

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 4-25-57 Location Inspected _____
 OW _____ W.W. _____ TA _____ Bond Returned _____
 GW _____ OS _____ P.A. State of Fee Land _____

LOGS FILED

Driller's Log 4-29-57

Electric Logs (No.) 5

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

Lat. Mi-L Sonic _____ Others Barrel well logging services
Section gauge

Scout Report sent out
 Noted in the NID File
 Location map pinned
 Approval or Disapproval Letter IN UNIT

Date Completed, P. & A. or operations suspended 3-25-57

Pin changed on location map
 Affidavit and Record of A & P
 Water Shut-Off Test
 Gas-Oil Ratio Test
 Well Log Filed

December 19, 1956

File

Carter Oil Company
Box 472
Vernal, Utah

Gentlemen:

It has come to the attention of this office that you intend to drill Well No. 2 Bluff Bench Unit in the NE SW of Section 5, Township 39 South, Range 22 East, SLM, San Juan County, Utah.

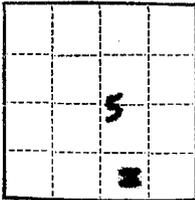
Prior to spudding in, please forward a notice of intention to drill to this office for approval.

Yours very truly,

OIL & GAS CONSERVATION
COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:en



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SIC**
Lease No. _____
Unit **Staff Branch**

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)

December 21, 1956

19

Staff Branch

Well No. **2** is located **720** ft. from **N** line and **1900** ft. from **E** line of sec. **5**

SW SE Sec 5
(1/4 Sec. and Sec. No.)

39N
(Twp.)

R2E
(Range)

61W
(Meridian)

Staff Branch WC
(Field)

San Juan
(County or Subdivision)

Utah
(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)

Rotary drilling equipment will be used to drill to approximately 6050' to test the Paradox formation.
Surface casing: It is intended to drill to approx 1800' if no heavy water flows are encountered 700' of 12-3/4" OD 55 & J55 as casing will be set and cemented to the surface - if heavy water flows are encountered 1800' of 12-3/4" casing will be set and cemented to surface. Oil strings: 7" OD 23' J55 as casing as required. Mud programs: Native mud to approx 3500' and then convert to gyp base mud to TD. Drill stem tests: All oil and gas shows will be tested. Logs - electric logs etc will be run before setting casing or abandonment. A mud logging unit may be employed. Stimulation treatments such as hydraulic fracturing or acidizing may be employed in completion.

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 472**

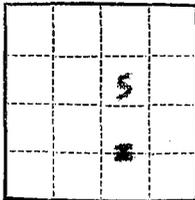
Verona, Utah

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

By _____

B M Bradley

Title **District Superintendent**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office SLC
067704
Lease No. Bluff Beach
Unit

*7677
067704
2-18-57*

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Report of Setting Surface Casing</u>	<u>X</u>

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

February 6, 1957

19

Bluff Beach
Well No. 2 is located 720 ft. from N line and 1900 ft. from E line of sec. 5
SW SE Sec. 5 306 22E SLM
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bluff Beach WC San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 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)

1-14

Run 50' of 1 1/2" spiral weld slip joint, conductor pipe set @ 85'. Cemented with 85 sacks regular cement.

1-25

Run 27 joints 10-3/4" 41.5# J-55 - 829' and 29 joints 10-3/4" 32.75# B-40 902 for 1731' total set 1749. Scratchers 1749-35 1730-20 1715-1710 - Centralizers 1726 and 1636. Rotated 15 minute pipe stack. Cement with 1275 sacks with 1/4" chemical/sacks and 3 gal. 50 sacks cement with 25 Calcium Chloride, total 1325 sacks. Good Returns. Comp. 7:30 p.m. 1-25-57.

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 472
Vernal, Utah
By COPY (ORIGINAL SIGNED) B. M. BRADLEY
B. M. Bradley
Title District Superintendent

	5	
		X

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office SLC
Lease No. 067704
Unit Bluff Bench

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)

March 19, 1957, 19

Bluff Bench

Well No. 2 is located 720 ft. from S line and 1900 ft. from E line of sec. 5

SW SE Sec 5
(¼ Sec. and Sec. No.)

39S 22E
(Twp.) (Range)

SLM
(Meridian)

Bluff Bench WC
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

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

DST #1 - 3-15-57 - TD 5759', packer at 5705', Tool open 2 hours, shut in 30 minutes, weak initial blow dead in 1-1/2 hours, recovered 75' drilling fluid, no show.
IFP 31#, FFP 65#, SIP 95#, HP 3280#.

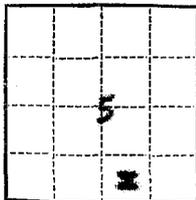
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 472
Vernal, Utah

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

By B M Bradley
Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office SIC
Lease No. 067704
Unit Bluff Bench

*Noted
C.A.K.
4-29-57*

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Report of Drill Stem Test</u>	<u>X</u>

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

April 18, 1957, 19

Bluff Bench Unit

Well No. 2 is located 720 ft. from SW line and 1200 ft. from E line of sec. 5

SW SE Section 5
(¼ Sec. and Sec. No.)

