

A copy of the well Log was sent to Mr. Mays in the State Engineer's office
on 3-17-61. avg

FILE NOTATIONS

Entered in NID File

Checked by Chief

RLL

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 10-25-60

Location Inspected

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

Bond released

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

State of Fee Land

LOGS FILED

Driller's Log 3-13-61

Electric Logs (No.) no Electric Logs seen on this well.

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

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

DAVIS OIL COMPANY

OIL
PRODUCERS

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • ALPINE 5-4661

NEW YORK, NEW YORK

DENVER, COLORADO

SALT LAKE CITY, UTAH

CASPER, WYOMING

ALBUQUERQUE, NEW MEXICO

October 6, 1960

Re: Navajo D-1
NW NW Sec. 28-42S-26E
San Juan Co., Utah

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

Attention: Mr. Cleon Feight

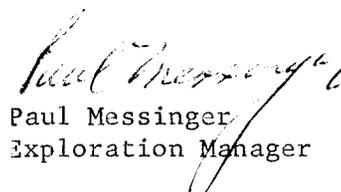
Dear Sir:

Enclosed please find a copy of our Notice of Intention to Drill which is being filed with the U. S. G. S. in Farmington, New Mexico. We are also attaching a copy of the staking plat.

Inasmuch as we are desirous of drilling this well almost immediately, your early attention to approval of this Notice will be greatly appreciated.

Yours very truly,

DAVIS OIL COMPANY


Paul Messinger
Exploration Manager

PM:ljp
Encls.

Window Lock

(SUBMIT IN TRIPLICATE)

Indian Agency _____

•		
	28	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee **14-20-603-213**

Lease No. _____

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 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)

October 5, 1960

Navajo D-1
Well No. / _____ is located ⁵⁹⁰ ft. from ^[N] line and ⁷⁶⁰ ft. from ^[E] line of sec. ²⁸
~~XXXXXX~~
NW/4 NW/4 Sec. 28 **42S** **26E** **S. L. M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~XXXXXXXXXX~~ **ungraded ground** above sea level is **4796.6** 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)

- To set approximately 300' of 10-3/4" surface pipe with approximately 250 sacks cement.
- In the event of water flow, an intermediate string will be set.
- To test the top of the Paradox Salt formation at approximately 6200'.
- In the event of commercial production, 5 1/2" OD csg will be set through the production zone and cemented with approximately 125 sacks cement.

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

Company **DAVIS OIL COMPANY**

Address **1020 Midland Savings Bldg.**
Denver 2, Colorado

By *Paul Messinger*
Paul Messinger
Title **Exploration Manager**

October 10, 1960

Davis Oil Company
1020 Midland Savings Bldg.
Denver 2, Colorado

Attention: Paul Messinger, Exploration Manager

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo D-1, which is to be located 590 feet from the north line and 760 feet from the west line of Section 28, Township 42 South, Range 26 East, 31N4, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

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

LEON B. FREIGHT,
EXECUTIVE SECRETARY

CBF:awg

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

H. L. Coonts - OGCC, Moab

DAVIS OIL COMPANY

OIL
PRODUCERS

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • Alpine 5-4661

NEW YORK, NEW YORK

DENVER, COLORADO

SALT LAKE CITY, UTAH

CASPER, WYOMING

ALBUQUERQUE, NEW MEXICO

October 20, 1960

RE: Navajo D-1
NW/4NW/4 Section 28-42S-26E
San Juan County, Utah

C

Mr. P. T. McGrath
U. S. Geological Survey
P. O. Box 965
Farmington, New Mexico

O

Dear Sir:

Enclosed please find an original and two (2) copies of the Sundry Notices and Reports on Wells, "Supplementary Well History" for the above captioned well.

P

By carbon copy of this letter, we are forwarding one copy of this report to Mr. Feight, State of Utah Oil and Gas Conservation Commission.

