

Copy

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. Land Office Salt Lake

Serial Number 026302
Lease or Permit Permit

RECEIVED
OCT 29 1928
SALT LAKE CITY, UTAH
MINERAL LEASING DIV.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	XX	SUBSEQUENT RECORD OF SHOOTING.....
NOTICE OF INTENTION TO CHANGE PLANS.....		RECORD OF PERFORATING CASING.....
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF.....		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING.....
REPORT ON RESULT OF TEST OF WATER SHUT-OFF.....		NOTICE OF INTENTION TO ABANDON WELL.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO SHOOT.....		SUPPLEMENTARY WELL HISTORY.....

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

June 7, 1921

Following is a ~~report of work done~~ notice of intention to do work on land under ~~lease~~ permit described as follows:

Utah Emery County Salt Wash Dome
(State or Territory) (County or Subdivision) (Field)

Well No. 1-W NW 1/4 Sec. 8 21 S 9 E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 7000 ft. N of S line and 16° - 40' E. of SW corner Sec. 32-20-9
7000 ft. S of N line and 16° - 40' E. of SW corner Sec. 32-20-9
7000 ft. S of N line and 16° - 40' E. of SW corner Sec. 32-20-9

The elevation of the derrick floor above sea level is 5500 ft.

DETAILS OF PLAN 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.)

We are going to drill to about 100 feet with a No. 24 Star machine in order to determine whether or not water can be obtained for drilling operations which we contemplate performing with a standard rig. If water is not obtained, then we will continue the hole which we start with the machine when the standard rig is built. We can obtain water within approximately three miles by putting in a pumping outfit.

It is our intention to commence with a 15 1/2" hole.

Approved by Engl. Dept.
 Received 10-19-21
 1733 N. W. 1st St.

Approved _____
(Date)

Company Utah Oil Refining Company

NO APPROVAL ON FILE COPY

By J. E. Bramwell

Title _____
GEOLOGICAL SURVEY

Title Exploration Dept. Sec'y.

Address _____

Address _____

NOTE.—Reports on this form to be submitted in *triplicate* to the Supervisor for approval.

(COPY)

Leonard Petroleum Co. Well No. 1, Salt Wash Field, Emery County, Utah
1400' from N. line and 2030' from W line of Sec. (N SE 1/4 NW 1/4) T. 21 S.,
R. 9 E., S.L.M.

Drilling commenced October 5, 1921
Drilling ceased May 1922.

Surface Carmel, Lowest tested Moenkopi, Total Depth 2790'

<u>From</u>	<u>To</u>	<u>Formation</u>
0	135	Gray gypsiferous shale
135	190	Red and gray banded shale
190	270	Gypsum with shale breaks
270	465	Gray shale, sand shells
465	484	12 1/2" casing
484	515	red and green shale
515	525	Hard, blue lime
525	540	Brown sand, 2 bailers per hour alkali water
540	620	Red and green shale
620	625	Blue shale
625	675	Red shale with gypsum streaks
675	685	Hard, blue lime
685	690	Coarse white sand. Hole full sulphur water
690	1915	Fine, white to buff sand, occasional red shale streaks. Soft water, hole full water. (La Brea or Wingate sandstone). 10" casing set in sand at 1472' to protect wire line from wear. 8" casing set at 1928' in red Chinle shales.
1915	2105	Alternating red, green and purple clay shales
2105	2240	Coarse sandstone, and conglomerate, fragments petrified wood. Hole filled to top with sulphur water (Shinarump)
2240	2295	Red and purple shale with alternating sand and conglomerate streaks (Shinarump)
2295	2340	Gray to buff shales (Moenkopi). 6 1/2" casing set at 2303 and hole dried up.
2340	2660	Alternating red and gray shales, no sandstone. Caved badly. All casing pulled and hole plugged with clay and abandoned at 2660'.
(2500	2570	White sand
(2570	2600	White limey shale
(2600	2603	Fine shaley sand
? (2603	2660	White limey shale
(2660	2735	White limey shale
(2735	2745	Brown sand
(2745	2790	Light shale

