

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

Date Completed, P. & A, or
 operations suspended

2-15-56

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

FILE NOTATIONS

Entered in NID File
 Entered On S R Sheet
 Location Map Pinned
 Card Indexed
 IVE by State or Fed Land

Checked by Chief
 Copy NID to Field Office
 Approval Letter
 Disapproval Letter

DATE OF VISIT
 Date Well Drilled 2-14-56
 CW _____ TA _____
 CW _____ CS _____ EA _____

Location Drilled
 Don't record
 State of Fee Land

Drilled by _____
 Checked by _____
 IE II _____ III _____
 I-IL _____ GR _____
 I-LL _____ S-IL _____
 I-LL _____ S-IL _____

GRAN _____ Micro
 Others Radioactivity Log

FOREST OIL CORPORATION



Denver Club Building, Denver 2, Colorado

November 2, 1955

Oil & Gas Conservation Commission
Room 105
State Capitol Building
Salt Lake City, Utah

Gentlemen:

Transmitted herewith is our Notice of Intention to Drill our Government 31-1 located in NE SE NW Section 31, T-39S, R-15E, S.L.M., San Juan County, Utah.

Because of unfavorable terrain, permission is hereby requested for exception to rule permitting the drilling of this well closer than 500' to the boundary line of a 40 acre location.

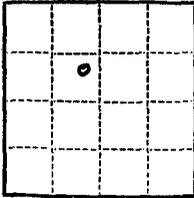
Yours very truly,

FOREST OIL CORPORATION

Carl D. Hanson
fu

Carl D. Hanson
Division Engineer

CDH/sm



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah

Lease No. Salt Lake - 071049

Unit ---

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)

November 2, 1955

Well No. Govt. 31-1 is located 1700 ft. from $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$ line and 2310 ft. from $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$ line of sec. 31

NE SE NW Sec. 31 39S 15E S.L.M.
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ ^{ground} above sea level is 4449 ft. (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)

This well will be a test to the Cambrian at approximately 4100'. A 13-3/8" surface string will be set at approximately 300' and cement will be circulated to the surface. In event of production, a 5-1/2" oil string will be set and cemented with sufficient cement to protect any possible zone of production.

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

Company FOREST OIL CORPORATION

Address 1610 Denver Club Building

Denver, Colorado

By C. D. Hanson

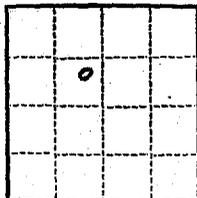
Title Division Engineer

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City, Utah

Lease No. Salt Lake - 071049

Unit ---



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.....	
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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.....			

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

November 2, 1955

Well No. Govt. 31-1 is located 1700 ft. from N line and 2310 ft. from E line of sec. 31

NE SE NW Sec. 31 30S 15E S.I.M.
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ ^{ground} above sea level is 4449 ft. (ungraded)

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Company FOREST OIL CORPORATION

Address 1610 Denver Club Building

Denver, Colorado

By C. D. Hanson

Title Division Engineer

COMPANY Forest Oil Corporation

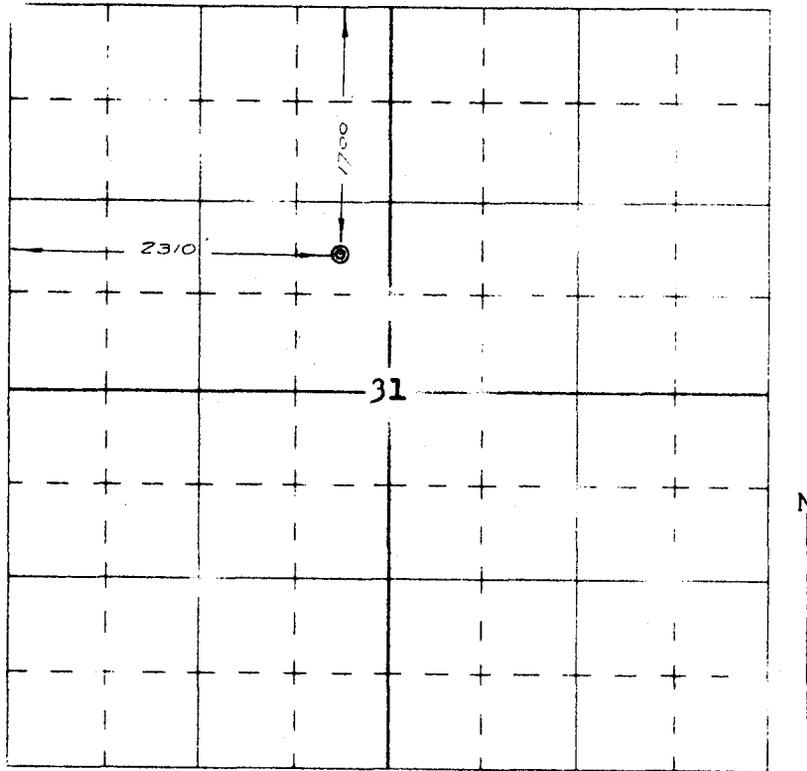
Well Name & No. _____ Lease No. _____

Location 1700' from the North line and 2310' from the West line.

