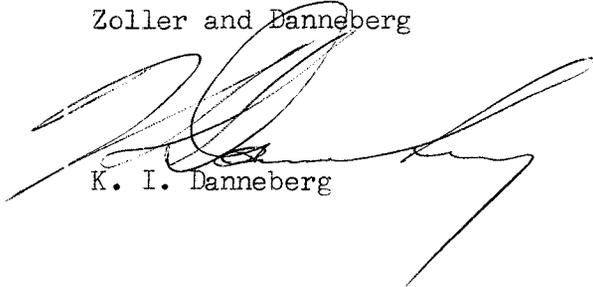
Gentlemen:

In regards to your letter of April 17th acknowledging receipt of our intention to drill Well No. Navajo #1; this is to advise that the Lease Number for this well is Navajo #110-1.

Your cooperation in this matter has been greatly appreciated.

Yours very truly,

Zoller and Danneberg


K. I. Danneberg

KID/jt

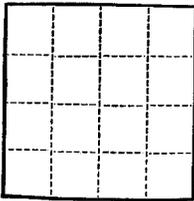
(SUBMIT IN TRIPLICATE)

Land Office _____

Lease No. 14-20-603-262

Unit Navajo Tribal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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.....	X		

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

_____ May 19 _____, 1961

Well No. 110-1 is located 1850 ft. from S line and 600 ft. from E line of sec. 12

NE 1/4 Sec. 12 (1/4 Sec. and Sec. No.) 43S (Twp.) 24E (Range) Sixth (Meridian)

White Mesa Anido Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5178 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)

Well was spud 4/27/61; drilled 265' of 11 1/2" hole, reduced to 7-7/8" drilled to 715', no water flow encountered; set 8 jts. of 8-5/8" surface casing at 246', cemented with 175 sacks cement. Well was drilled to total depth of 5670'. No oil or gas bearing formations encountered.

We propose to plug and abandon as follows:

- Plug No. 1 5375' to 5670' with 100 sacks cement
- Plug No. 2 2800' to 2900' with 35 sacks cement
- Plug No. 3 200' to 400' with 68 sacks cement
- Plug No. 4 0' to 50' with 17 sacks cement

Dry hole plug and well marker will be welded in top of surface.

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

Company ZOLLER & DANNEBERG

Address 324 Patterson Building
Denver, Colorado

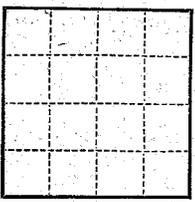
By [Signature]
Title Partner

Copy to HC

Copy to HC

Budget Bureau No. 42-R350.4
Approval expires 12-31-60.

Form 9-331b
(April 1952)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency

Navajo Tribal

Allottee TRIBAL

Lease No. 19-20-603-262

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SU3SEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SU3SEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SU3SEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SU3SEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SU3SEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SU3PLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

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

May 19, 1961

Well No. 110-1 is located 1850 ft. from S line and 600 ft. from E line of sec. 12

NE 1/4 SE 1/4 Sec. 12 43S 24E Sixth
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

White Mesa Anido Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5178 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)

Well was plugged as dry and abandoned, after approval by State Plunger, in the following manner:

- Plug No. 1 5375' to 5670' with 100 sacks cement
- Plug No. 2 2800' to 2900' with 35 sacks cement
- Plug No. 3 200' to 400' with 68 sacks cement
- Plug No. 4 0' to 50' with 17 sacks cement

Dry hole plug and well marker welded in top of surface.

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

Company ZOLLER & DANNEBERG

Address 324 Patterson Building
Denver, Colorado

By [Signature]
Title Partner

any
one

SP-28

Form 9-53)

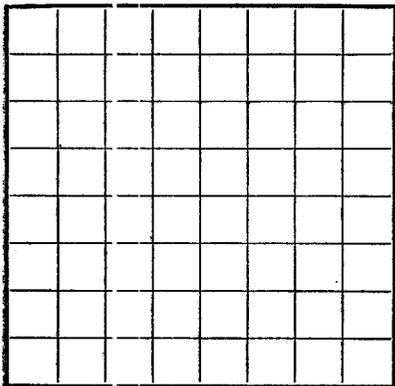
U. S. LAND OFFICE _____
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____

14-20-603-262

TRIBAL

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Zoller and Danneberg Address 324 Patterson Bldg.