No. City

now 026160

DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
PETROLEUM DIVISION

SUNDRY NOTICES AND REPORTS ON WELLS

(INDICATE NATURE OF DATA BY CHECKING BELOW)

NOTICE OF INTENTION TO DRILL		STATEMENT OF SHOOTING	
NOTICE OF INTENTION TO CHANGE PLANS	<input checked="" type="checkbox"/>	STATEMENT OF PERFORATING	
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF		NOTICE TO PULL OR OTHERWISE ALTER CASING	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF		NOTICE OF INTENTION TO ABANDON WELL	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		REPORT OF WORK DONE ON WELL SINCE PREVIOUS REPORT	

..... August 16, 1921

Following is a {notice of intention to do work} on land under {permit} described as follows:
~~{report of work done}~~ ~~{lease}~~

Utah
(State or Territory)

Emery County
(County or Parish)

Salt Wash Dome
(Field)

Well No. 1-W SE 1/4 Sec. 8 21S 9N SLB&M
(1/4 Sec.) (Twp.) (Rg.) (Meridian)

The well is located ft. {N} of and ft. {E} of {S} {W}

The elevation above sea level is ft.

Details of Plan of Work:

We drilled a 12 1/2" hole to about 40 feet and struck sufficient water for the drilling.

There was a conflict between Chester A. Ireland and Ira R. Browning as to the acreage embraced in the above permit and the permit of Mr. Browning 026160. A compromise agreement has been entered into between these parties and the General Land Office has been asked to issue new permits dividing the acreage as outlined in said compromise agreement. The General Land Office has or is about to issue these new permits.

We have agreed with the Leonard Petroleum Company, which company has entered into an operating agreement with Mr. Browning, for them to drill a test well at the location we selected for our well as outlined above. The Leonard Petroleum Co. is now assembling standard equipment for this test well.

No approved copy in Utah files. (Main paper copy only)

Company UTAH OIL REFINING COMPANY

By

Title Exploration Mgr.

RECEIVED

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. Land Office
Salt Lake
Serial Number 026160
Lease or Permit Permit

SALT LAKE CITY, UTAH
MINERAL LEASING DIV.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT RECORD OF SHOOTING	
NOTICE OF INTENTION TO CHANGE PLANS	RECORD OF PERFORATING CASING	
NOTICE OF DATE FOR TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF	NOTICE OF INTENTION TO ABANDON WELL	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO SHOOT	SUPPLEMENTARY WELL HISTORY	

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

September 11th, 1928.

Following is a ~~notice of intention to do work~~ report of work done on land under ~~lease~~ permit described as follows:

Utah Emery
 (State or Territory) (County or Subdivision)
 Well No. 1 NW Sec. 8 21 S 9 E 8
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
 (Field) SLM

The well is located 1425 ft. $\begin{matrix} N \\ S \end{matrix}$ of N line and 2030 ft. $\begin{matrix} E \\ W \end{matrix}$ of W line of sec. 8
 The elevation of the derrick floor above sea level is 6000 ft. Approx.

DETAILS OF PLAN 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.)

Subscribed and sworn to
 Sept 11th 1928
 Earl V. Hill, Notar Public
 Residing at Fenton, Utah
 My Commission Expires Jan. 15, 1932

This well was drilled by the Leonard Petroleum Co., in 1921 to a total depth of 2790'. All sands encountered were water sands, casing was pulled and hole caved full. On Sept. 1st 1928, a 5 5/16" iron marker was set in cement at location by Howard Stringham in accordance with Operating Regulations and letters of instructions from USGS.

Howard Stringham

SUBJECT TO SUBMISSION OF LOG AND APPROVAL OF H.G.BARTON, U.S.G.S., Salt Lake City.

Approved *[Signature]* Sept 21, 1928
 (Date)
 Title WM. H. STRANG
 DEPUTY SUPERVISOR
 GEOLOGICAL SURVEY

Company LEONARD PETROLEUM COMPANY
 By *[Signature]*
 Title Field Supt.

Address CASPER WYOMING

Address Vernal, Utah.

NOTE.—Reports on this form to be submitted in triplicate to the Supervisor for approval.