

FILE NOTATIONS

Entered in NID File

Entered on S R Sheet \_\_\_\_\_

Location Map Pinned USF

Card Indexed

IWR for State or Fee Land \_\_\_\_\_

Checked by Chief PMB

Copy NID to Field Office

Approval Letter

Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed 9-4-62

OW \_\_\_\_\_

WW \_\_\_\_\_

TA \_\_\_\_\_

GW \_\_\_\_\_

OS \_\_\_\_\_

PA

Location Inspected \_\_\_\_\_

Bond released \_\_\_\_\_

State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 9-12-62

Electric Logs (No. ) 3

E \_\_\_\_\_

I \_\_\_\_\_

E-I

GR \_\_\_\_\_

GR-N \_\_\_\_\_

Lat \_\_\_\_\_

Mi-L \_\_\_\_\_

Sonic

Others \_\_\_\_\_

11-1-91  
JR

# 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

July 12th, 1962

C

Mr. P. T. McGrath  
U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico

RE: DAVIS OIL - #1 NAVAJO DAVIS  
C NE NE, Sec. 4-43S-26E  
San Juan County, Utah

O

Dear Mr. McGrath:

Enclosed herewith please find the original and four copies of our Notice of Intention to Drill together with five copies of the certified staking plat and the original and two copies of the Designation of Operator from Continental Oil Company to Davis Oil Company.

P

It is our understanding that Mr. James P. Lease of the San Juan Engineering Co., has properly filed the necessary survey plats with your office.

By carbon copy of this letter we are furnishing the Oil and Gas Conservation Commission of Utah two copies each of the Notice of Intention to Drill and Staking Plat.

Y

We shall appreciate your early attention to approval of this Intention as we are scheduled for drilling in the very near future.

Yours very truly,

DAVIS OIL COMPANY

*Paul Messinger*  
Paul Messinger  
Exploration Manager

PM:pme  
encls.

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

CC: Contr

(SUBMIT IN TRIPLICATE)

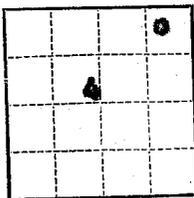
Indian Agency NAVAJO  
Window Rock, Arizona

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee .....

Lease No. ....

Contract No. 14-20-603-406



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)

July 11th, 1962

1 NAVAJO DAVIS  
Well No. \_\_\_\_\_ is located 660' ft. from N line and 660' ft. from E line of sec. 4  
C NE NE, Sec. 4      43 South, 26 East      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 ~~surface~~ ground level above sea level is 4846.0 ft., Ground Level, ungraded.

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 250' feet of 8-5/8" surface casing cement to surface, unless serious water flow is encountered, in which case we will set 10-3/4" casing, and run an intermediate string of casing.
- To test the top of the Paradox Salt formation expected to be encountered at approximately 6100 feet.
- Rotary Hole below the shoe of surface casing will be 7-7/8".
- Good oil field practice will be utilized in determining the necessity or desirability of coring or drill stem testing any shows of oil or gas encountered.
- A Induction Electrical Survey will be run from surface to total depth, and a Microlog and/or Gamma Ray Sonic log will be run on selected zones.
- In the event of commercial production, a 9 1/2" casing will be set through the oil and/or gas zones and cemented with 150 sacks cement which will displace the cement approximately 1000' behind the pipe.

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  
1025 Midland Savings Building  
Address Denver 2, Colorado