Lessor or Tract Navajo Tract #110 Field Anido Creek State Utah

Well No. 1 Sec. 12 T. 43S R. 24E Meridian 6th County San Juan

Location 1850 ft. [N.] of S. Line and 600 ft. [E.] of E. Line of Section 12 Elevation 5161 DF
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature] Title [Signature]

Date May 24, 1961

The summary on this page is for the condition of the well at above date.

Commenced drilling April 27, 1961 Finished drilling May 11, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	24.6	175			Oil emulsion	38-44			316 sacks

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	246'	175	Oil emulsion	38-44	316 sacks

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

FOLD MARK

8 5/8	246'	175	Oil emulsion	30-44	310 sacks
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PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from surface _____ feet to 5672 _____ feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

P + Flow 5-14, 1961 Put to producing _____, 19____
 The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
 emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		320'	Navajo
		670	Kayenta
		756	Wingate
		1306	Chinle
		2565	De Chelly
		2848	Organ Rock
		4430	Hermosa
		5275	A-2 Shale
		5318	A-2 Carbonate
		5466	Paradox Shale
		5495	Desert
		5646	C Shale
		5672	TD

FORMATION RECORD—Continued

MAY 31 1961

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

ZOLLER AND DANNEBERG

324 PATTERSON BUILDING
DENVER 2, COLORADO

May 24, 1961

The State of Utah
Oil and Gas Conservation Commission
Room 310 Newhouse Building
Salt Lake City, Utah

Gentlemen:

Enclosed please find three copies each of Sundry Notice and Reports on Wells, Intention to Abandon and Report of Abandonment.

In addition, we enclose copies of all electric logs run on this well.

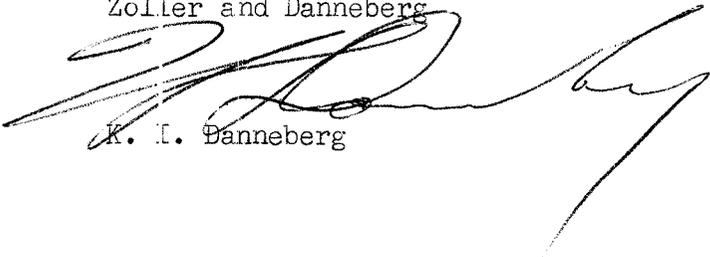
Will you please forward to us any set of written instructions you have on the various procedures and forms which we are supposed to fill out in conjunction with our operations in this area.

Since we are relatively new on operations in this area we hope our procedures ~~are~~ met with your approval.

have

Yours very truly,

Zoller and Danneberg


K. I. Danneberg

KID/jt
Enclosures

ZOLLER AND DANNEBERG

324 PATTERSON BUILDING
DENVER 2, COLORADO

May 29, 1961

The State of Utah
Oil and Gas Conservation Commission
Room 310 Newhouse Building
Salt Lake City, Utah

Gentlemen:

Re: Navajo Tract #110
Section 12-43S-24E
San Juan County, Utah

Please find enclosed two copies of a Log of Oil
or Gas Well on the above referenced well.

Yours very truly,

Zoller and Danneberg

K. I. Danneberg
by jt.
K. I. Danneberg

KID/jt
Enclosures

May 31, 1961

Zoller and Danneberg
324 Patterson Building
Denver 2, Colorado

Attn: K. I. Danneberg, Partner

Re: Well No. Navajo Tract #110-1,
Sec. 12, T. 43 S., R. 24 E.,
San Juan County, Utah

Gentlemen:

We would like to thank you for the reports you have already submitted for the above mentioned well and to inform you that these are the only reports we require. However, you did not include the specific date said well was plugged and abandoned either on your Subsequent Report of Abandonment or the Log of Oil or Gas Well.

It would be very much appreciated if you would send this information as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANN W. GLINES,
RECORDS CLERK

AWG

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

1-3

ZOLLER AND DANNEBERG
324 PATTERSON BUILDING
DENVER 2, COLORADO

June 1, 1961

Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City, Utah

Attention: Ann W. Glines,
Records Clerk

Re: Well No. Navajo Tract #110-1
Section 12-43S-24E
San Juan County, Utah

Gentlemen:

In regards to your letter of May 31, 1961 requesting
the plugging and abandoning date of the above
referenced well; this letter is to inform you that
the date was May 14, 1961.

Your cooperation in this matter has been very
helpful for us.

Thank you again.

Yours very truly,
Zoller and Danneberg
K. I. Danneberg
by jt.
K. I. Danneberg

KID/jt

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