

FILE NOTATIONS

Entered in NID File ✓

Checked by Chief _____

Entered On S R Sheet _____

Copy NID to Field Office _____

Location Map Pinned _____

Approval Letter _____

Card Indexed ✓

Disapproval Letter _____

I W R for State or Fee Land _____

COMPLETION DATA:

Date Well Completed 12-15-57

Location Inspected _____

OW X WW _____ TA _____

Bond released _____

GW _____ OS _____ PA _____

State of Fee Land _____

LOGS FILED

Driller's Log 1-27-58

Electric Logs (No.) 2

E _____ I _____ E-I ✓ GR _____ GR-N _____ Micro ✓

Lat _____ Mi-L _____ Sonic _____ Others Radiation

Plugged

FILE NOTATIONS

Entered in NID File _____

Checked by Chief _____

Entered On S R Sheet _____

Copy NID to Field Office _____

Location Map Pinned _____

Approval Letter _____

Card Indexed _____

Disapproval Letter _____

I W R for State or Fee Land _____

COMPLETION DATA:

Date Well Completed 1-14-59

Location Inspected _____

OW _____ WW _____ TA _____

Bond released _____

GW _____ OS _____ PA X

State of Fee Land _____

LOGS FILED

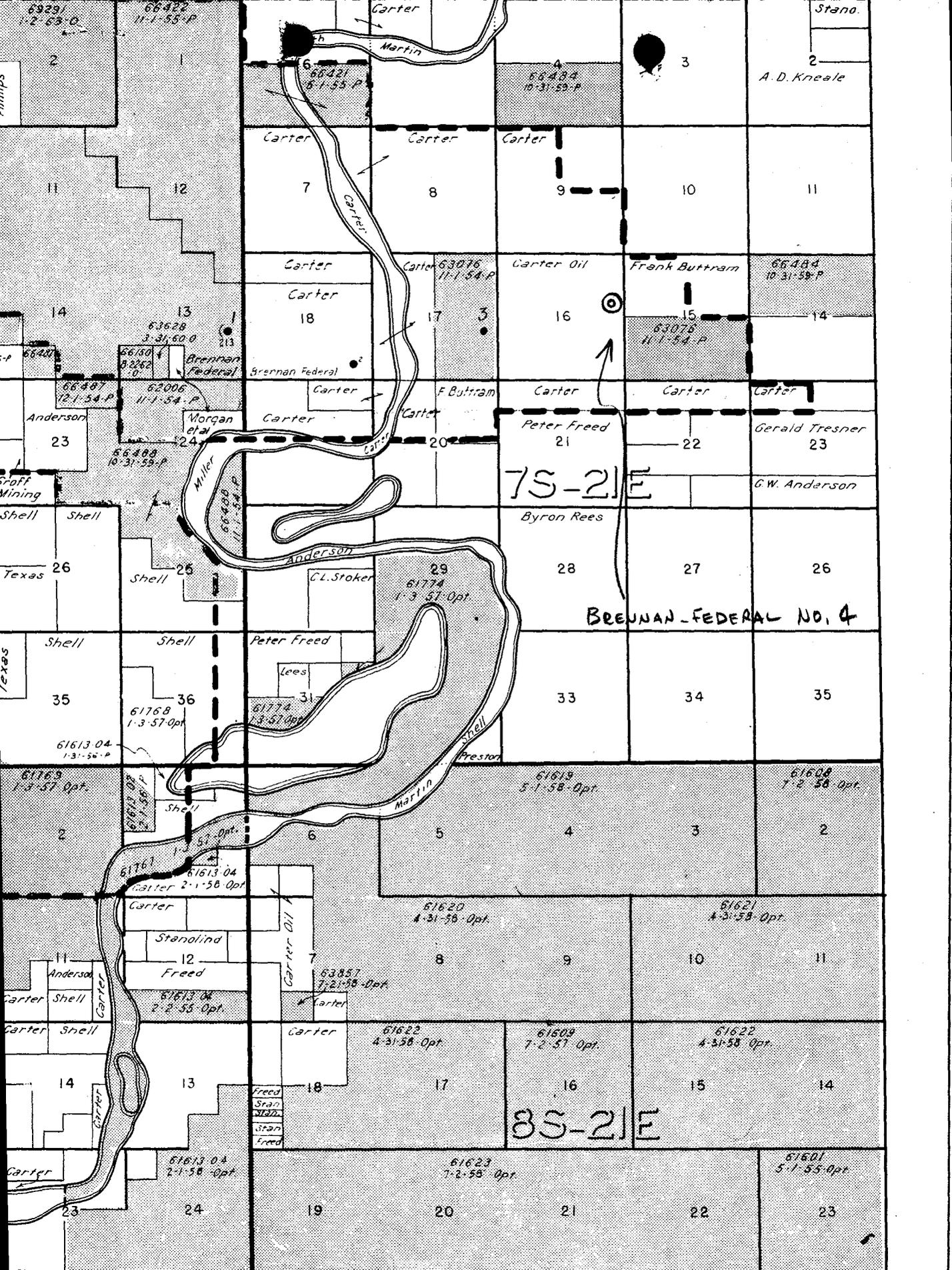
Driller's Log 1-27-58

Electric Logs (No.) 3

E _____ I _____ E-I ✓ GR _____ GR-N _____ Micro ✓

Lat _____ Mi-L _____ Sonic _____ Others Radiation Log

Subsequent Report of Abandonment



Stano.

6329/ 1-2-63-O

66422 11-1-55-P

66484 10-31-59-P

A. D. Kneale

Carter

Carter

Carter

Carter

Carter

Carter Oil

Frank Buttram

66484 10-31-59-P

63628 3-31-60-O

66180 8-22-52-O

62006 11-1-54-P

Brennan Federal

Brennan Federal

63076 11-1-54-P

63076 11-1-54-P

Carter

Carter

F Buttram

Carter

Carter

Carter

Carter

Carter

Peter Freed

Carter

Gerald Tresner

66488 10-31-59-P

Morgan et al

Carter

Carter

75-21E

Byron Rees

G.W. Anderson

66488 10-31-59-P

Shell

GL. Stoker

61774 1-3-57-Opt.

BRENNAN-FEDERAL NO. 4

Shell

Shell

Peter Freed

Lees

61774 1-3-57-Opt.

33

34

35

Shell

Shell

61768 1-3-57-Opt.