By Paul Messinger  
Paul Messinger,  
Title Exploration Manager

Cons

COMPANY **DAVIS OIL COMPANY**

Well Name & No. \_\_\_\_\_

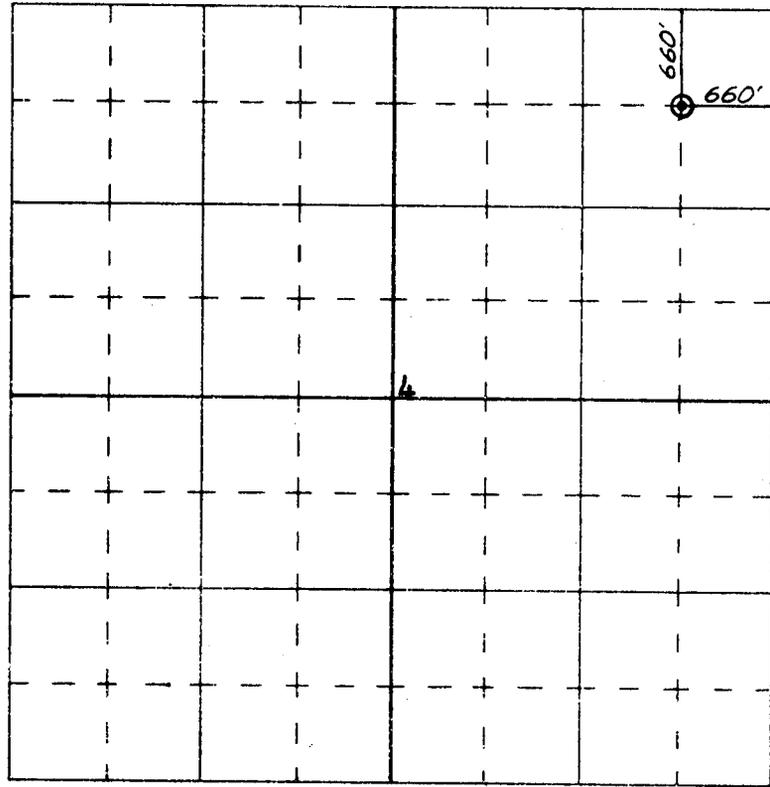
Lease No. \_\_\_\_\_

Location **660' FROM THE NORTH LINE AND 660' FROM THE EAST LINE.**

Being in **C NE $\frac{1}{4}$  NE $\frac{1}{4}$**

Sec. **4**, T**43S.**, R **26E**, S.L.M. **SAN JUAN COUNTY, UTAH**

Ground Elevation **4846.0 UNGRADED.**



Scale — 4 inches equals 1 mile

Surveyed **6 July**, 19 **62**

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.

*James P. Leese*  
Registered Land Surveyor.

**James P. Leese**  
Utah Reg. No. 1472



SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO

July 13, 1962

Davis Oil Company  
1020 Midland Savings Building  
Denver 2, Colorado

Attention: Paul Messinger, Exploration Manager

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. 1 Navajo Davis, which is to be located 660 feet from the north line and 660 feet from the east line of Section 4, Township 43 South, Range 26 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, this approval is conditional upon a Designation of Agent being filed with this Commission in accordance with Rule A-4, General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

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

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:cn

cc: P. T. McGrath, Dist. Eng.  
USGS - Farmington, New Mexico

H. L. Coonts, Petroleum Eng.  
OGCC - Moab, Utah

**FILE IN DUPLICATE**

OIL & GAS CONSERVATION COMMISSION  
OF THE STATE OF UTAH

DESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations, and Rules of Practice and Procedure of the Oil and Gas Conservation Commission of the State of Utah, hereby appoint, LUTHER EGGERTSON, whose address is 702 Walker Building, Salt Lake City Utah (his, her or its) designated agent to accept and to be served with notices from said Commission, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation agent is filed in accordance with said statute and said regulations.

Effective Date of Designation July 15th, 1962

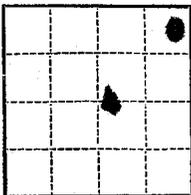
Company DAVIS OIL COMPANY Address 1020 Midland Savings Building  
Denver 2, Colorado

By  Title General Partner  
(Signature)  
Marvin Davis, General Partner

NOTE: Agent must be a resident of Utah.

Copy H. R. C.  
(SUBMIT IN TRIPLICATE)

Indian Agency Window Rock



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-609-406

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	<input checked="" type="checkbox"/>		

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

Davis Oil Company  
No. 1 Navajo - Davis

September 3, 19 62

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 4

NE 1/4 Sec. 4  
(1/4 Sec. and Sec. No.)

T 43 S  
(Twp.)

R 26 E  
(Range)

(Meridian)

Wilcox

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 4955 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 Navajo - Davis is to be plugged and abandoned as follows:  
\*PLUGGING PROCEDURE\*

- |                      |      |        |                            |
|----------------------|------|--------|----------------------------|
| 1. 5790' up to 5550' | 240' | 74 sms | across Paradox             |
| 2. 4950' up to 4850' | 100' | 30 sms | across Hermosa             |
| 3. 3100' up to 3000' | 100' | 30 sms | across LeShelly            |
| 4. 1560' up to 1400' | 160' | 60 sms | base 8 5/8 below cong. cut |
| 5. 800' up to 700'   | 100' | 60 sms | across Navajo in 11" hole  |
| 6. 20' up to 0'      | 20'  | 17 sms | top of 1 3/8" w/marker     |

A marker is to be erected and the location cleaned up and restored to good condition.