Very truly yours,

DAVIS OIL COMPANY

Paul Messinger
Paul Messinger
Exploration Manager

Y

vf
Encls.

cc: Utah Oil and Gas
Conservation Commission

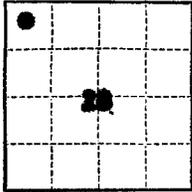
(SUBMIT IN TRIPPLICATE)

Indian Agency **Window Rock**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. **14-20-603-213**



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 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	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL			

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

October 20, 1960

Well No. **Navajo D-1** is located **390** ft. from **N** line and **760** ft. from **W** line of sec. **21**

N1/4 N1/4 Sec. 28 (1/4 Sec. and Sec. No.) **42E** (Twp.) **26E** (Range) **S.L.M.** (Meridian)
Wildcat (Field) **San Juan** (County or Subdivision) **Utah** (State or Territory)

The elevation of the ~~surface~~ **ungraded ground** above sea level is **4796.6** 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)

Spudded 9:00 PM 10-12-60

Set 277', 13-3/8" at 292' KB with 250 exs.

Also, Intermediate string 8-5/8" at 1417' KB with 650 exs.

Drilling at 1800'.

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

Company **DAVIS OIL COMPANY**

Address **1020 Midland Savings Bldg.**

Denver 2, Colorado

By **Paul Messinger**

Title **Exploration Manager**

DAVIS OIL COMPANY

OIL
PRODUCERS

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • Alpine 5-4661

NEW YORK, NEW YORK
DENVER, COLORADO
SALT LAKE CITY, UTAH
CASPER, WYOMING
ALBUQUERQUE, NEW MEXICO

November 2, 1960

Re: Navajo D-1
Navajo D-1-X
San Juan Co., Utah

C

AIR MAIL

Mr. P. T. McGrath
U. S. Geological Survey
P. O. Box 965
Farmington, New Mexico

O

Dear Mr. McGrath:

As per our telephone conversation of this date, enclosed please find an original and two copies of the following reports:

- 1) Supplementary Well History on Navajo D-1
- 2) Notice of Intention to Drill on Navajo D-1-X
- 3) Supplementary Well History on Navajo D-1-X

P

By a carbon copy of this letter, we are forwarding Mr. Cleon Feight of the Utah Oil and Gas Conservation Commission copies of the above.

We thank you for your cooperation in this matter.

Yours very truly,

DAVIS OIL COMPANY

Paul Messinger
Paul Messinger
Exploration Manager

Y

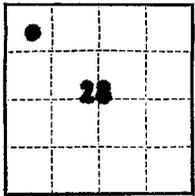
PM:ljp
Encls.

CC: Mr. Cleon Feight
Utah Oil & Gas Conservation Commission
310 Newhouse Bldg.
Salt Lake City, Utah

AWK

(SUBMIT IN TRIPLICATE)

Indian Agency **Window Rock**



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. **14820-003-213**

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	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	XXXX
NOTICE OF INTENTION TO ABANDON WELL			

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

November 2, _____, **1960**

Well No. **Navajo D-1s** located **590** ft. from ^(N)~~(S)~~ line and **760** ft. from ^(W)~~(E)~~ line of sec. **28**

NW/4 NW/4 Sec. 28 **42S** **26E** **T1N S.L.M.**
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ^{ungraded ground}~~drill floor~~ above sea level is **4796.4** 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)

10-21-60

8-5/8" erf csg parted. Will skid rig 38' south and drill new hole to be called Navajo D-1-X. Present hole to be used as water well for the drilling of the new hole.

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

Company **DAVIS OIL COMPANY**

Address **1020 Midland Savings Bldg.
Denver 2, Colorado**

By *Paul Messinger*
Paul Messinger
Title **Exploration Manager**

February 15, 1961

Davis Oil Company
1020 Midland Savings Bldg.
Denver 2, Colorado

Attn: Paul Messinger, Exploration Manager

Re: Well No. Navajo D-1, Sec. 28,
T. 42 S., R. 26 E., San Juan
County, Utah

Gentlemen:

This letter is to advise you that the well log for the above mentioned well is due and has not as yet been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGCC-3, "Log of Oil or Gas Well", in duplicate and forward it to this office as soon as possible.

Copies of all electric and radioactivity logs that may have been run should also be filed with this office.