Being in NE 1/4 Sec 31

Sec. 31, T29^S, R15^E, S. 2. N. M. P. M., San Juan County, Utah.

Ground Elevation 4449, ungraded.



Scale -- 4 inches equals 1 mile

Surveyed August 23, 1955

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.

Ernest V. Echoshawk

Ernest V. Echoshawk
Registered Land Surveyor
N. M. Reg. #1545
Practicing in Utah under Laws
regulating Professional Engrs.
and Land Surveyors, Utah Code 1953,
Title 58-10-16



Forest is record owner of entire Section 31 under Federal Lease - Salt Lake #071049.

1320
2640
2316

330
2648
4700

940

1300
940

420



1700
1320
380

~~from~~ line

2310
1320
990

from W line

330' or from E line

of ~~the~~ SE⁴ NW⁴

Memo for the File

Subject: Forest Oil Corp.
~~Caltech Oil Co.~~ -

Notice of Intention to Drill
Well G-31-1

NE SE NW Sec. 31, T39S, R.15E
San Juan Co., Utah.

Inasmuch as the Forest Oil Corp in its letter of Nov. 2, 1955 simply states "unfavorable terrain", as justification for exception of to regular drilling site for its well, it is suggested that more concrete information be requested of the applicant as to unsuitable topography for the well site, or, if any geological condition may exist which will support the above proposed location.

The location, as submitted, lies 380' from N. line and 330' from E. line of the SE⁴ NW⁴ Sec 31, which is not in accord with O. & G. Regs. of Utah.

Charles A. Hauptman.
Petr. Engr.

Nov. 4, 1955.

November 4, 1955

Forrest Oil Corporation
Denver Club Building
Denver 2, Colorado

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Gov. 31-1, which is to be located 1700 feet from the north line and 2310 feet from the west line of Section 31, Township 39 South, Range 15 East, S1M, San Juan County.

Please be advised that before approval can be given for the drilling of this well, it will be necessary for you to furnish more details relative to the unfavorable terrain and to submit a plat containing the information required under Rule C-3 (c), General Rules and Regulations, Utah oil and Gas Conservation Commission.

Yours very truly,

LEE E YOUNG
SECRETARY

JG
cc: D. Russell
Geological Survey
Federal Bldg, City

F O R E S T O I L C O R P O R A T I O N



Denver Club Building, Denver 2, Colorado

November 10, 1955

Mr. Lee E. Young, Secretary
Capitol Building
Oil & Gas Conservation Commission
Salt Lake City 14, Utah

Dear Sir:

Transmitted herewith is a Notice of Intention to Drill our Government 31-1 located in NE SE NW Section 31, Township 39 South, Range 15 East, San Juan County, Utah. Also herewith is a plot showing the exact location.

On the Notice of Intention to Drill we have requested a waiver of the rule permitting the drilling of this well closer than 500' to the boundary line of a 40 acre location. This request was made due to the rocky terrain that made it impossible to rig up a rotary properly.

If there is any additional information you desire we will be more than happy to comply.

Very truly yours,

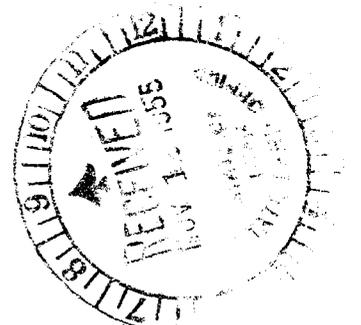
FOREST OIL CORPORATION

C. D. Hanson
Division Engineer

CDH:sm
Enclosures

Memo:

At present we have no way
check the veracity of Mr. Hanson. But,
believing the above is a true statement of
topography, I will "go along" for exception to
spacing. I called Russell of U.S.G.S., who will advise us
later re: well site terrain after a look see on a trip to well.
Nov. 15 1955.
C. Hauptman



STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION
NOTICE OF INTENTION TO DRILL

November 10, 1955

Oil and Gas Conservation Commission;

