

FILE NOTATIONS

Entered in NID File

Revised
✓

Checked by Chief

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:

*Price
OGCC*

Date Well Completed

1-10-57

Location Inspected

OW

WW

TA

X

Bond released

GY

CS

PA

State of Fee Land

LOGS FILED

Driller's Log *12-19-57*

Electric Logs (No.)

1

E

I

EI

GR

GR-N

Micro

Lat

M-L

Sonic

Others

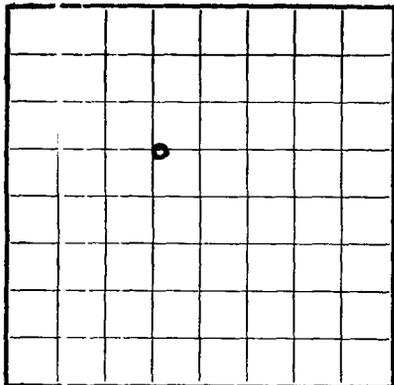
Depth Determination - 2

6 10

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

State Capitol Building
Salt Lake City 14, Utah

Noted
H 1-7-58



LOCATE WELL CORRECTLY

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company Western Natural Gas Address Farmington, New Mexico
Lease or Tract: Navajo Field Boundary Butte State Utah
Well No. 2 Sec. 32 T43S R. 23E Meridian S. L. M. County San Juan
Location 1980 ft. N of N Line and 2080 ft. E of W Line of 32-43S-23E Elevation 5400 Approx.
(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 _____

Date 7-8-49 Title Petroleum Engineer

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

Commenced drilling 3-8, 19 49 Finished drilling 4-22, 19 49

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 None 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-	
13 3/8	54.5	8rd	Nat'l	292'	Reg.				
7"	20#	8rd	Nat'l	4882'	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	292	200	Halliburton		
7"	4882	350	Halliburton		

MARK

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

Acid Record

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
7000 gal	thru perf	from 4837-50				
2300 gal	thru perf	from 4825-32 and 4790-4818				

TOOLS USED

Rotary tools were used from 0 feet to 4882 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

....., 19..... Put to producing, 19.....

The production for the first 24 hours was No barrels of fluid of which% was oil;% emulsion;% water; and% sediment. Gravity, °Bé.

Gas well, cu. ft. per 24 hours None Gallons gasoline per 1,000 cu. ft. of gas

Block pressure, lbs. per sq. in.

EMPLOYEES

J. W. McClintock, Driller, Driller

Lee Thompson, Driller, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
30	720	690	f to M Br-Red Br-Gra SS
720	1240	520	Red sh with Ls & SS Breaks
1240	1310	70	Red Br M SS
1310	1440	130	Broken Ls & Sh.
1440	1550	110	M-wht-gra-uncon SS
1550	1740	190	Red sh thin Breaks Grn sh
1740	2250	510	Red f SS with thin Red sh bks.
2250	3900	1650	Broken Red-Br f SS & Red sh.
3900	4520	620	Broken Ls-sh-SS
4520	4630	110	Br Ls with thin SS & sh bks.
4630	4770	140	Br-Gra Ls with SS & sh bks-abundant chert
4770	4790	20	Blk sh
4790	4820	30	hd lmy SS vy
4820	4882 T.D.	62	Gra hd Ls

Squeeze perforations from 4790-4818 and from 4825-32 with 75 sacks cement.

Well temporarily abandoned.

[OVER]

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

Window Rock, Arizona

Allottee

Lease No. I-149-DD-7601

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 REDRILL OR REPAIR WELL.....	<input checked="" type="checkbox"/>	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 26, 1956

Well No. Navajo 2 is located 1980 ft. from N line and 2000 ft. from W line of sec. 32

SE/4 T1/4 32
(1/4 Sec. and Sec. No.)

43-8
(Twp.)

21-R
(Range)

S12M
(Meridian)

Boundary Butte
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 5361 ft. Ground.

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)

Plan to enter old hole with rotary tools, drill plugs, tie on to old 7" 20# casing (which is set at 4822') at approximately 1426', drill from 4822' to 5200' and attempt to complete in the Paradox.