Very truly yours,

Oil & Gas Conservation Commission

ANN W. GLINES,
RECORDS CLERK

AWG
Enclosures - 3

Refuse is not to be let of — —

Concern repts 40 Nov — — + m —

Wls. 0 papers. 4 want one set of Feb —

as to denton o T D + owl D-1 + date of
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DAVIS OIL COMPANY

OIL
PRODUCERS

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • Alpine 5-4661

NEW YORK, NEW YORK

DENVER, COLORADO

SALT LAKE CITY, UTAH

CASPER, WYOMING

ALBUQUERQUE, NEW MEXICO

February 16, 1961

Re: Navajo D-1
Navajo D-1-X
San Juan Co., Utah

The State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Attention: Miss Ann W. Glines
Records Clerk

Please refer to our letter of November 2, 1960, wherein we filed Sundry Notices explaining the above captioned, copies of these Sundry Notices being furnished the Oil & Gas Conservation Commission at that time. We are enclosing herewith, copies of said Sundry Notices for your ready reference.

Under date of January 4, 1961, we filed with the U. S. G. S. in Farmington, copies of the Notice of Intention to Abandon, Log of Oil or Gas Well and Geological Report covering the Navajo D-1-X, and copies of these forms were furnished the Oil & Gas Conservation Commission at that time.

On December 15, 1960, Schlumberger Well Surveying Corporation forwarded their distribution sheet, indicating that one print of each log run on this Navajo D-1-X, i. e. I-ES, GRN, ML, was sent to your office directly.

Inasmuch as the initial hole, the Navajo D-1, is a water well, no logs are necessary.

We trust we have given you the complete story on this matter and if there are any further questions, please contact us.

Yours very truly,

DAVIS OIL COMPANY

Paul Messinger
Paul Messinger
Exploration Manager

PM:ljp
Encls.

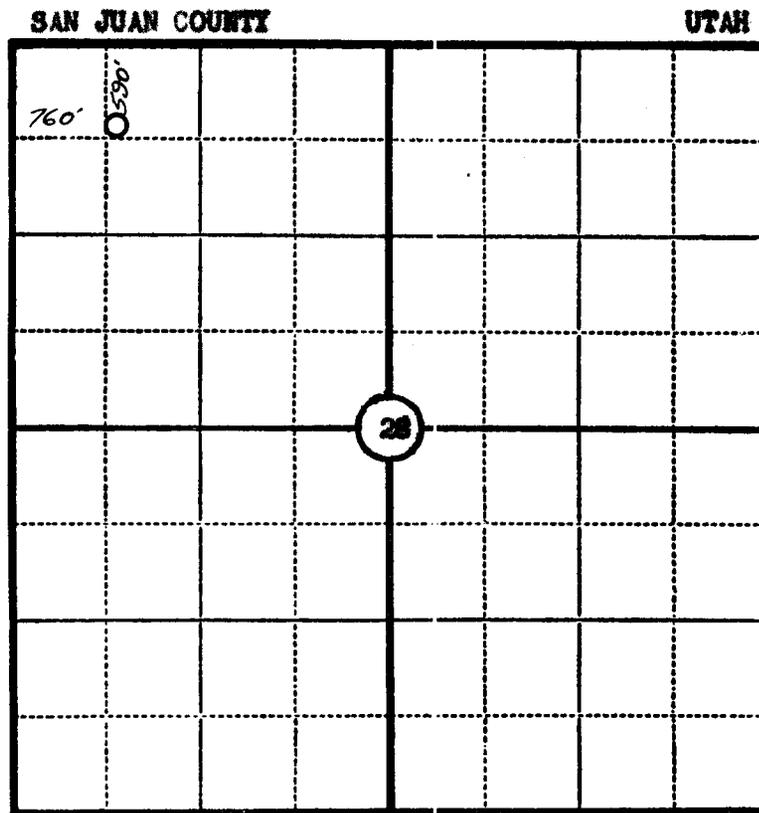
Company **DAVIS OIL COMPANY**

Lease Well No.....

Sec. **28**, T. **42 S.**, R. **26 E.**, S. L. M.

Location **590' FROM THE NORTH LINE AND 760' FROM THE WEST LINE.**

Elevation **4796.6 UNGRADED GROUND.**



Scale—4 inches equal 1 mile.