61613 5-1-58-Opt.

61608 7-2-58-Opt.

61613 04 1-31-56-P

Shell

61774 1-3-57-Opt.

61761 1-3-57-Opt.

5

4

3

2

61763 1-3-57-Opt.

Shell

61613 04 1-31-56-P

61613 04 1-31-58-Opt.

61620 4-31-58-Opt.

61621 4-31-58-Opt.

61761 1-3-57-Opt.

Shell

61613 04 1-31-58-Opt.

Carter 2-1-58-Opt.

8

9

10

11

61761 1-3-57-Opt.

Carter

Standlind

Freed

61622 4-31-58-Opt.

61609 7-2-57-Opt.

61622 4-31-58-Opt.

61761 1-3-57-Opt.

Carter

Carter Oil

63857 7-21-58-Opt.

17

16

15

14

61761 1-3-57-Opt.

Carter

61613 04 2-2-55-Opt.

Carter

85-21E

61761 1-3-57-Opt.

Carter

61613 04 2-2-55-Opt.

Carter

61623 7-2-55-Opt.

61601 5-1-55-Opt.

61761 1-3-57-Opt.

Carter

61613 04 2-1-58-Opt.

Carter

20

21

22

23

61761 1-3-57-Opt.

Carter

61613 04 2-1-58-Opt.

Carter

(SUBMIT IN TRIPLICATE)

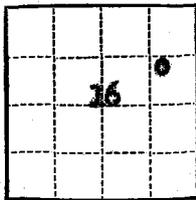
Land Office

Lease No.

Unit Brennan Bottom

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

State of Utah Lease ML-3067



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)

July 26, 1957

Well No. 4 is located 1980 ft. from $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$ line and 660 ft. from $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$ line of sec. 16

SE/4 NE/4 of Section 16 7 South 21 East S1M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Brennan Bottom Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is - - - - ft. (Will furnish later)

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)

Brennan-Federal No. 4

It is proposed to drill a development well to test the Green River formation to an approximate total depth of 7100'. Approximately 300' of 10-3/4" OD surface casing will be set and cemented to surface. If commercial production is encountered, 7" OD production casing will be set and cemented at approximately 7100'. All possible producing horizons will be adequately cored and/or tested.

