(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. [illegible]
Unit

U. S. GEOLOGICAL SURVEY
OCT 22 1947
RECEIVED
SALT LAKE CITY, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	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 REDRILLING 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)

October, 1947

Well No. 1 is located 753 Feet North and 1766 Feet West of the East ft. from [N] [S] line and ft. from [E] [W] line of sec.

Quarter Corner of Section 8.

SW¼NE¼ Sec. 8 (¼ Sec. and Sec. No.) Twp. 22 So. (Twp.) R. 19 East (Range) Salt Lake (Meridian)

Crescent (Field) Grand County (County or Subdivision) State of 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)

SEE ATTACHED SHEET

OCT 27 1947

ORIGINAL FORWARDED TO CASPER

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

Company GRAND COUNTY OIL COMPANY, a partnership

Address Route #1, Box 172, Huntington Beach, California.

By V. B. Walker

Title Partner

U. S. GOVERNMENT PRINTING OFFICE 16—6487-1

Budget Bureau No. [illegible]
Approval expires 11-[illegible]

Form [illegible]
(March [illegible])

Land Office Salt Lake

Lease No. [illegible]

Unit

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NOV 25 1947

ORIGINAL [illegible]

U. S. GEOLOGICAL SURVEY
[illegible] DIV.
NOV 24 1947
RECEIVED
SALT LAKE CITY, UTAH

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 PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

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

November 15, 1947

Well No. 1 is located [illegible] ft. from [illegible] line and [illegible] ft. from [illegible] line of sec. [illegible]

[illegible] (¼ Sec. and Sec. No.) 22 SO. R (Twp.) (Range) 19East Salt Lake (Meridian)

Crescent (Field) Grand County (County or Subdivision) State of 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)

Ran Set and Cemented 42'X5" of 10 3/4 48 LB Casings, in 16" hole with 40 sacks of Construction cement. Using preventive plug. Recieved Return on cement.

Senior & Senior Ph 3-7974 9-1491

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

Company Grand County Oil Company

Address [illegible], Utah

Approved NOV 25 1947

C. A. Hauptman
District Engineer

By V. B. Walker

Title Supt

U. S. GEOLOGICAL SURVEY [illegible]

Form 9-331a
(March 1942)

Budget Bureau No. 42-R358.1.
Approval expires 11-30-49.

8°

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OCT 4 1948

Land Office Salt Lake City
Lease No. 063802
Unit

OIL & GAS DIV
1 1948

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)

September 27, 1948

Well No. 1 is located 753 ft. from {N/S} line and 1766 ft. from {E/W} line of sec. NE/S 8

SW¼NE¼ 8 (¼ Sec. and Sec. No.) 22 S. (Twp.) 19 E. (Range) S.L. (Meridian)

Crescent (Field) Grand (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)

Well drilled to a total depth of 2354 feet without encountering oil or gas in commercial quantities. Intend to fill hole with 11# per gallon mud from bottom to 1100'; spot 10-sack cement plug at 1100', either by tubing or dump bailer if hole is open; shoot or rip 7" casing; fill hole with mud to surface; pull casing; set regulation marker and clean up premises.

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

Company Grand County Oil Company

Address Thompsons, Utah

Approved OCT 1 - 1948

C A Hauptman
District Engineer

By John A Mulcahy

Title Manager

U. S. GOVERNMENT PRINTING OFFICE 16-6487-6

[illegible]
(Sheet 2)

It is proposed, all in accordance with good drilling practices, and subject to and in compliance with the Oil and Gas Operating Regulations and requirements of the United States Geological Survey, and by the use of Rotary drilling equipment;

(a) To drill a 13¾" hole and install 10¾" - 45 lb. new or second hand surface or conductor casing to about 40 feet and and to cement same from top to bottom. With blowout preventer at the surface.

(b) To drill ahead 9½" hole to a depth of not less 3000 feet unless at a lesser depth either a horizon commercially productiv of oil or gas shall be discovered or geological condition shall be disclosed indicating the futility of futher drilling; to core all potentially productive oil and gas zones encountered; and to adquately core and drill-stem test encountered showings of oil and or gas.

Productive possibilities are contemplated in the Dakota, and Morrison formation at depth, respectively, approximately 1100 feet, 1500 feet and 2900 feet.

(c) To core more or less continuously in salt section in order to locate and determine the value of any encountered potash and magnesium salts, using proper solutions to permit obtaining of satisfactory cores. It is contemplated to secure cores of about 3" diameter.

(d) To notify the United States Geological Survey representative of any mudding, cementing, water shut off and oil or gas test in order that a representative of the survey may be present at the time of such test; and to consider such change with such representative looking toward approval of any changes made.

GRAND COUNTY OIL COMPANY

By V. B. Walker
Partner

[illegible] FOR APPROVAL BY DISTRICT ENGINEER

Budget Bureau No. 42-R358.1.
Approval expires 11-30-49.

Form 9-331a
(March 1942)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. 063802
Unit

JAN 6 - 1949

U.S. GEOLOGICAL SURVEY
OIL & GAS DIV.
OCT 6 - 1948
RECEIVED
SALT LAKE CITY, UTAH

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 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)

September 30, 1948

Well No. 1 is located 753 ft. from {N/S} line and 1766 ft. from {E/W} line of NE¼ sec. 8

SW-NW 8 (¼ Sec. and Sec. No.) 22S. (Twp.) 19E. (Range) Salt Lake (Meridian)

Crescent (Field) Grand (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)

Have filled hole with 11-pound per gal. mud from bottom 2354 to 1100. Spotted 10 sacks cement plug, Set 16 hours checked plug with tubing top of plug 1110. Shot 7" casing off at 1105 pulled same filled hole with heavy mud, set regulation marker and cleaned up premises.