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.

Seal:

James P. Leese
.....
Registered Land Surveyor.

James P. Leese
Utah Reg. No. 1472

Surveyed **16 September**, 19 **60**

February 24, 1961

Davis Oil Company
1020 Midland Savings Bldg.
Denver 2, Colorado

Attn: Paul Messinger, Exploration Manager

Re: Well No. Navajo D-1, Sec. 28,
T. 42 S., R. 26 E., San Juan
County, Utah

Gentlemen:

Regarding your letter of February 16, 1961, we are sorry you went to so much trouble to furnish us copies of information on your Well Navajo D-1-X and the Sundry Report on Well Navajo D-1 which we already had; however, you must have misunderstood our letter of February 15, 1961.

If you will refer back to our letter of said date, we requested a driller's log and electric logs, if they were run, only on the above specified well. According to our Rules and Regulations whether or not a well is converted to a water well does not change the requirement of a well log (driller's log) being filed with this office; either a legible copy of the United States Geological Survey Form 9-330 or our Form OGCC-3.

We regret the misunderstanding and will appreciate your consideration in this regard.

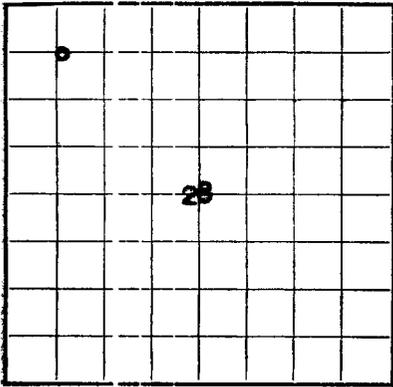
Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANN W. GLINES,
RECORDS CLERK

AWG

U. S. LAND OFFICE Window Rock
 SERIAL NUMBER 1420603-213
 LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Davis Oil Company Address 1020 Midland Savings Bldg., Denver, Col

Lessor or Tract Navajo D-1 Field Wildcat State Utah

Well No. 11-16 Sec. 28 T. 42S R. 26E Meridian County San Juan

Location 590 ft. of N. Line and 760 ft. of W. Line of Sec. 28 Elevation 4806

The information given here with this 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 Paul R. Probler Paul R. Probler

Date March 8, 1961 Title Consulting Geologist

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

Commenced drilling October 12, 1960 Finished drilling October 24, 1960

OIL OR GAS SANDS OR ZONES

No. 1, from 0 to 10 ft. No. 2, from 10 to 20 ft.
 No. 3, from 20 to 30 ft. No. 4, from 30 to 40 ft.
 No. 5, from 40 to 50 ft. No. 6, from 50 to 60 ft.

IMPORTANT WATER SANDS

No. 1, from 2863 to 1440 ft. No. 2, from 1440 to 1400 ft.
 No. 3, from 1400 to 1300 ft. No. 4, from 1300 to 1200 ft.

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	24.2	2 1/2	AMCO	250	API	0 to 1400			Csg.
8 5/8	14.0	2 1/2	AMCO	650	API	1400 to 1440			Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	242'	250	dry		
8 5/8	1403'	650	dry		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

FOLD MARK

FOLD MARK

13 3/8	292'	25(1) x 28			
8 5/8	1403'	65(1) x 28			

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 0 feet to 1880+ T.D. feet, and from _____ feet to _____ feet
 Cable tools were used from none feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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

The Tiger Drilling Company _____, Driller _____, Driller
 1810 First National Bank Bldg., Driller _____, Driller
 Denver, Colorado _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	190	190	Morrison & Bluff SS
190	863	673	San Rafael Group - Summerville Entrada Carnel
863	1440	577	Glen Canyon Group - Navajo Kayenta Wingate
1440	1880 T.D.	440	Chinle

Note: Lost the hole at 1880' and skidded the rig 50' East to the Navajo D-1-X.
 No logs were run on the D-1 therefore formation tops are approximate.