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

Company Gulf Oil Corporation

Address Production Department

P. O. Box 2097

Denver, Colorado

By ORIGINAL SIGNED BY
W. D. MITCHELL

Title Zone Drilling Engineer

July 29, 1957

Re: ML 3067

State Land Board
Room 105, State Capitol
Salt Lake City, Utah

Gentlemen:

Notice has been given to this office that Gulf Oil Corporation intends to drill Well No. Brennan-Federal 4, on Section 16, Township 7 South, Range 21 East, SLBM, Uintah County.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
SECRETARY

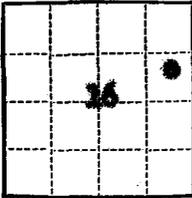
CRF:en

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPPLICATE)

Land Office _____

Lease No. _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Unit Bremman Bottom
State of Utah Lease HL-3067

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL (CORRECTIONS)	<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)

*Corrects footage measurements shown on Sundry Notice dated 7-26-57. August 19, 1957

Well No. 4 is located 2047 ft. from $\left\{ \begin{matrix} N \\ E \end{matrix} \right\}$ line and 660 ft. from $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$ line of sec. 16
SE 1/4 NE 1/4 of Section 16 7 South 21 East S. L. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bremman Bottom Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is - - ft. (Will furnish later)

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)

Gulf Designation: Bremman-Federal No. 4

It is proposed to drill a development well to test the Green River formation to an approximate total depth of 7100'. Approximately 300' of 10-3/4" OD surface casing will be set and cemented to surface. If commercial production is encountered, 7" OD production casing will be set and cemented at approximately 7100'. All possible producing horizons will be adequately cored and/or tested.

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

Company Gulf Oil Corporation
 Address Production Department
P. O. Box 2097
Denver, Colorado
 By [Signature]
 Title Asst. Zone Prod. Supt.

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

1-27-58

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Gulf Oil Corporation Address P. O. Box 1010, Casper, Wyoming
 Lessor or Tract Brennan-Federal Field Brennan Bottoms State Utah
 Well No. 4 Sec. 16 T. 7S R. 21E Meridian SL County Uintah
 Location 2047 ft. N of S. Line and 660 ft. EX of E Line of Section 16 KB Elevation 4821'
(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.

Date January 22, 1958 Signed Robert L. Bayouk Title Area Production Superintendent

The summary on this page is for the condition of the well at above date.
 Commenced drilling August 17, 1957 Finished drilling October 2, 1957

OIL OR GAS SANDS OR ZONES
 (Denote gas by G)

No. 1, from <u>6752</u> to <u>6770</u>	No. 4, from <u>6700</u> to <u>6715</u>
No. 2, from <u>6728</u> to <u>6738</u>	No. 5, from <u>6592</u> to <u>6606</u>
No. 3, from <u>6504</u> to <u>6513</u>	No. 6, from <u>6574</u> to <u>6580</u>
<u>6463</u>	<u>6471</u>

IMPORTANT WATER SANDS

No. 1, from _____ 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-	
10-3/4"	32.75#	8RD	A&B	300'	Baker	-	-	-	Surface
7"	69.43	8RD	A	225'	Baker	6752	6770	6770	Production
						6728	6738	6738	Production
						6700	6715	6715	Production
						6592	6606	6606	Production
						6574	6580	6580	Production
						6504	6513	6513	Production
						6463	6471	6471	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	316	225	HOWCO	-	-
7"	6943	225	HOWCO	-	-

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 Surface feet to 7068 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January _____, 1958 Put to producing December 15 _____, 1957

The production for the first 24 hours was 37 barrels of fluid of which 25 % was oil; _____ % emulsion; 75 % 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

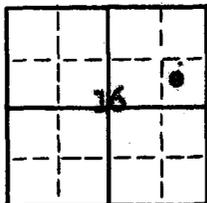
FROM-	TO-	TOTAL FEET	FORMATION
Surface	2990'	2990'	Uinta
2990'	6780'	3800'	Green River
6790'	TD	278'	Wasatch
No cores or drill stem tests taken.			
Perforated	6752' - 70')	Treated by Dowell with 10,000 gallons #5 burner fuel,	
	6728' - 38')	cut 10% with #2 and 10,000# sand. Acidized with	
	6700' - 15')	10,000 gallons XFW.	
	6592' - 06')	Treated with 5000 gallons #5 burner fuel and 5000#	
	6574' - 80')	sand. Acidized with 5000 gallons XFW.	
	6504' - 13')	Treated with 5000 gallons #5 burner fuel and 5000#	
	6463' - 71')	sand. Acidized with 5000 gallons XFW.	
Work Subsequent to Drilling:			
Acidized with 10,000 gallons XM-38 by Dowell			
Before "P" 8 bopd, 13 bwpd			
After "P" 8 bopd, 13 bwpd			
JAN 2 1958			
FROM-	TO-	TOTAL FEET	FORMATION