395
(Twp.)

22E
(Range)

S1M
(Meridian)

Bluff Bench WC
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4784 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)

**DST #2 - TD 5911' packer at 5858' - Tool open 2 hours shut in 30 minutes.
Weak initial blow dead in 15 minutes, recovered 30' slightly salt out mud,
no show, no gas to surface. IFF 0, FFP 0, SIP 0, IHP 3285, FHP 3285.**

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

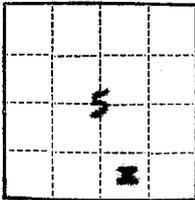
Address Box 444

Durango, Colorado

COPY ORIGINAL SIGNED **EGON ROHR**

By Egon Rohr

Title District Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office SIC
Lease No. 067704
Unit Bluff Bench

*Noted
Case
4-29-57*

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<input checked="" type="checkbox"/>		

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

April 18, 1957

19

Bluff Bench Unit

Well No. 2 is located 720 ft. from SW line and 1900 ft. from E line of sec. 5

SW SE Section 5
(¼ Sec. and Sec. No.)

396
(Twp.)

22E
(Range)

SLM
(Meridian)

Bluff Bench WC
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4764 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)

It is intended to plug and abandon well as follows: - TD 5,980'

- Place cement plugs as follows: 25 sacks - 5788-5728'
- 25 sacks - 4724-4664'
- 25 sacks - 2620-2560'
- 45 sacks - 1819-1719'
- 17 sacks - 30' - surface

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

Verbal approval for above from D F Ansell to Harold Farris 3-25-57.

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 444

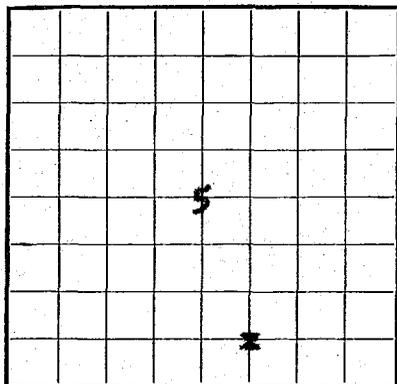
Durango, Colorado

COPY (ORIGINAL SIGNED) B. M. BRADLEY

By B M Bradley

Title District Superintendent

U. S. LAND OFFICE SIC
SERIAL NUMBER 067701
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Carter Oil Company Address Box 144, Durango, Colorado
Lessor or Tract Bluff Bench Unit Field Bluff Bench WC State Utah
Well No. 2 Sec. 5 T. 39S R. 22E Meridian S14 County San Juan
Location 720 ft. ^[N.]_[S.] of S Line and 1900 ft. ^[E.]_[W.] of E Line of Section 5 Elevation 4724'
(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) CHAS. C. JOHNSON

Date April 25, 1957 Title District Chief Clerk

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

Commenced drilling Jan 7, 1957, 19... Finished drilling March 25, 1957, 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 162 to 207 No. 3, from 900 to 1283
No. 2, from 280 to 299 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>16"</u>	<u>53.1</u>	<u>slip jt</u>	<u>Araco</u>	<u>80'</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Conductor</u>
<u>10-3/4"</u>	<u>10.5</u>	<u>8rd</u>	<u>J-55</u>	<u>806'</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Surface</u>
<u>10-3/4"</u>	<u>32.75</u>	<u>8rd</u>	<u>H-10</u>	<u>911</u>	<u>Baker</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>16"</u>	<u>85'</u>	<u>85</u>	<u>Halliburton</u>		
<u>10-3/4"</u>	<u>1709</u>	<u>1325</u>	<u>Halliburton</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

15

MUDDING AND CEMENTING RECORD

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	85'	85	Halliburton		
10-3/4"	1749'	1325	Halliburton		

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 _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 None

DATES

_____, 19____ Put to producing _____, 19____
 D & A 3-25-57
 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

Don Turner _____, Driller D W Nisac _____, Driller
 D F Nisac _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	207'	207	Morrison: Interbedded sandstone and shale
207	670'	463	Summerville: Red siltstone and shale
670	788'	118	Entrada: Argillaceous sandstone
788	900'	112	Carnal: Red shale
900	1283'	383	Navajo: White sandstone
1283	1457'	174'	Keyenta: Interbedded sandstone and shale
1457	1740'	283	Wingate: Pink sandstone
1740	2590'	850	Chinle: Variegated shale
2590	2656'	66	Moenkopi: Soft purple shale
2656	4691'	2035	Cutler: Siltstone and shale
4691	5754'	1063	Herrassa: Limestone, sandstone and shale
5754	5980'	226	Paradox: Limestone, shale, salt and anhydrite

WELL PAID 8-9-57
 PER CALL TO BLM
 4-25-91
 ULC

APR 2 1957