Casing Program:

1426' 7" 20# J-55 STAC new casing
550' 5" 15# Hydril or Extreme line casing

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

Company WESTERN NATURAL GAS COMPANY

Address 828 Midland Tower

Midland, Texas

By John B. Thomas

Title Office Manager

Western Natural Gas Company

1006 MAIN STREET

Houston 2, Texas

December 26, 1956

ADDRESS CORRESPONDENCE TO
823 MIDLAND TOWER BUILDING
MIDLAND, TEXAS

The State of Utah
Oil & Gas Conservation Commission
Salt Lake City, Utah

Attention of Cleon B. Feight, Secretary

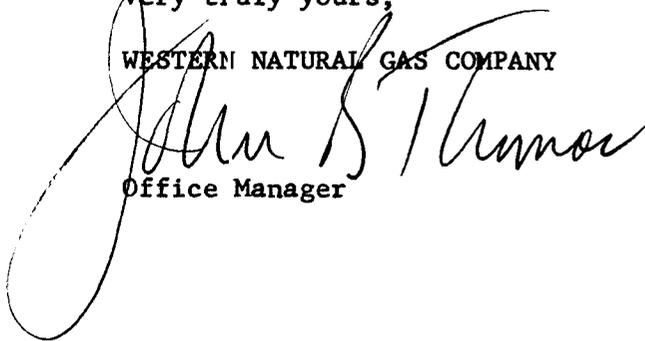
Gentlemen:

We are indeed sorry that two copies of the U.S.G.S. Form 9-331b which covered redrilling operations at our Navajo #2 32-43S-23E, San Juan County, was not sent to you by the U.S.G.S. office in Farmington or the Navajo Indian Service at Window Rock.

In accordance with your request, we enclose two copies of the application and trust you will find our proposed program satisfactory.

Very truly yours,

WESTERN NATURAL GAS COMPANY


Office Manager

JBT:jh

December 19, 1956

Western Natural Gas Company
823 Midland Towers
Midland, Texas

Gentlemen:

It has come to the attention of this office that you intend deepening Well No. Navajo 2, which is located 1980 feet from the north line and 2080 feet from the west line (SE NW) of Section 32, Township 43 South, Range 23 East, San Juan County, Utah.

Will you please file a notice of intention to drill with this office as soon as possible.

Yours very truly,

OIL & GAS CONSERVATION
COMMISSION

CLEON B. FREIGHT
SECRETARY

CBF:en

December 27, 1956

Western Natural Gas Company
823 Midland Tower
Midland, Texas

Re: Well No. Navajo 2, Section
32, Township 43 South, Range 23
East, S1E1M, San Juan County,
Utah

Gentlemen:

This is to acknowledge receipt of your notice of intention to redrill relative to the above mentioned well.

Your proposed program is in accordance with the requirements of this office.

Thank you for your cooperation in this matter.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

GLEON B. FEIGHT
SECRETARY

CBF:en

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

Window Rock, Arizona

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. L-149-IND-7601

	X	

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.....	X
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)

January 19, 1957

Well No. Navajo 2 is located 1980 ft. from N line and 2000 ft. from W line of sec. 32

SE/4 NW/4 32 (1/4 Sec. and Sec. No.) 43-S (Twp.) 23-E (Range) SLM (Meridian)
Boundary Butte (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5361 ft. Ground.

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)

On 12-31-56 entered old hole. Pulled previous marker and junk from hole. Cleaned to 1466' with 8 3/4" bit. Re-entered hole with 12 1/4" bit and cleaned to 1206'; Lost 12 1/4" bit in hole. Could not fish out.

On 1-10-57 spotted 50 sacks neat cement 1114'-1189'; 50 sacks 58' - surface. Put in 4'-4" pipe for marker and abandoned hole. Cleaned location and moved rig out.

