

PEA ----- 10-3-55

Well Log

✓

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 _____ ✓
 Copy NID to Field Office _____ ✓
 Approval Letter _____
 Disapproval Letter _____

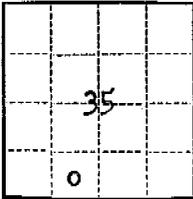
COMPLETION DATA:

Date Well Completed 10-2-55
 OW _____ WW _____ TA _____
 GW _____ OS _____ PA ✓

Location Inspected _____
 Bond released _____
 State of Fee Land _____

LOGS FILED

Driller's Log ✓ 1956
 Electric Logs (No.) 1
 E ✓ I _____ E-I _____ GR _____ GR-N _____ Micro _____
 Lat. _____ Mi-L _____ Sonic _____ Others _____



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 012384
Unit Seiber Nose

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 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.....			

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

COPY

COPY

September 6, 1955

Henrod-Federal

Well No. 2 is located 660 ft. from NE line and 1980 ft. from W line of sec. 35
SE SW Section 35 19S 24E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Seiber Pool(Ext) Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. Not run yet

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 drill a 1600' Morrison test. Surface Casing: Approximately 150' of 8-5/8" OD 24# J55 ss csg cemented to surface. Oil string: Approximately 1600' of 5 1/2" OD 11# ss csg. Rotary drilling equipment will be used to drill this test. A Conventional Gel mud to be used. All shows of oil and gas will be drill stem tested. Electric logs etc will be run before setting 5 1/2" casing or abandonment. Stimulation treatments such as acid or hydraulic fracturing may be employed.

COPY

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

Company THE CARTER OIL COMPANY
 Address Box 591
Vernal, Utah

By COPY (ORIGINAL SIGNED) B. M. BRADLEY
 B M Bradley
 Title District Superintendent

Approved: Sep 9 1955
 /s/D.F. Russell
 District Engineer

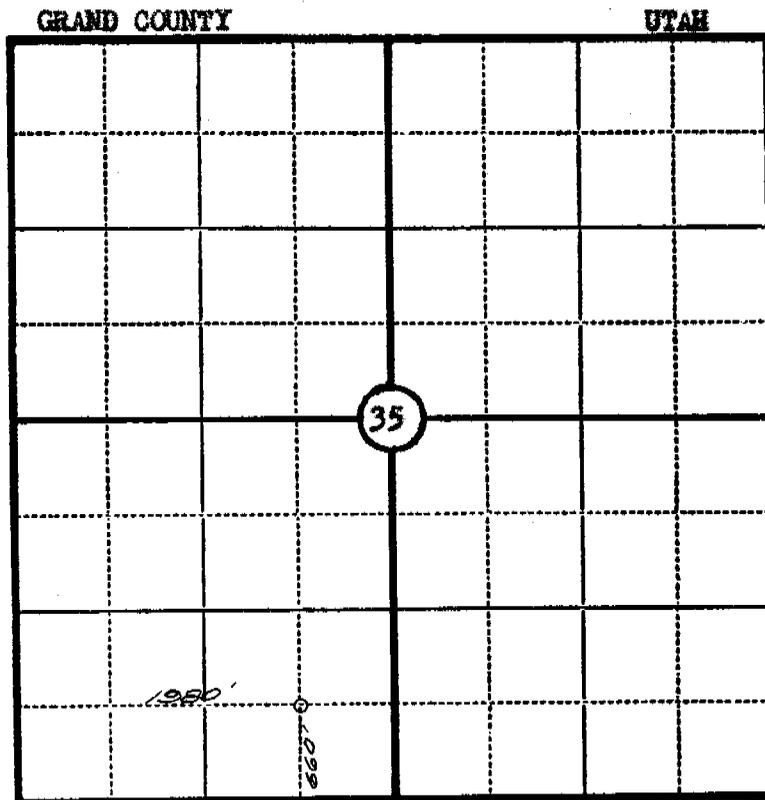
COPY

Company CARTER OIL COMPANY

Lease HENROID - FEDERAL Well No. 2

Sec. 35, T. 19 S., R. 24 W. S.L.M.

Location 660' FROM THE SOUTH LINE AND 1980' FROM THE WEST LINE.



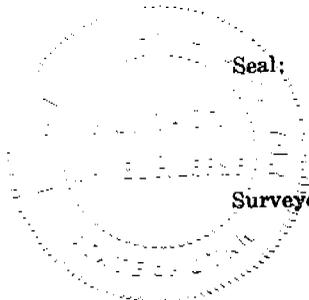
Scale—4 inches equal 1 mile.

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.

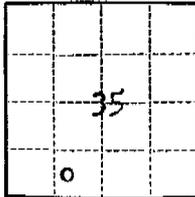
James P. Leese

Registered
 Land Surveyor.

