

Scout Report sent out
 Noted in the NID File
 Location map pinned
 Approval or Disapproval Letter
 Date Completed, P. & A. or
 operations suspended
 Pin changed on location map
 Affidavit and Record of A & P
 Water Shut-Off Test
 Gas-Oil Ratio Test
 Well Log Filed

IN UNIT

7-8-57

FILE NOTATIONS

Entered in NID File	<u>✓</u>	Checked by Chief	<u>✓</u>
Entered On S & R Sheet	<u>✓</u>	Copy NID to Field Office	<u>✓</u>
Location Map Pinned	<u>✓</u>	Approval Letter	<u>✓</u>
Card Indexed	<u>✓</u>	Disapproval Letter	_____
IWR for State or Fee Land	_____		

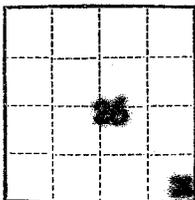
COMPLETION DATA:

Date Well Completed	<u>7-8-57</u>	Location Inspected	_____
OW	VW	TA	_____
GW	OS	PA	<u>✓</u>
		Bond released	_____
		State of Fee Land	_____

LOGS FILED

Driller's Log 8-12-57
 Electric Logs (No.) 3
 E _____ I _____ E-I _____ GR _____ GR-N ✓ Micro _____
 Lat ✓ Mi-L ✓ Sonic _____ Others _____

Subsequent Report of Abandonment



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Bluff

Lease No. _____

Unit Bluff South

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)

Well No. Bluff South is located 355 ft. from N line and 500 ft. from E line of sec. 26
24 Sec. and Sec. 25 (Town) 30 (Range) 115 (Meridian)
Bluff South NE (County Section) Bluff (State Territory)

The elevation of the derrick floor above sea level is _____ ft. 1552 Degraded

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 600' to test the Paradox formation.
 Surface casing: It is intended to drill to approx 1800' if no heavy water flows are encountered 700' of 10-3/4" OD N140 & 255 ss casing will be set and cemented to the surface - if heavy water flows are encountered 1800' of 10-3/4" casing will be set and cemented to surface. Oil strings: 7" OD 2 3/4" 255 ss casing as required.
 Mud program: Native mud to approx 3500' and then convert to gyp base mud to 20'.
 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 116

Deming, Colorado

By COPY (ORIGINAL SIGNED) B. M. BRADLEY

Title D. M. Bradley District Superintendent

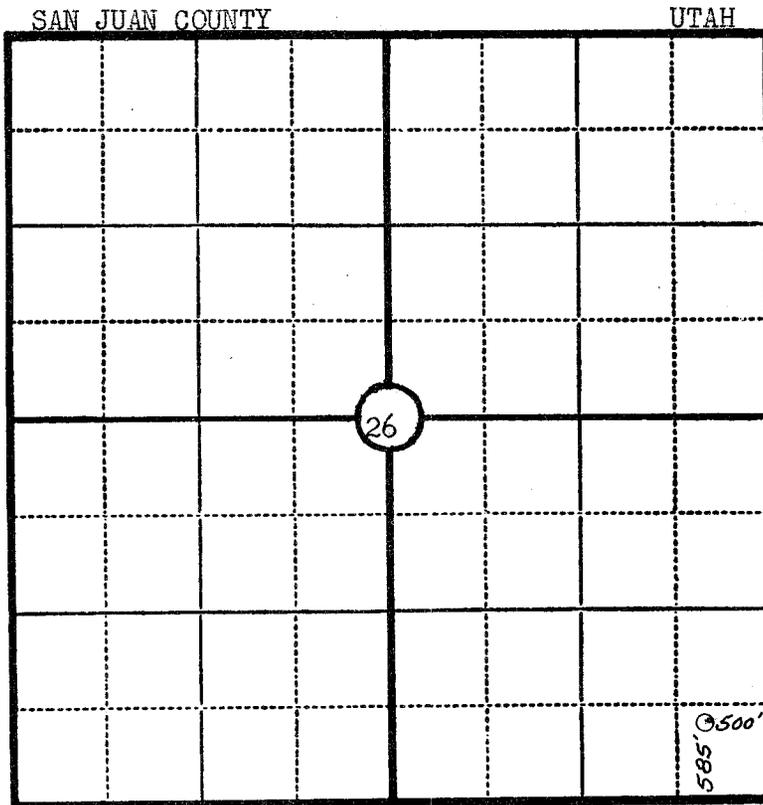
Company THE CARTER OIL COMPANY

Lease Well No.