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, Colorado

By Paul A. Bushler  
Title Consulting Geologist

DAVIS OIL COMPANY

OIL PRODUCERS

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

September 4, 1962

Re: #1 Navajo Davis  
C NE NE Sec. 4-43S-26E  
San Juan County, Utah

C

Mr. P. T. McGrath  
U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico

O

Dear Sir:

Enclosed herewith please find, for your approval, original and two  
copies of our Supplementary Well History in connection with the  
above captioned well.

P

Yours very truly,

DAVIS OIL COMPANY

ORIGINAL SIGNED  
BY E. L. KARN, JR.

E. L. Karn, Jr.  
Production Manager

Y

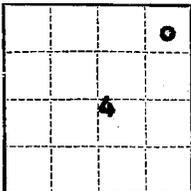
ELK/jt  
Encls.

cc: Utah Oil & Gas Conservation Comm.  
310 Newhouse Building  
Salt Lake City 11, Utah

Copy H.L.C.

(SUBMIT IN TRIPLICATE)

Indian Agency NAVAJO  
Window Rock, Arizona  
 Allottee \_\_\_\_\_  
 Lease No. \_\_\_\_\_



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	
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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	XX
NOTICE OF INTENTION TO ABANDON WELL		

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

September 4, 19 62

#1 NAVAJO DAVIS

Well No. / \_\_\_\_\_ is located 660 ft. from N line and 660 ft. from E line of sec. 4

C NE NE, Section 4      43 South      26 East      SLM  
(¼ Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

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

The elevation ~~of the casing flow~~ above sea level is 4846.0 ft, **ground level, ungraded.**

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)

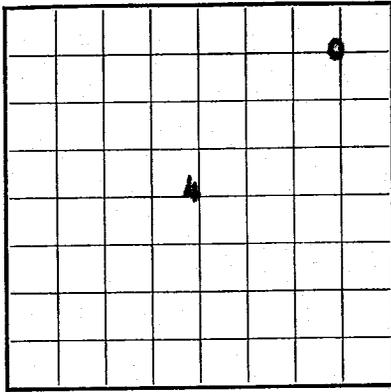
1. Spudded on August 12, 1962.
2. Drilled 141' in 12 1/4" hole, deviation 1/2° at 121'. Ran 109' of 13 3/8" casing (K.B.). Cemented with 120 sacks, 2% CaCl. Plug down time 7:30 P.M., 8/13/62.
3. On September 4, 1962 - T.D. 6127', plugging.

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 E. L. Karn, Jr.  
 Title Production Manager

U. S. LAND OFFICE Window Rock  
SERIAL NUMBER 14-20-603-406  
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, Colo  
Lessor or Tract No. 1 Navajo - Davis Field Wildcat State Utah  
Well No. 1 Sec. 4 T. 43S R. 26E Meridian \_\_\_\_\_ County San Juan  
Location 660 ft.  $\left\{ \begin{matrix} N. \\ S. \end{matrix} \right\}$  of N Line and 660 ft.  $\left\{ \begin{matrix} E. \\ W. \end{matrix} \right\}$  of E Line of Sec. 4 Elevation 4855'  
(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 Paul R. Dushler *Paul R. Dushler*

Date September 5, 1962. Title Consulting Geologist

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

Commenced drilling August 12, 1962 Finished drilling September 3, 1962

OIL OR GAS SANDS OR ZONES

*(Denote gas by G)*

No. 1, from None 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 1100 to 1250 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—	
<u>13 3/8"</u>	<u>48#</u>			<u>102' K.B.</u>					<u>Surf. Csg.</u>
<u>8 5/8"</u>	<u>24#</u>			<u>1560' K.B.</u>		<u>1054' to 0'</u>			<u>Intermediate</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/8"</u>	<u>102 K.B.</u>	<u>120 sacks</u>			
<u>8 5/8"</u>	<u>1560 K.B.</u>	<u>100 sacks</u>			

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

FOLD MARK

**MUDDING AND CEMENTING RECORD**

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	102 K.B.	120 sxs			
8 5/8"	1560 K.B.	100 sxs			

**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 6134 T.D. feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from none feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

Oct 9-4-12 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**

Mountain States Drilling Co., Driller \_\_\_\_\_, Driller \_\_\_\_\_  
622 Patterson Bldg., Driller \_\_\_\_\_, Driller \_\_\_\_\_  
Denver, Colorado

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0'	160'	160'	Dakota
160'	430'	270'	Morrison
430'	720'	290'	Summersville - Entrada
720'	1560'	840'	Navajo - Wingate
1560'	2665'	1105'	Chinle
2665'	2840'	175'	Shinarump
2840'	3060'	220'	<del>Moenkopi</del> Moenkopi
3060'	3290'	230'	DeChelly
3290'	4912'	1622'	Organ Rock
4912'	5800'	888'	Hermosa
5800'	5899'	99'	Upper Ismay
5899'	5948'	49'	Lower Ismay
5948'	6000'	52'	Paradox Shale
6000'	6132'	132'	Desert Creek Zone
6132'	6134'	2'	Paradox Salt

(OVER)

NO. 1	NAVAJO - DAVIS	STATE OF NEW MEXICO	COUNTY OF SHERMAN	TOWNSHIP OF ...	RANGE OF ...	SECTION OF ...
DATE	1962	WELL NO.	...	...	...	...
...	...	...	...	...	...	...