In compliance with Rule C-4, notice is hereby given that it is our intention to commence the work of drilling well No. Govt. 31-1, which is located 1700 ft from (N) line and 2310 ft from (W) line of NW 1/4 SE 1/4 of Sec. 31, Twp 39S, N 15E, SLM, Wildcat (Meridian) (Field or Unit)

Sau Juan (County) LAND: Fee and Patented. () Name of Owner _____
State _____ () Address _____
Lease No. _____
Public Domain. (x) Lease No. Salt Lake - 071049 Phone _____

Is Location a regular or exception to spacing rules? exception Has surety bond been filed? Yes

With whom? Federal ? Area in drilling Unit _____ elevation of ground above sea level is 4449 ft. All depth measurements taken from top of _____ (Derrick Floor, rotary Table)

Kelley Bushing which is _____ ft above ground. Type of tools to be used Rotary or Kelley Bushing. Proposed Drilling depth 4100 ft. Objective formation Cambrian

PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight per Foot	Grade and Type	Amount Ft. In.	Top Location	Quantity per foot
<u>13-3/8"</u>	<u>48#</u>	<u>H-40</u>	<u>500'</u>		<u>500'</u>
<u>5-1/2"</u>	<u>15.5#</u>	<u>J-55</u>	<u>4100'</u>		<u>4100'</u>

REMARKS (use back of form for additional remarks or info)
Permission is requested to waive rule permitting the drilling of this well closer than 500' to the boundary line of a 40 acre location. The terrain is too rocky to set a rig on properly. Forest Oil is the owner of the entire Section 31 under Federal Lease - Salt Lake - 071049.

I hereby certify under the penalty of perjury, that the information contained and statements herein made are to the best of my knowledge and belief, true, correct and complete.

Approved Under Rule C-3(d) date Nov 15 19 55 By C. D. Hanson
C. D. Hanson
Division Engineer
(Title or Position)
Forest Oil Corporation
(Company or Operator)

By Lee E. Young
Title Secretary
Address 1610 Denver Club Building
Denver, Colorado

- INSTRUCTIONS:
1. Complete this form in duplicate and mail, both copies to the Oil and Gas Conservation Commission, Rm 105, Capitol Bldg., Salt Lake City 14, Utah.
 2. 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.
 3. Any information required by this form that cannot be furnished at the time said form is submitted must be forwarded to the commission as soon as available.

November 15, 1955

AIR MAIL

**Forest Oil Corporation
Denver Club Building
Denver 2, Colorado**

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Government 31-1, which will be located 1700 feet from the North Line and 2310 feet from the West Line of Section 31, Township 39 South, Range 15 East, SIM, San Juan County.

Please be advised that approval is granted to drill this well under Rule C-3 (c), Rules and Regulations, and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission.

very truly yours,

STATE OIL & GAS CONSERVATION COMMISSION

**LEE E YOUNG
SECRETARY**

**cc: Mr D. Russell
Geological Survey
Federal Bldg, City**

FOREST OIL CORPORATION



Denver Club Building, Denver 2, Colorado

July 10, 1956

Oil & Gas Conservation Commission
Room 105, Capitol Building
Salt Lake City 14, Utah

*Noted
C.D.H.
7-16-56*

Attention: Cleon B. Feight

Dear Sir:

Enclosed herewith is completed Form OGCC-2, State of Utah, Oil and Gas Conservation Commission, Affidavit and Record of Abandonment and Plugging and also Radioactivity Log, Microlog and Electric Log for our Government 31-1, Section 31, Township 39 South, Range 15 East, San Juan County, Utah.

If there is any additional information desired please contact us.

Very truly yours,

FOREST OIL CORPORATION

A handwritten signature in cursive script that reads "C. D. Hanson".

C. D. Hanson
Division Engineer

CDH:sm

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION
AFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

PLUGGING METHODS AND PROCEDURE- The methods and procedure for plugging a well shall be as follows: (a) The bottom of the hole shall be filled to, or a bridge shall be placed at, the top of each producing formation open to the well bore, and in either event a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore whenever possible.

(b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet above and below all fresh-water-bearing strata.

(c) A plug shall be placed at or near the surface of the ground in each hole.

(d) The interval between plugs shall be filled with heavy-mud-laden fluid.

(e) The hole shall be plugged with heavy mud up to the base of the surface string, at which point a plug of not less than fifty (50) feet of cement shall be placed.

Field or Pool Wildcat County San Juan

Lease Name Government Well No. 31-1 Sec. 31 Twp. 39S Rge. 15E

Date well was plugged February 16, 19 56.