Sec. 26, T. 39. SOUTH, R. 22 EAST, S.L.M.

Location 585' from the SOUTH LINE and 500' from the EAST LINE

Elevation 4552.0 UNGRADED



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 1 MAY, 1957

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

May 13, 1957

The Carter Oil Company
Box 444
Durango, Colorado

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Bluff Bench 3, which is to be located 585 feet from the south line and 500 feet from the east line of Section 26, Township 39 South, Range 22 East, SLBM, San Juan County, Utah.

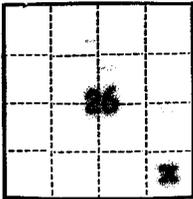
In view of the fact that the proposed location is within a unit, and a copy of the Bluff Bench Unit Agreement is on file with this office, under Rule A-3, approval of the Commission to drill this well is not required.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
SECRETARY

CBF:en



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office SIG
Lease No. 067692
Unit _____

*Noted
@ C&H
8-14-57*

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 Casing</u>	<u>X</u>

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

August 7, 1957, 19

Bluff Beach

Well No. 2 is located 505 ft. from S line and 500 ft. from E line of sec. 26

SE SE Sec 26 39S 22E S1M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bluff Beach 10 San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. 4552' 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)

Spudded 5-21-57.
On 5-21-57: Ran 91' of 14" OD 65# H-40 galv conductor pipe, set at 90' and cemented with 200 sacks cement with 2% CaCl.
On 5-29-57: Ran 863' of 10-3/4" OD 32.75# H-40 casing and 535' of 10-3/4" OD 40.5# J-55 galv casing - set at 1421' BH and cemented with 985 sacks regular cement w/ 2% sol and 1/4# Floccin per sack and 75 sacks cement with 2% CaCl, maximum pressure 1000#, cement circulated OK.

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
By B. M. BRADLEY
B. M. Bradley
Title District Superintendent

	26	
		X

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office SLC
Lease No. 067692
Unit Notes
Coat

8-14-57

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.....	Report of Drill Stem Test.....	X

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

August 7, 1957, 19

Bluff Bench
Well No. 3 is located 585 ft. from N line and 500 ft. from E line of sec. 26
S
SE SE Section 26 39S 22E SIM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bluff Bench WC San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. 4552' 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)

- 6-28-57: DST #1 - TD 5480' packer set at 5388', tool open 2 hrs, weak blow dead in 10 minutes, bypass tool - weak blow dead in 15 minutes. Recovered 10' drilling fluid. IHP 50#, FFP 50#, ISIP for 20 minutes 50#, FSIP for 30 minutes 60#, IHP 2985#, FHP 2975#.
- 7-1-57: DST #2 - TD 5661' packer set at 5630', tool open 4 hrs, fair blow increased to good blow in 1½ hrs continued through test. Recovered 70' oil & gas cut mud. ISIP 20 minutes 135#, FSIP 30 minutes 115#, IHP 50#, FFP 60#, IHP 3001#, FHP 3001#.
- 7-3-57: DST #3 - TD 5696' packer set at 5628', tool open 2 hours, very weak initial blow, dead in 10 minutes; bypass tool weak blow dead in 15 minutes, recovered 107' slightly gas cut mud. ISIP for 20 minutes 110#, FSIP for 30 minutes 170#, IHP 95#, FFP 135#, IHP 3010#, FHP 3050#.

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
By B. M. Bradley
Title District Superintendent

COPY (ORIGINAL SIGNED) B. M. BRADLEY

	26		
			X

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office SLC
Lease No. 067692
Unit _____

*Noted
Carter
8-19-57*

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.....	
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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.....	X		

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

August 8, 1957, 19

Bluff Bench
Well No. 3 is located 585 ft. from ~~INT~~ S line and 500 ft. from ~~SW~~ E line of sec. 26
SE SE Section 26 39S 22E S1M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bluff Bench WC San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4563 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)

TD 5754'

It is intended to plug and abandon well as follows:

Cement plugs: 25 sacks 5555-5405'
25 sacks 4413'-4353'
25 sacks 2400'-2340'
50 sacks 1471'-1371'
17 sacks 30' to surface.

Intervals between plugs to be filled with drilling mud, to erect a 4" dry hole marker extending 4' above ground level. Clean location and fill pits.