[OVER]

FORMATION RECORD - Continued

W

JAN 2 1958



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
State
Lease No. ML-3067
Public Domain
Lease No.
Indian
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input type="checkbox"/>	Subsequent Report of Water Shut-off.....	<input type="checkbox"/>
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	<input type="checkbox"/>
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	<input type="checkbox"/>
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	<input type="checkbox"/>
Notice of Intention to Abandon Well.....	<input checked="" type="checkbox"/>		

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

December 16, 19 58

Well No. 4 is located 2047 ft. from ~~XX~~^(N) line and 660 ft. from ~~XX~~^(E) line of Sec. 16

SE/4 NE/4 of Sec 16 7S 21E S1M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Brennan Bottom San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~rock surface~~ kelly bushing above sea level is 4821 feet.

A drilling and plugging bond has been filed with Blanket Bond

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 work, surface formation, and date anticipate spudding-in.)

Gulf Designation: Brennan-Federal No. 4

Casing Record: 10-3/4" at 316' w/225 sx cement.
7" at 6943' w/225 sx cement.
Perforations: 6463'-6770'
PBITD 6908'
TD 7068'

Propose to plug well as follows:

1. Set CI bridging plug at 6450'. Place 1 sx cement on top of bridging plug, plug back to 6445'. Fill casing with heavy mud-laden fluid.
2. Run free point indicator, cut off 7" casing, pull 7" casing.
3. Spot 30 sx cement in top of 7" casing stub.
(Continued on other side)

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

Company Gulf Oil Corporation
Address Production Department
P. O. Box 3313
Durango, Colorado
By W. D. MITCHELL
Title Area Production Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

W

MEMORANDUM FOR FILE
December 22, 1958

RE: Gulf Oil Company
Well #4, Federal Land
Notice of Intention to Plug
and Abandon

86⁴ NE4 Sec 16-750-21E

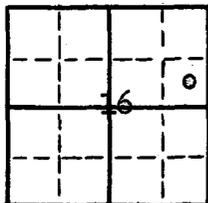
Pursuant to C. B. Feight's phone call to me at the Red Rocks Motel on December 17, the following program for plugging was verbally approved:

This program, submitted earlier that day by Mr. W. D. Mitchell, Production Superintendent at Durango, Colorado, proposed that a cast-iron plug bridge be placed at 6450 and the first cement plug of 30 sacks be placed on top of the stub of the 7" casing, and that a 10-sack cement plug be set at the surface, in which the 4" regulation marker would be erected.

In my conversation with Mr. Mitchell the following day, we agreed that when the 7" was parted in the plugging process, if more than 2000' of 7" could be recovered, that an additional 30-sack plug would be spotted on the top of the 7" casing in order to form a barrier in the excessively long mud column. This was agreed to by Mr. Mitchell and myself, and a subsequent report of abandonment will be submitted after completion of the plugging job, in which all details of the plugging work will be shown.


C. Hauptmann, Pet. Engineer

CH/cp



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
 State.....
 Lease No. ML-3067.....
 Public Domain.....
 Lease No.
 Indian.....
 Lease No.

21/4
1-23-57

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 Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....		Subsequent Report of Abandonment.....	X

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

Well No. 4 is located 2047 ft. from {N} line and 660 ft. from {E} line of Sec. 16
~~{S}~~ ~~{W}~~
 SE/4 NE/4 of Sec 16 7S 21E 19.59
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
 Brennan Bottom Uintah Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the ~~corner~~ ^{kelly bushing} above sea level is 4821 feet.

A drilling and plugging bond has been filed with Blanket Bond.

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 work, surface formation, and date anticipate spudding-in.)

Gulf Designation: Brennan-Federal No. 4
 Verbal approval to plug received from OGCC 12-18-58.
 Plugged well as follows:

1. Set CI bridging plug at 6420'
2. Filled casing w/heavy mud-laden fluid.
3. Ran free point indicator, cut off 7" casing at 4700', pulled 7" casing.
4. Spotted 30 sx cement in top of 7" casing stub.
5. Spotted 25 sx cement at 3000'.
6. Spotted 30 sx cement in bottom of 10-3/4" surface casing. (290'-350')
7. Capped surface casing w/10 sx cement, erected abandonment marker. Plugging complete 1-14-59.

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

Company Gulf Oil Corporation
 Address Production Department
P. O. Box 3313
Durango, Colorado
 By [Signature]
 Title Area Production Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.