Was the well plugged according to regulation of the Commission? Approval received by U.S.G.S.

Set out method used in plugging the well, the nature and quantities of materials used in plugging, size of plugs, location and extent (by depths) of the plugs of different materials, and the amount of casing left in hole (giving size, top and bottom elevations of each section of abandoned casing).

Plugged as follows: 3580 to 3505 with 30 sacks cement approximately 75 feet.

1525 to 1450 with 30 sacks cement approximately 75 feet.

270 to 235 with 30 sacks cement approximately 75 feet.

12 to 0 with 5 sacks cement approximately 15 feet.

Set identification marker. 251 feet of 13-3/8" 48# casing

was left in hole. Top of the surface pipe elevation 4486'.

FOREST OIL CORPORATION

(Operator)

1610 Denver Club Bldg.

(address)

Denver, Colorado

Carl D. Hanson

(AFFIDAVIT)

STATE OF ~~UTAH~~ COLORADO

COUNTY OF DENVER

Before me, the undersigned authority, on this day personally appeared CARL D. HANSON, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct. Subscribed and sworn to before me this the 10th day of July 1956.

My Commission Expires: July 25, 1956

Shanda A. Allen
Notary Public in and for Denver County,
State of Colorado.

INSTRUCTIONS: Complete this form in duplicate and mail both copies to Oil and Gas Conservation Commission, Rm 105, Capitol Bldg., Salt Lake City 14, Utah.

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

June 26, 1956

Forrest Oil Corporation
1610 Denver Club Bldg.
Denver, Colorado

Gentlemen:

It has come to the attention of this office that Well No. Gov't 31-1, which was drilled by you on Section 31, Twp. 39 S, Range 15 E, San Juan County, has been completed, plugged and abandoned, or shut down as of about 2/10/56, 1956.

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 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. PEIGHT

CBF:rc

July 26, 1956

Forest Oil Corporation
Denver Club Building
Denver 2, Colorado

Re: Well Gov't 31-1,
Section 31, Township
39 South, Range 15
East, San Juan County

Gentlemen:

This is to acknowledge receipt of form OGGO-2, Affidavit and Record of Abandonment and Plugging, the Radioactivity Log, Microlog and Electric Log for the above mentioned well.

Would you please complete the enclosed form OGCC-3, Log of Oil or Gas Well, in duplicate and return it to this office as soon as possible.

Yours very truly,

CLEON B. FEIGHT
SECRETARY

CBF:co

Print name

Formed all cap 16

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION
LOG OF OIL OR GAS WELL

Well No. Govt 31-1, which is located 1700 ft from (N/E) line and 2310 ft from (E/W) line of Sec 31 Twp 39S, R 15E, SLM (Meridian), Wildcat (Field or Unit), San Juan (County)

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 as of July 31, 19 56 and is to be kept confidential until not confidential, 19 ----- (See Rule C-5).

Drilling operations were (completed)(suspended)(abandoned) on February 14, 19 56

Date: July 31, 19 56 Signed: C. J. Hanson Title: Division Engineer

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

IMPORTANT WATER SANDS OR ZONES

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size of Hole	Size Casing	Weight per ft	Threads per Inch	Make	Amount	Kind of shoe	Cut & Pulled from	Perforated from to	Purpose
17 1/4"	13-3/8"	48#	8 R	J & I	251	Baker			surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number of sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	267 KB	250 sacks	HOWCO		

TOOLS USED

Cable tools were used from _____ to _____ and from _____ to _____
Rotary tools were used from surface to 4100 and from _____ to _____

PRODUCTION

Put to producing _____, 19 _____
OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____ % was oil; _____ % was emulsion; _____ % was water; and _____ % was sediment
Gravity: _____

GAS WELL: The production during the first 24 hours was _____ MCF plus _____ barrels of liquid hydrocarbon. Shut in pressure _____ lbs. Length of time shut in _____

FORMATION RECORD

From	To	Thickness in feet	Formation	From	To	Thickness in feet	Formation
0	755	755	Cedar Mesa	1508	1930	422	"B" Zone
755	1130	375	"R" Datum	1930	2090	120	Paradox
1130	1220	90	Rico	2090	2506	416	Pinkerton-Trail
1220	1508	288	Hermosa	2506	2750	244	Molas

HISTORY OF WELL

(OVER)

<u>FROM</u>	<u>TO</u>	<u>THICKNESS</u>	<u>FORMATION</u>
2750	2910	160	Leadville
2910	3078	168	Madison
3078	3456	378	Ouray
3456	3562	106	Elbert
3562	3807	245	Lynch
3807	4100 TD	299	Bowman-Hartman