James P. Leese
N. Mex. Reg. No. 1463
Utah Reg. No. 1472



Surveyed 27 August, 1955



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 012384
Unit Seiber Nose

SUNDRY NOTICES AND REPORTS ON WELLS

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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.....	
NOTICE OF INTENTION TO ABANDON WELL.....	Report of Setting Surface Csg.....	X

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

C O P Y

C O P Y

September 7, 1955, 19.....

Henroid-Federal

Well No. 2 is located 660 ft. from S line and 1980 ft. from W line of sec. 35

SE SW Section 35 19S 24E SLM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Seiber Pool (Ext) Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is ft. Not run yet

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)

Ran 4 joints - 118' of 8-5/8" OD 24# 8rd thd J55 smls csg, set at 123'.
Cemented with 60 sacks regular cement plus 2% calcium chloride. Good returns.
Displaced cement to 90'.

C O P Y

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

Company THE CARTER OIL COMPANY

Address Box 591

Vernal, Utah

By **COPY (ORIGINAL SIGNED) B. M. BRADLEY**

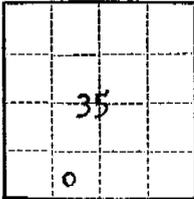
Approved: Sep 14 1955

B M Bradley
Title District Superintendent

/s/ D F Russell
District Engineer

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 012384
Unit Seiber Nose



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	
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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	
NOTICE OF INTENTION TO ABANDON WELL	Report of Drill Stem Test	X

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

COPY

COPY

September 30, 1955, 19

Henroid-Federal

Well No. 2 is located 660 ft. from S line and 1980 ft. from Ext W line of sec. 35

SE SW Section 35 19S 24E SLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Seiber Pool (Ext) Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4577 ft. 4572' G.L.

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)

DST #1 - TD 1465' - packer at 1422'. Tool open 2 hours, shut in 30 minutes. Good initial blow, decreasing to fair blow in 30 minutes, dead in 1½ hrs. Gas to surface in 20 minutes, burn very small flame. Recovered 1320' fluid, 90' drilling fluid, -gas cut with specks of oil; 240' muddy gas cut water-trace of oil; 990' gas cut water slightly brackish. IFP 145#, FFP 575#, SIP 575#, hydrostatic 695#.

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

Company THE CARTER OIL COMPANY

Address Box 591
Vernal, Utah

COPY (ORIGINAL SIGNED) **B. M. BRADLEY**

By B M Bradley
Title District Superintendent

Approved: Oct 3 1955
/s/ D-F Russell
District Engineer

	35		
	0		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 012384
Unit Seiber Nose

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO ABANDON WELL.....		Report of Drill Stem Test.....	X

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

COPY

COPY

September 30, 1955, 19

Henroid-Federal

Well No. 2 is located 660 ft. from S line and 1980 ft. from Ext W line of sec. 35

SE SW Section 35
(1/4 Sec. and Sec. No.)

19S
(Twp.)

24E
(Range)

S1M
(Meridian)

Seiber Pool (Ext 0)
(Field)

Grand
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4577 ft. 4572' G.L.

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)

DST #2 - TD 1482' packer set at 1465'. Tool open 2 hours, shut in 30 minutes. Good initial blow decreasing in 30 minutes and dead at end of 2 hours, gas to surface in 1 hour 20 minutes. Recovered 835' fluid of which 60' drilling fluid gas cut with trace of oil, 150' muddy gas cut water with trace of oil and 625' slightly brackish water. IFP 20#, FFP 370#, SIP 575#, hydrostatic 715#.

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

Company THE CARTER OIL COMPANY

Box 591

Address

Vernal, Utah

COPY (ORIGINAL SIGNED) B. M. BRADLEY

By B M Bradley

Title District Superintendent

Approved: Oct 3 1955

/s/ D F Russell

District Engineer

	35		
	0		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 012384
Unit Seiber Nose

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 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)

COPY

COPY

September 30, 1955, 19.....

Henroid-Federal

Well No. 2 is located 660 ft. from S line and 1980 ft. from W line of sec. 35.

SE SW Section 35 19S 24E SLM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Seiber Pool (Ext) Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4577 ft. 4572' G.L.

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)

Intend to plug and abandon as follows: T. D. 1600':

- Cement plugs: 1532' to 1372' 50 sacks
- 1278' to 1178' 31 sacks
- 173' to 73' 35 sacks
- 25' to Surface 10 sacks

Intervals between plugs to be filled with drilling mud.
To install 4" dry hole marker to extend 4' above ground level.

Verbal approval for above from Mr. D. F. Russell to Mr. B. M. Bradley 9-30-55.

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

Company THE CARTER OIL COMPANY
Address Box 591
Vernal, Utah

By COPY (ORIGINAL SIGNED) B. M. BRADLEY
B M Bradley
Title District Superintendent

Approved: Sept 30 1955
s/ D F Russell
District Engineer

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 012384
Unit Seiber Nose

	35		
0			

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.....	
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NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING 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)

C O P Y

C O P Y

October 2, 1955, 19

Henroid-Federal

Well No. 2 is located 660 ft. from {N} line and 1980 ft. from {E} line of sec. 35
SE SW Section 35 19S 24E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Seiber Pool (Ext) Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4577 ft. 4572' G.L.