Handwritten mark

Handwritten mark

DATE OF RECORD		WELL NO.		LOCALITY	
1960		D-1		NAVAJO	
TIME OF RECORD		DEPTH OF WELL		DIAMETER OF WELL	
1960		300'		12 1/2"	
NAME OF OPERATOR		NAME OF CONTRACTOR		NAME OF ENGINEER	
NAVAJO		NAVAJO		NAVAJO	

MIDDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

16-48004-2 U. S. GOVERNMENT PRINTING OFFICE

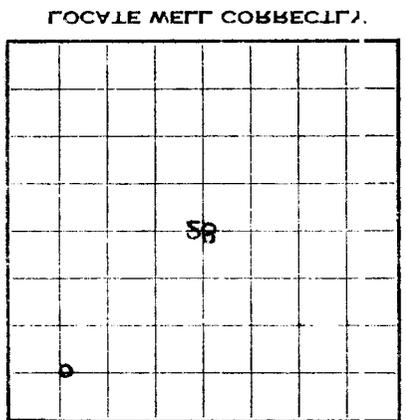
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "skidded" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DATE	DEPTH	DIAMETER	MARK	REMARKS	DRILLING TIME	W.C. TIME	REMARKS
------	-------	----------	------	---------	---------------	-----------	---------

The Navajo D-1 was spudded on October 12, 1960. On this date the rat hole and 42' of 12 1/2" surface hole were drilled. On Oct. 13 the surface hole was drilled from 42' to 300'. Then the 12 1/2" hole was reamed to 17" hole from 0' to 300'. On Oct. 14 13 3/8" surface pipe was set at 292' with 250 sxs. On Oct. 15 12 1/2" hole was drilled from 300' to 830'. On Oct. 16 the 12 1/2" hole was drilled from 830' to 1420'. On Oct. 17 8 5/8" casing was set at 7403' with 650 sxs. Plug down at 3745 A.M. W.O.C. until 10:50 P.M. Oct. 18. At 10:50 P.M. on Oct. 18 drilling of 7 7/8" hole was begun from 1420' to 1474'. On Oct. 19 the 7 7/8" hole was drilled from 1474' to 1760' where the 8 5/8" surface casing parted. Continued drilling to 1880'. On Oct. 20 pulled 1100' of 8 5/8" out of hole and ran same back in hole to attempt to screw into fish. Oct. 21 pulled and ran back the 8 5/8" attempting to screw into fish. Oct. 22 was spent milling and fishing for 8 5/8". Oct. 23 fishing and milling. Oct. 24 ran 7 7/8" bit in hole and could not get inside of fish. By passed fish on outside. Oct. 24 prepared to skid. Oct. 25 skidded pipe 50' east to new location Navajo D-1.

No logs were run, no cores cut or tests taken on the Navajo D-1. For further details see reports on the Navajo D-1 which was drilled in the same formation. The Navajo D-1 was used as a water well during the drilling of the Navajo D-1. According to instructions from the U.S.G.S. - Farmington, N.M. the D-1 well was not plugged but instead a bull plug was installed in the 13 3/8" to enable the water to be produced in the future.

PERSON IN CHARGE: NAME: ADDRESS: PHONE: STATE: COUNTY: ZIP CODE:



LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

TYPE OF REPORT TO BUREAU
SERIAL NUMBER
U.S. LAND OFFICE

DAVIS OIL COMPANY

OIL
PRODUCERS

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • Alpine 5-4661

NEW YORK, NEW YORK

DENVER, COLORADO

SALT LAKE CITY, UTAH

CASPER, WYOMING

ALBUQUERQUE, NEW MEXICO

March 10, 1961

Re: Navajo D-1
San Juan Co., Utah

Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Attention: Ann W. Glines

Gentlemen:

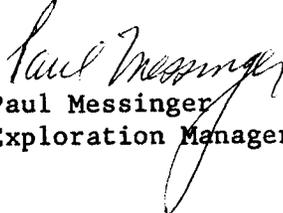
With reference to your letter of February 24, 1961, enclosed please find three copies of the Log of Oil or Gas Well in connection with the captioned.

We trust this will be the necessary information needed for your files.

Thank you for your cooperation in this matter.

Yours very truly,

DAVIS OIL COMPANY


Paul Messinger
Exploration Manager

PM:LJP
Encls.

CC: Mr. P. T. McGrath -w/two copies
U. S. Geological Survey