**HISTORY OF OIL OR GAS WELL**

16-43004-2 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 "sidetracked" 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.

The No. 1 Navajo - Davis was spudded on August 13, 1962. A 12 1/2" hole was drilled from 0' to 60' then reamed to 17 1/2" hole from 0' to 45'. A 12 1/2" hole was then drilled from 60' to 141' and the hole then reamed to 17 1/2" hole from 45' to 121'. Three joints of 13 3/8" 48# csg. was then set at 102' K.B. and cemented with 120 sxs. 2% CaCl. Job complete at 3:30 P.M. W.O.C.

On August 14, 1962 drilling was begun at 1:15 P.M. and 11" hole was drilled from 141' to 470'. On August 15 the 11" hole was drilled from 470' to 1545'. Water flow was picked up at 1155'. On August 16 the 11" hole was drilled to 1560' and 50 joints of 24# 55 & 5/8" csg. was set at 1560' k.B. with 100 sxs 2% CaCl. W.O.C. from 10:00 A.M. until 10:45 P.M. Drilling was then resumed with 7 7/8" bit from 1560'. From August 17 until September 3 drilling was continuous from 1569' to 6134' T.D. No cores were out and since no porosity or shows had been encountered no tests were run. On September 3 Schlumberger Induction E.S., QR-Sonic, and Micro logs were run. The No. 1 Navajo - Davis was plugged and abandoned on September 4, 1962.

PRODUCTION DATA

DATE	...	...	...	...	...	...
...	...	...	...	...	...	...

**LOG OF OIL OR GAS WELL**

REGISTRATION NUMBER  
 DISTRICT OF THE BUREAU  
 HOLE NO.

DATE OF THIS LOG PRODUCED  
 BY THE BUREAU OF LAND MANAGEMENT  
 U.S. DEPARTMENT OF THE INTERIOR

PAUL R. BUEHLER  
PETROLEUM GEOLOGIST  
2775 CRABAPPLE RD.  
GOLDEN, COLORADO  
PHONE CR 9-4323

September 6, 1962

Davis Oil Co.  
1020 Midland Savings Bldg.  
Denver, Colorado

In tlomon:

Enclosed herewith are a descriptive sample log, chronological log, bit record, mud record, hole deviation record, drilling time and plugging procedure from your No. 1 Navajo-Davis, San Juan County, Utah. The formations penetrated and other data are as follows:

DAVIS OIL CO., NO. 1 NAVAJO-DAVIS  
C NE NE Sec. 4, T43S, R26E  
San Juan County, Utah

Elev : 4846' grd, 4858' K.S.  
Comm : Aug 12, 1962  
Comp : Sept 3, 1962  
Contr: Wta States Drilg. Co.  
Csg : 13 3/8" - 102' K.S.  
      8 5/8" - 1560' K.S.  
Mud : Oil Emulsion  
Hole Size: 7 7/8"

Top	Strata	1560'	Sehlm
"	Shinarump	2665'	"
"	Moenkopi	2840'	"
"	DeChelly	3060'	"
"	Organ Rock	3290'	"
"	Hermosa	4912'	"
"	Upper Lamy	5800'	"
"	Lower Lamy	5899'	"
"	Paradox shale	5948'	"
"	Desert Creek zone	6000'	"
T.D.	2' into Paradox salt	6134'	"

Sehlmberger measure was 7 feet deeper than driller's measure at total depth, and from 7 to 9 feet deeper than driller's measure through the Lower Lamy and Desert Creek zones.

No shows were noted in the drilling samples and no porosity was visible nor were any fact drilling breaks encountered which might indicate porosity. Since no shows were encountered, the No. 1 Navajo-Davis was plugged and abandoned at a depth 2' into the Paradox salt.