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)

T. D. 1600', Schlumberger Tops Dakota 1,222', Morrison 1315'.

Plugged and abandon as follows:

- Drilling mud 1,600' to 1,532'
- 50 sacks cement 1,532' to 1,372' ✓
- Drilling mud 1,372' to 1,278'
- 31 sacks cement 1,278' to 1,178' ✓
- Drilling mud 1,178' to 73'
- 35 sacks cement 73' to 30' ✓
- Drilling mud 73' to 30'
- 10 sacks cement 30' to surface ✓

OK. Cost

4" Dry hole marker cemented in cellar, extends 4' above ground level.

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

Company THE CARTER OIL COMPANY
Address Box 591
Vernal, Utah
By Z. L. Grimme
Title District Foreman

COPY ORIGINAL SIGNED Z. L. GRIMME

THE STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

March 29, 1955

Garter Oil Company
P O Box 591
Vernal, Utah

Gentlemen:

It has come to the attention of this office that well No. Harold Federal
2, which was drilled by you on Section 35
Twp. 19S, Range 24E, Grand County, has been
completed, plugged and abandoned, or shut down as of 10/3/55
1956.

Rule 0-5 (a), General Rules and Regulations and Rules of Practice and
Procedure, Utah Oil and Gas Conservation Commission, provides that with-
in 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 forward the well log or
logs to this office as required by the above mentioned rule. If our
information is not correct, will you so notify us.

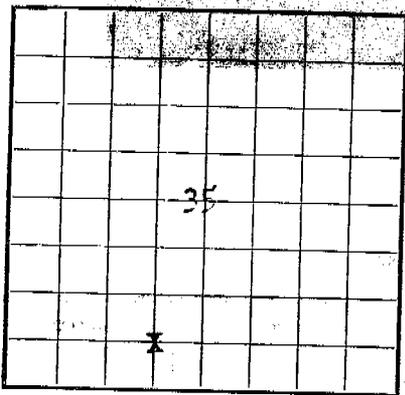
Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FLIGHT

CBF:ra

U. S. LAND OFFICE Utah
SERIAL NUMBER 012381
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COPY

LOG OF OIL OR GAS WELL

Company The Carter Oil Company Address Box 591, Vernal, Utah
Lessor or Tract Henroid-Federal Field Seiber State Utah
Well No. 2 Sec. 35 T. 19S R. 24E Meridian SLM County Grand
Location 660 ft. {N./S.} of S Line and 1280 ft. {E./W.} of W Line of Sec 35 Elevation 4577'
(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 **COPY (ORIGINAL SIGNED) B. M. BRADLEY**

Date November 11, 1955 Title District Superintendent

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

Commenced drilling 9-5-55, 19... Finished drilling 10-2-55, 19...

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 1270 to 1294 No. 3, from 1458 to 1469
No. 2, from 1424 to 1452 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#	8rd	J55	11'	None	-	-	-	Surface
HIRELOKA OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	123'	60 sacks	Halliburton		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

FOLD MARK

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

TOOLS USED

Rotary tools were used from 0 feet to 1600' 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 D&A _____, 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
Surface	775'	775'	MANCOS SH: Sh, dk gray-blk, some slight silty, trace prismatic calcite, some sh speckled & calcareous
775'	1077'	302'	FERRON SS: Siltstone, dk gray-white, some glauconitic, calcareous., trace fossil frags., some sh., dk gray-blk, slight mica., trace limestone.
1077'	1208'	131'	TUNUNK SH: Sh, dk gray, some silty, slightly carbonaceous.
1208'	1318'	110'	DAKOTA SS: Ss, white to dark gray, some grading to siltstone, interbedded blk carbonaceous sh., traces coal.
1318'	1600' TD	282'	MORRISON FM: Variegated green, red maroon, brown, shales, some silty, some bentonite, some stray sandstone benches., white, med-coarse, poorly sorted with reworked green sh inclusions.

C O P Y

C O P Y

FORM TO TOTAL FEET FORMATION

[OVER]

16-48044-3

FORMATION RECORD - Continued

RECEIVED BY _____ DATE _____
 OFFICE OF THE _____

Carter

THE CARTER OIL COMPANY

Box 591
Vernal, Utah
April 3, 1956

Mr. Cleon B. Feight
Utah Oil and Gas Conservation Commission
Salt Lake City 14, Utah

Dear Sir:

We have received your notice dated March 29, 1956 advising that you had not received a log from us on our Henroid Federal No. 2 in Sec. 35-19S-24E, Grand County, Utah.

Two copies of the log which we filed with the United States Geological Survey were mailed to your office on Nov. 10, 1955 together with copies of all electric logs run.

Yours very truly,


B. M. Bradley
District Supt.

ccj