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

Company WESTERN NATURAL GAS COMPANY

Address 823 Midland Tower

Midland, Texas

By John B. Thomas

Title Office Manager

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

Window Rock, Arizona

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. I-149-IND-7601

	X		

SUNDRY NOTICES AND REPORTS ON WELLS

Noted
A 1-7-58

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.....	X
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)

January 19, 1957

Navajo
Well No. 2 is located 1980 ft. from [N] line and 2080 ft. from [E] line of sec. 32

SE/4 NW/4 32 43-S 23-E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Boundary Butte San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 536 ft. Ground

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)

On 12-31-56 entered old hole. Pulled previous marker and junk from hole. Cleaned to 1466' with 8 3/4" bit. Re-entered hole with 12 1/4" bit and cleaned to 1206', lost 12 1/4" bit in hole. Could not fish out.

On 1-10-57 spotted 50 sacks neat cement 1111'-1189'; 50 sacks 58' - surface. Put in 4'-4" pipe for marker and abandoned hole. Cleaned location and moved rig out.

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

Company WESTERN NATURAL GAS COMPANY

Address 823 Midland Tower

Midland, Texas

By [Signature]

Title Office Manager

W

June 26, 1957

Western Natural Gas Company
823 Midland Tower
Midland, Texas

Gentlemen:

It has come to the attention of this office that Well No. Navajo 2, which was drilled by you on Section 32, Township 43 South, Range 23 East, S1E4W, San Juan County, has been plugged and abandoned as of about January 10, 1957.

Rule C-5(a), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission, provides that within 90 days after the suspension of operations, abandonment of, or the completion of any well drilled for the production of oil or gas and within 90 days after the completion of any further operations on it, if such operations involved drilling deeper or drilling or re-drilling any formation, the well log shall be filed with the Commission, as well as a copy of the electric and radioactivity logs, if run.

If our information is correct, will you please complete the enclosed Forms OGCC-3, Log of Oil or Gas Well, and forward them to this office as required by the above mentioned rule. If our information is not correct, will you so notify us.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLYDE B. FREIGHT
SECRETARY

CBF:cn

Western Natural Gas Company

1006 MAIN STREET

Houston 2, Texas

ADDRESS CORRESPONDENCE TO
823 MIDLAND TOWER BUILDING
MIDLAND, TEXAS

July 2, 1957

*Noted
CASH
7-12-57*

The State of Utah
Oil & Gas Conservation Commission
Salt Lake City 14, Utah

Gentlemen:

Att: Cleon B. Feight, Secretary

Western Natural Gas Company re-entered its Navajo #2, SE/4-NW/4, 32-43-23, San Juan County, Utah but was unable to do any work on the well or make additional footage because a bit was lost in the hole.

The above information was contained in a report on USGS Form 931B filed January 19, 1957; we enclose an additional two copies for your files plus one copy of the Schlumberger "Depth Determination" Log. If we can furnish you with additional information on this well, please do not hesitate to write.

Very truly yours,

WESTERN NATURAL GAS COMPANY

JBT:gs

Cleon B. Feight
Office Manager

December 5, 1957

Western Natural Gas Company
823 Midland Tower
Midland, Texas

Attention: John B. Thurman, Office Manager

Re: Well No. Navajo 2, Sec. 32,
T. 43 S, R. 23 E, San Juan
County, Utah

Dear Sir:

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

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

Referring to your letter of July 2, 1957, we have never received the copy of the Schlumberger "Depth Determination" Log.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:en

Western Natural Gas Company

1006 MAIN STREET

Houston 2, Texas

December 16, 1957

ADDRESS CORRESPONDENCE TO
823 MIDLAND TOWER BUILDING
MIDLAND, TEXAS

Mr. Cleon B. Feight, Secretary
The State of Utah
Oil & Gas Conservation Commission
Salt Lake City 14, Utah

*Notes \$
1-7-58*

Dear Mr. Feight:

The Western Natural Gas Company, et al #2 Navajo, 32-43-S-23E, San Juan County, Utah was plugged and abandoned on May 3, 1949. The subsequent attempt to re-enter this well on December 31, 1956 was unsuccessful.

Enclosed is a copy of the Schlumberger "Depth Determination" log and two copies of your OGCC-3 which we trust will complete your file on this well.

Very truly yours,

WESTERN NATURAL GAS COMPANY

John B. Thomas
Office Manager

JBT:jh