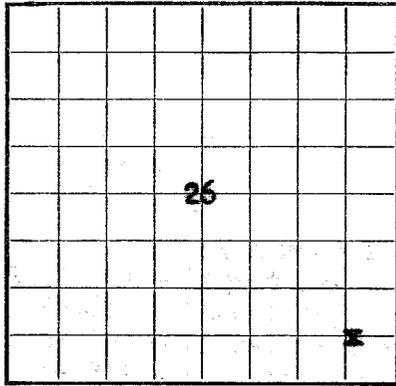
Verbal approval for above from Mr. D.F. Russell to H.F. Farris 7-5-57.

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
By B. M. BRADLEY
Title District Superintendent

15

U. S. LAND OFFICE **SLC**
SERIAL NUMBER **067692**
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Handwritten notes: 26, 8-11-57

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Carter Oil Company Address Box 144, Durango, Colorado
Lessor or Tract Bluff Bench Unit Field Bluff Bench WC State Utah
Well No. 3 Sec. 26 T. 39S R. 22E Meridian SLM County San Juan
Location 585 ft. ^{N.} of S Line and 500 ft. ^{W.} of E Line of Section 26 Elevation 4563
(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 August 8, 1957 Title District Superintendent

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

Commenced drilling 5-21-57, 19... Finished drilling 7-8-57, 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 450 to 650 No. 3, from _____ to _____
No. 2, from 800 to 1000 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—	
16"	65	8rd	H-10	91'	None	-			Conductor
10-3/4"	32.75	8rd	H-10	883'	-	-			Surface
10-3/4"	40.5	8rd	J-55	535'	Baker	-			Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	90'	200	Halliburton		
10-3/4"	1121'	1000	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

FOLD MARK

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 5,754 feet, and from _____ feet to _____ feet
 Cable tools were used from None feet to _____ feet, and from _____ feet to _____ feet

DATES

D & A 7-8-57, 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

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

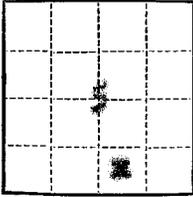
FROM—	TO—	TOTAL FEET	FORMATION
0	455	455	Bluff Sandstone & Summerville Formation
455	605	150	Entrada - Sand & siltstone
605	645	40	Carmel - Siltstone
645	1145	500	Navajo, Kayenta & Wingate
1145	2380	1235	Orinle & Moenkopi - Shale & sandstone
2380	2615	235	Hoskinini & DeChelly - Sandstone
2615	4380	1765	Organ Rock & Rico - Sand, shale & limestone
4380	4870	490	Virgil - Limestone
4870	5100	230	Missourian - Limestone
5100	5754	654	Des Moines - Limestone, shale & chert

(OVER)

16-43094-4

FORMATION RECORD - CONTINUED

004085
 016



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office BLC
Lease No. 067704
Unit Bluff Bench

*Noted
Cott
8-14-57*

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.....	

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

August 9, 1957

Bluff Bench Unit
Well No. 2 is located 720 ft. from S line and 1900 ft. from E line of sec. 5
34 34 Section 5 39S 27E S1M
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bluff Bench NC San Juan Utah
(Field) (County or Subdivision) (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)

Well plugged and abandoned as follows:

- Placed cement plugs - 25 sacks - 5788-5728'
- 25 sacks - 4721-4664'
- 25 sacks - 2680-2560'
- 45 sacks - 1819-1719'
- 17 sacks - 30' to surface

Erected 4" dry hole marker, filled pits and cleaned location.
Ready for inspection.

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

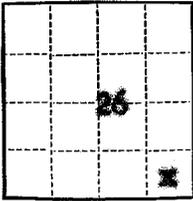
Address Box 444

Durango, Colorado

COPY (ORIGINAL SIGNED) D. M. BRADLEY

By D. M. Bradley

Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office SIC
Lease No. 067692
Unit _____

71-K
2-17

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.....	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)

February 3, 1958, 19__

Bluff Bench
Well No. 3 is located 585 ft. from S line and 500 ft. from E line of sec. 26
SE 26 Section 26 39S 22E SLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bluff Bench WC San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4563 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)

TD - 575h' - Well plugged and abandoned as follows:
Cement plugs - 25 sacks 5955-6095'
25 sacks 4413-4353'
25 sacks 2400-2340'
50 sacks 1471-1371'
17 sacks 30' to surface

Intervals between plugs filled with drilling mud. Erected a 4" dry hole marker extending 4' above ground level. Filled pits and cleaned location, ready for inspection.

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 3082
Durango, Colorado

By B M Bradley
Title District Superintendent

W