Inspected by District Engineer December 15, 1948 and found to be satisfactory.

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

Company Grand County Oil Co.

Address Thompson Utah

Approved DEC 31 1948

O A Hauptman
District Engineer

By John A Mulcahy

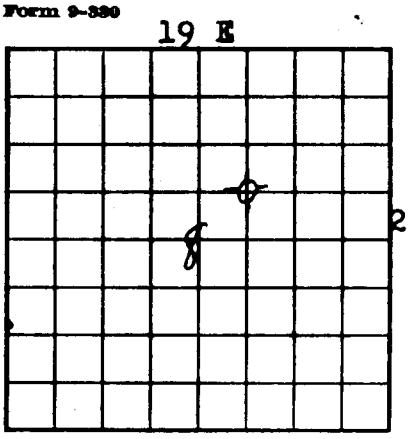
Title Manager

U. S. GOVERNMENT PRINTING OFFICE 16-8487-8

Form 9-330

Bureau No. 42-R355.
Approval expires 11-30-46.

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER 06 38 02
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

JAN 6 - 1949

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OIL & GAS DIV.
OCT 8 - 1948

LOG OF OIL OR GAS WELL

Company Grand County Oil Co. Address Thompson

Lessor or Tract U. S. Gov't. Field Crescent State Utah

Well No. 1 Sec. 8 T. 22S R. 19E Meridian Salt Lake County Grand

Location 753 ft. {N./S.} of S Line and 1766 ft. {E./W.} of E Line of Sec 8, T22S, R19E Elevation ?
(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 [illegible]

Date October 3, 1948 Title Manager

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

Commenced drilling November 13, 1947 Finished drilling September 25, 1948

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1760 to 1796 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 1105 to 1130 No. 3, from 1330 to 1360

No. 2, from 1230 to 1250 No. 4, from 1395 to 1450

No. 5, from 1605 to 1620 No. 6, from 1675 to 1690

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10-3/4"	32	8	Baker	35					
7"	20	8	Baker	1750			1750	1760	Show

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	35	15 sacks	Poured in		

PLUGS AND ADAPTERS

Heaving plug—Material ---- Length ---- Depth set ----

Adapters—Material ---- Size ----

SHOOTING RECORD

FOLD HERE

FOLD

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
3"	---	Nitro	50 Qts.	4/8/48	1766-95	1813'

TOOLS USED

Rotary tools were used from 0 feet to 2354 feet, and from ---- feet to ---- feet

Cable tools were used from ---- feet to ---- feet, and from ---- feet to ---- feet

DATES

----, 19--- Put to producing No Production, 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

C. C. Carmany, Driller L. B. Sievert, Driller

Mel Green, Driller L. A. DELANEY, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	682	682	Mancos Shale- black, hard, limpy with thin lenses of hard sand.
682	700	18	Ferron sandstone member - gray, hard, no porosity or show.
1105	1130	25	Dakota sandstone-gray, soft, medium to coarse-grained, some irregularity of grain size, good porosity, no show.
1130	2142	1012	Morrison shale and salt wash member of member - shale is varigated red, green, purple, brown, smooth textured. Sand members from 1230-1250, 1330-1360, 1395-1450, 1605-1620. Sand is white, coarse-grained, soft.
2142	2200	58	Summerville Shale - red and brown, smooth-textured shale.
2200	2354 TD.	154	Entrada Sandstone - quartzise white iron-stained, medium grained; grains are well sorted and sub-angular. Thin lenses of red shale, much of section drilled 1 and 2 minutes per foot.

FROM— TO— TOTAL FEET FORMATION

FORMATION RECORD—Continued

(OVER)

HISTORY OF OIL OR GAS WELL

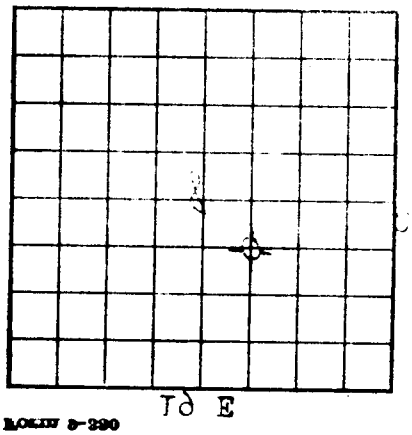
16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "shotcracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Casing was set at 1759' to test a light spotted saturation examined in core taken in section from 1755-1776 ' with (top of sand at 1760). Three barrels of water a day were bailed after shooting with nitro - the water raised about 70 feet a day in the 7 inch casing. A slight rainbow of oil was present on the water. Upper sands were tested by perforating casing from 1110-1120; 1230-1250; 1330-1360; 1440-1450; 1610-1620; 1675-1690. A pumping unit was set up when the water could not be bailed sufficiently fast. Pumping showed a slight rainbow of oil and very slight non-commercial amounts of gas, presumably from the last three perforated zones.

The well was drilled deeper to 2354 TD with no further shows of oil or gas; then tubing was run and packer set at 1725;;swabbed for 22 hours with a clear water recovery. 1165 feet of pipe was recovered upon abandonment.

LOCATE WELL CORRECTLY



LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

LEASE OR PERMIT TO PROSPECT

SERIAL NUMBER

U. S. LAND OFFICE

FORM 9-330