Very truly yours,

*Paul R. Buehler*  
Paul R. Buehler,  
Geologist

PRB/j

SAMPLE DESCRIPTIONS

Samples examined and logged by Paul A. Buchler, geologist  
on location. Samples begin at 120'

- 120- 150 ss, m.g.-c.s.g. sr, sli congl, cly filled w/ltl bent, gry.
- 170 Sample missing.
- 220 sh, gry, grn & pak, bent.
- 310 ss, f.g. friable, drills up free & sh, gry, bent.
- 580 sh, gry, bent w/ltl ss as above.
- 670 ss, wh, gry, f.g. & sh, red-brn.
- 700 sh, red-brn, sity.

TOP NAVAJO ss 720' Sample.

- 730 sh, red-brn, & sh, gry-grn, ltl ss, f.g. wh, friable.
- 1000 ss, m.g. pak, friable, sr.
- 1090 ss as above w/ltl sh, brn.
- 1120 Sample missing.
- 1150 sh, brn.

TOP WINGATE 1265' Sample.

- 1270 sh, brn & sh, red.
- 1510 siltst to v.f.g. ss, pak.
- 1560 Sample missing.

TOP CHINLE 1560' Schlum

- 2010 Cement.
- 2280 Cement.
- 2670 sh, red, sity, sli gypsiferous.

TOP SHINARUMP 2665' Schlum

- 2710 sh, red & sh, lav.
- 2800 sh, lav w/ltl nodular ls, congl.
- 2820 same.
- 2830 sh, red & lav w/ltl siltst, gry, spec.

TOP MANKOPI 2840' Schlum

- 2900 sh, gry-grn, w/ltl spec siltst.
- 3000 Samples missing.
- 3070 sh, gry-grn.

TOP DEWENNY ss 3060' Schlum

- 3080 sh, gry-grn.
- 3100 sh, gry-grn; ltl ss, f.g. pak-orange, friable.
- 3200 ss, pak-orange, sr, friable (drills up free).

TOP ORIGIN ROCK 3290' Schlum

- 3300 ss, pak-orange, sr, friable.
- 3400 siltst, red & sh, red, sity.

- 3400-3500 sh, red, silty.
- 3500 sh, red, silty.
- 3700 sh, red, silty.
- 3870 sh, red, silty.
- 3900 sh, red, silty, mica w/traces anhy.
- 4000 sh, red w/traces anhy.
- 4100 sh, red, w/ltl anhy.
- 4200 sh, red w/consid anhy.
- 4300 same.
- 4400 sh, red w/ltl anhy.
- 4500 same.
- 4600 sh, red w/ltl anhy.
- 4620 sh, red; ltl ls, tan, dns, f. xln.
- 4660 sh, red.
- 4670 sh, red w/consid ls, f. xln, tan, dns, some silt arenaceous.
- 4700 sh, red; ss, f.g. v. calc and ls, f. xln, tan, dns, 20%.
- 4740 sh, red.
- 4750 sh, red; ls, tan, f. xln, dns, 10%.
- 4800 sh, red.
- 4900 sh, red-brn & gry.

TOT MESA 4912' - Ohlum

- 4930 sh, red-brn & gry, ltl ls, f. xln, tan, dns.
- 4940 ls, tan-orm, f. xln, dns, 30%; sh, red & gry, 70%.
- 4960 sh, red & sh, gry, fr ls as above.
- 4970 ls, tan-bf, m. xln, foss.
- 4980 ls, tan-bf, m. xln, foss, 10%; sh, red & sh, gry, 70%.
- 5000 sh, gry, flaky, 90%; ls, m. xln, tan, 10%.
- 5010 sh, red & sh, gry; ls, m. xln, tan, 10%.
- 5070 sh, red w/ltl sh, gry, grn.
- 5090 same.
- 5100 sh, red & sh, gry.
- 5130 same.
- 5180 sh, red & sh, gry, 95%; ls, tan-orm, m. xln, 5%.
- 5200 sh, red & sh, gry 80%; ls, orm-wh, f. xln, arenaceous, 20%; ltl chert.
- 5290 sh, red & sh, gry w/traces ls, orm, m. xln-f. xln.
- 5300 ls, orm-gry, f. xln, silt arenaceous.
- 5310 ls, tan-gry, f. xln, silt arenaceous.
- 5340 sh, gry, 60%; ls as above, 40%.
- 5370 sh, gry, w/traces ls, f. xln, tan, dns.
- 5390 ls, orm-gry, f. xln & sh, gry.
- 5410 sh, gry & sh, red.
- 5440 ls, wh-orm, f. xln, arenaceous, 50%; sh, gry & sh, red, 50%.
- 5460 sh, gry w/ltl ls, orm-gry, f. xln, dns.
- 5500 sh, gry, 70%; ls, orm, m. xln, 10%.
- 5520 sh, gry.
- 5560 ls, orm-wh, f. xln, 25%; sh, gry, 75%.
- 5600 sh, gry w/traces ls as above.
- 5625 sh, gry.
- 5645 sh, gry w/traces ls, wh-tan, f. xln, some arenaceous.
- 5700 ls, wh, orm, f. xln, silt arenaceous, 20%; sh, gry, 80%.
- 5705 sh, gry w/traces ls, wh-orm, f. xln.
- 5735 sh, gry, 95%; ls, f. xln, tan, dns, 5%.
- 5770 ls, orm-tan, f. xln, dns, 25%; sh, gry, 75%.
- 5790 sh, gry.

Davis Oil Co., No. 1 Navajo-Davis, C NE NE, 4-435-26E, San Juan Co., Utah

5790-5800 Sh. gry; Tr ls, orn-tan, f. xln, dns w/ltl chert.  
-5805 Sh. gry.

TOP UPPER LEMAY 5800' Schlum

-5860 ls. orn-tan, f. xln, 30%; sh. gry. 70%.  
-5865 Sh. gry w/traces ls.  
-5900 ls. orn-tan, m. xln.

TOP LOWER LEMAY 5899' Schlum

-5925 ls. tan, f. xln, dns & sh. gry.  
-5935 Same, consid chert.  
-5940 ls. orn-tan, f. xln-m. xln.

TOP PARADA shale 5948' Schlum

-5950 Sh. ark gry-blk & ls. as above.  
-5970 Same.

TOP MOUNT CHERRY zone 6000' Schlum

-6010 Sh. blk & sh. gry; Tr silst, tan, traces ls, tan, f. xln, dns.  
-6020 Same.  
-6025 ls. tan-buff, f. xln-m. xln, 50%; sh. gry & blk, 50%.  
-6035 ls. tan-buff, f. xln, argillaceous.  
-6060 ls. gry, tan, f. xln, v. argillaceous, & sh. gry, diac.  
-6080 ls. gry-tan, f. xln, argillaceous; consid cavings.  
-6100 ls. gry-tan, f. xln, v. argillaceous, w/ltl anhy.  
-6125 Sh. gry & ls, m. xln, tan, w/ltl anhy.  
-6127 T.S. (Jirc 1 1/2 hrs) sh. gry, splintery w/ltl ls, tan, m. xln.

T.S. 6127' Drir; 6134' Schlum.

*Paul D. Bushler*  
Paul D. Bushler,  
Geologist

GEOMOLOGICAL LOG

AUG 10 Rigging up.  
 AUG 11 Rigging up.  
 AUG 12 Rigging up. Drig. rathole.  
 AUG 13 Finish drig rat hole. Drld 12 1/4" hole 0 to 60'. Reamed to 17 1/4" hole 0 to 45'. Drld 12 1/4" hole 60' to 141'. Reamed to 17 1/4" hole 45 to 121'. Ran 3 joints 13 3/8" 48# csg. set at 96.60' grt. Cemented w/120 sms common cement w/2% CaCl. Job complete @ 3:30 p.m. W.O.C.  
 AUG 14 W.O.C. Nipple up. Drld mouse hole. Began to drill 1:15 p.m. Drld cement 75 to 117'. Drig 11" hole 141 to 470'.  
 AUG 15 Drig 11" hole 470 to 1545'. Picked up water flow of 2 1/2" stream @ 1155'. Increase to 3" @ 1216'. Increase to 4" @ 1936'.  
 AUG 16 Drig 11" hole 1545' to 1560'. Ran 50 joints 2 1/2" J55 8 5/8" csg set at 1560' K.B. cemented w/100 sms cement 3% CaCl. Plug down 10:00 a.m. W.O.C. Began to drill w/ 7 7/8" bit : 10:45 p.m. Drig cement : 1497'.  
 Drig 1560 to 1569'.  
 AUG 17 Drig 1569 to 2489'.  
 AUG 18 Drig 2489 to 2980'.  
 AUG 19 Drig 2980 to 3345'.  
 AUG 20 Drig 3345 to 3606'.  
 AUG 21 Drig 3606 to 3907'.  
 AUG 22 Drig 3907 to 4178'.  
 AUG 23 Drig 4178 to 4396'.  
 AUG 24 Drig 4396 to 4633'.  
 AUG 25 Drig 4633 to 4847'.  
 AUG 26 Drig 4847 to 5046'. Strapped pipe on trip @ 4847'.  
 Apply 3' uphole correction. 4847 = 4844' corrected.  
 AUG 27 Drig 5046 to 5206'.  
 AUG 28 Drig 5206 to 5374'.  
 AUG 29 Drig 5374 to 5536'.  
 AUG 30 Drig 5536 to 5704'.  
 AUG 31 Drig 5704 to 5866'.  
 Sept 1 Drig 5866 to 5952'.  
 Sept 2 Drig 5952 to 6080'.  
 Sept 3 Drig 6080 to 6127' T.D. Reached T.D. @ 6:00 a.m. Circ 1 1/2 hrs. Ran Schlum Ind. R.S., GR-Sonic & Micro logs. Began plugging.

SIT RECORD

1.	12 1/4"	HTC	OS01G	0-60'	60'	
2.	17 1/4"	Lead	Hole Opener	0-121'	121'	
3.	12 1/4"	HTC	OS33AJ	60-141'	81'	
3.	"	JP	FLS	141-470'	329'	7 1/2 hrs.
4.	"	HTC	OS01G	470-1155'	685'	12 1/4
5.	"	HTC	OS01GJ	1155-1560'	405'	4 3/4
6.	7 7/8"	HTC	OS0-3J	1560-2199'	639'	12 1/2
7.	"	G.S.	AS10A	2199-2675'	476'	12
8.	"	Smith	DTJ	2675-2980'	305'	11 1/4
9.	"	HTC	OS01G	2980-3147'	167'	6 3/4
10	"	"	"	3147-3328'	181'	5 1/2
11	"	Smith	DT2G	3328-3489'	161'	13 1/2
12	"	HTC	OS01GJ	3489-3652'	163'	11 1/4
13	"	See	34J	3652-3875'	223'	12 1/4
14	"	Smith	DT2G	3875-4008'	133'	10 1/4
15	"	HTC	OS01GJ	4008-4180'	172'	11 3/4
16	"	"	OS01G	4180-4352'	172'	13
17	"	"	"	4352-4505'	153'	14
18	"	See	SBJ	4505-4657'	152'	10 3/4
19	"	HTC	OS0J	4657-4847'	190'	14 1/4
20	"	Smith	K2P	4847-4953'	106'	8 1/2
21	"	HTC	CV-J	4953-5090'	137'	15
22	"	See	M&M-J	5090-5181'	91'	8 1/4
23	"	HTC	OWL-J	5181-5291'	110'	15
24	"	See	M&L-J	5291-5419'	128'	13 1/2
25	"	See	M&M-J	5419-5558'	139'	17
26	"	See	"	5558-5704'	146'	14 1/4
27	"	Smith	C-2	5704-5821'	117'	13 1/4
28	"	See	M&L	5821-5912'	91'	11
29	"	See	M&L	5912-5952'	40'	9 1/4
30	"	HTC	V7J	5952-6068'	116'	14 1/2
31	"	HTC	V7J	6068-6127'	59'	7 1/4

Davis Oil Co., #1 Navajo-Davis, C NE NE, 4-438-26E, San Juan Co., Utah

MUD RECORD

Date	Depth	wt	Vis	Gels	Wtr loss	Clay	Sand	P.H.	Salt
Aug 16									
Aug 18	2860'	9.3	38	1-18	14.6	2	3/4	12	1500
Aug 20	3465'	10.1	42	2-44	14.0	2	3	12	1700
Aug 22	4009'	9.9	42	11-48	16.4	2	1 1/2	12	1500
Aug 24	4505'	10.1	41	5-25	16.5	2	1 1/2	11.5	1400
Aug 26	5045'	10.3	42	3-33	11.6	2	1 1/2	11.4	1000
Aug 28	5310'	10.5	44	4-44	12.2	2 1/2	1 1/4	9.4	1250
Aug 30	5612'	10.4	44	1-32	9.0	2	1	10.2	1800
Sept 1	5908'	10.3	40	2-20	9.4	2	3/4	9.5	1700

STRAIGHT HOLE SURVEYS

Aug 13	121'	1/2 degree	Aug 21	3650'	1/2 degree
Aug 15	470'	3/4	Aug 22	4008'	3/4
Aug 16	1003'	1	Aug 24	4505'	1/2
Aug 16	1560'	1 1/2	Aug 26	4953'	1/2
Aug 17	2110'	1 3/4	Aug 30	5558'	1/2
Aug 18	2675'	1/2	Sept 2	6068'	1/2
Aug 19	3328'	1			

DRILLING TIME

Drilling time - minutes per 5 feet from Upper Isamy to T.D.

5800-5900	27-39-36-41-31-25-29-21-28-27-27-27-39-42-45-46-45-48-32-38
-6000	42-34-41-53-61-56-44-48-88-87-35-32-36-33-32-29-24-30-31-33
-6100	27-30-29-34-30-40-40-47-45-40-45-41-43-37-33-36-42-42-38-39
-6125	40-33-35-33-40

PLUGGING PROCEDURE

1.	5790' up to 5550'	240'	74 size	Across Paradox
2.	4950' up to 4850'	100'	30 size	Across Hermosa
3.	3100' up to 3000'	100'	30 size	Across DeChelly
4.	1560' up to 1400'	160'	60 size	Base 8 5/8" csg out.
5.	800' up to 700'	100'	60 size	Across Navajo
6.	20' up to 0'	20'	17 size	Top 19 3/8" csg.

# DAVIS OIL COMPANY

OIL  
PRODUCERS

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

September 11, 1962

Re: #1 Navajo Davis  
C NE NE Sec. 4-438-26E  
San Juan County, Utah

C  
O  
P  
Y

Mr. P. T. McGrath  
U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico

Dear Sir:

Enclosed herewith please find, submitted for your approval, original and two copies of our Notice of Intention to Abandon, together with three copies of the Log of Oil or Gas in connection with the above captioned well.

Thank you for your cooperation.

Yours very truly,

DAVIS OIL COMPANY

ORIGINAL SIGNED  
BY E. L. KARN, JR.

E. L. Karn, Jr.  
Production Manager

ELK/jt  
Encls.

cc/Utah Oil & Gas Conservation Comm.  
310 Newhouse Building  
Salt Lake City 11, Utah

Copy H.L.C.

AMB


**APPROVED** (SUBMIT IN TRIPPLICATE)

SEP 3 1962  
 RICHARD B. KRAHL  
 ACTING DISTRICT ENGINEER  
 UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

Indian Agency Window Rock

Allottee \_\_\_\_\_

Lease No. 14-20-609-406

**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	SEP 3 1962
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<b>XX</b>		

**RECEIVED**  
 U. S. GEOLOGICAL SURVEY  
 DENVER, COLORADO

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

Davis Oil Company  
 No. 1 Navajo - Davis

September 3, 1962

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 4

NE 1/4 Sec. 4 T 43 S R 26 E  
 (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 4855 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 Navajo - Davis is to be plugged and abandoned as follows:  
 \*PLUGGING PROCEDURE\*

- |                      |      |        |                           |
|----------------------|------|--------|---------------------------|
| 1. 5730' up to 5550' | 240' | 74 sxs | across Paradox            |
| 2. 4950' up to 4850' | 100' | 30 sxs | across Hermosa            |
| 3. 3100' up to 3000' | 100' | 30 sxs | across DeChelly           |
| 4. 1560' up to 1400' | 160' | 60 sxs | base 8 5/8 below csg. cut |
| 5. 800' up to 700'   | 100' | 60 sxs | across Navajo in 11" hole |
| 6. 20' up to 0'      | 20'  | 17 sxs | top of 13 3/8" w/marker   |

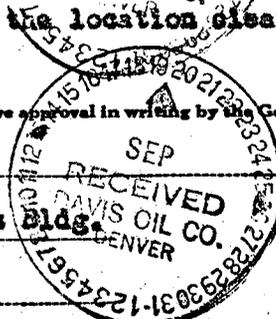
A marker is to be erected and the location cleaned up and restored to good condition.

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, Colorado



By Paul R. Buehler

Title Consulting Geologist

DAVIS OIL COMPANY



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

September 25, 1962

Re: #1 Navajo Davis  
C NE NE, Section 4-43S-26E  
San Juan County, Utah

Continental Oil Company  
Attn: Mr. G. H. Galny  
P. O. Box 1121  
Durango, Colorado

Shell Oil Company  
Attn: Mr. E. G. Hoskins  
P. O. Box 1200  
Farmington, New Mexico

Delhi-Taylor Oil Corporation  
Attn: Mr. Fla Lewis, Jr.  
420 Denver Club Building  
Denver 2, Colorado

Delhi-Taylor Oil Corporation  
Fidelity Union Tower Bldg.  
Dallas 1, Texas

Gentlemen:

Enclosed herewith please find for your respective files, one copy each of our approved Notice of Intention to Abandon in connection with the above captioned well.

Yours very truly,

DAVIS OIL COMPANY

ORIGINAL SIGNED  
BY E. L. KARN, JR.

E. L. Karn, Jr.  
Production Manager

ELK/jt  
Encls.

cc-Utah Oil & Gas Conservation Comm.  
310 Newhouse Building  
Salt Lake City 11, Utah