Form 9-331 a
(March 1942)

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

(SUBMIT IN TRIPLICATE)

Land Office Utah

Lease No. 02634

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

12

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)

December 12, 1950

Well No. 1 is located 990 ft. from {N / ~~S~~} line and 990 ft. from {E / ~~W~~} line of SE¼ sec. 12

NE¼SE¼ 12 (¼ Sec. and Sec. No.) | 24 S. (Twp.) | 23 E. (Range) | Salt Lake (Meridian)

Onion Creek (Field) | Grand (County or Subdivision) | Utah (State or Territory)

The elevation of the derrick floor above sea level is ..... ft. – Will be submitted 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)

Surface: Cutler
Plan to drill to 5000 ft. or 100 ft. into Paradox formation unless oil or gas in commercial quantities is found at a lesser depth. Plan to run and cement from top to bottom 190 ft. 10-5/8" 34# surface casing.

Production string will be run if and when a paying zone is encountered.

(SEE ATTACHED RIDER FOR APPROVAL)

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

Company Harry Hubbard

Address 610 West Louisiana

Midland, Texas

By Harry Hubbard

Title Operator

U. S. GOVERNMENT PRINTING OFFICE 16-8487-3

Federal Land

CONDITIONS OF APPROVAL

1. The lessee or operator shall mark the derrick or well in a conspicuous place with the name of the operator, well number, the land office and serial number of the lease, and location of the well and shall take all necessary precautions to preserve these markings.

2. A conductor or surface string of casing shall be run and cemented from bottom to surface unless other procedure is expressly authorized by this approval. The conductor or surface string shall be of sufficient weight and strength to have installed thereon the proper and necessary high pressure fittings and equipment to keep the well under control in case an unexpected flow of gas, oil or water is encountered.

3. All showings of oil or gas are to be adequately tested for their commercial possibilities. All showings shall be properly protected by mud, cement or casing so that each showing will be confined to its original stratum. Necessary precautions shall be taken to prevent waste or damage to any minerals drilled through and the U. S. Geological Survey, upon request, shall be furnished with carefully taken samples of such minerals as coal, potash and salt.

4. Lessee's Monthly Report of Operations (Form 9-329) shall be filed in duplicate with the office of the U. S. Geological Survey, P. O. Box 1400, Casper, Wyoming, not later than the sixth of the succeeding month. The report should show for this well any change of status occurring within the particular month such as date drilling commenced, suspended, resumed or completed, total depth as of the end of the month, and if shut down the reason therefor.

5. Two copies of the log of this well on Form 9-330, or other acceptable form, and ~~when available~~ two copies of all electrical logs, directional, diameter and temperature surveys of the hole shall be filed with the district engineer within 15 days after such information is received by operator or completion of the well whichever is earlier.

6. The District Engineer, C. A. Hauptman, 306 Federal Building, Salt Lake City 1, Utah, shall be notified on Form 9-331a in triplicate giving reasonable all necessary details of the proposed operation or test for proper consideration and action sufficiently in advance of making casing or formation tests, shooting or acidizing, running or cementing casing, other than the surface or conductor string, to permit approval of the notice prior to the start or proposed work.

Approved DEC 22 1950

District Engineer

Form 9-331a
(March 1942)

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

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake

Lease No. 0-1024

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

12

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 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	X
NOTICE OF INTENTION TO ABANDON WELL			

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

12- 28- , 1950

Well No. I is located 990 ft. from [N] line and 990 ft. from [W] line of sec. I2

Nw Sw -I2 (¼ Sec. and Sec. No.) 24-S (Twp.) 23-E (Range) Salt Lake (Meridian)

Onion Creek (Field) Grand (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4492-92 ft. Ground-4481-72.

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)

Surface- Cutler.
Plan toDrill to 5,000 ft, or 100 ft, in the Pardox formation unlessoil or gas in commercial quantities at a lesser depth.
Ran 192 ft, of 10 5/8 casing 34# 8 round thread, cemented with 67 sacks of Portland quick-set, which filled from bottom to top.
Drilled to 530 ft, with Cable tools in 8" hole.
Now waiting on 10,000 Ft, Titian Wilson Rig.

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

Company Harry Hubbard

Address 610 w Louisiana

Midland Texas

By [illegible]

Title Operator

U. S. GOVERNMENT PRINTING OFFICE 16-8487-3

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

Form 9-331a
(March 1942)

12
O

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake
Lease No. 0211-24
Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APR 4 - 1951

APR [illegible]

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		DRILL-Stem Test	

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

3 - 3 - , 1951

Well No. 1 is located 990 ft. from [N/S] line and 990 ft. from [E/W] line of sec. 12 E¼ Cor

NE-SE-12 (¼ Sec. and Sec. No.) | 24-S 23E (Twp.) (Range) | Salt Lake (Meridian)

Onion Creek (Field) | Grand (County or Subdivision) | Utah (State or Territory)

The elevation of the derrick floor above sea level is 4492 ft. - 82 - Ground 4410 - 72

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)

Tested from 4504 to 4590

Halliburton Recording & History Attached

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

Company Harry Hubbard

Address 610 W. Louisiana

Mid Land Texas

Approved APR 17 1951

[signature] District Engineer

By H P Hubbard

Title Operator

U. S. GOVERNMENT PRINTING OFFICE 16-6487-8

Form 9-331a
(March 1942)

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

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake

Lease No. 02634

Unit

12

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5-25-51

RECEIVED
MAY 25 1951

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)

May 15, 19 51

Well No. 1 is located 990 ft. from {N/S} line and 990 ft. from {E/W} line of NE cor. Sec. 12

NE SE - 12 (¼ Sec. and Sec. No.) | 36S (Twp.) | 23E (Range) | Salt Lake (Meridian)

Onion Creek (Field) | Grand (County or Subdivision) | Utah (State or Territory)

The elevation of the derrick floor above sea level is 4492.8 ft. Ground 4481.7

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)

The depth of 7955 was reached on May 15, 1951 on the above described test. Due to slippage of surface casing it seems inadvisable to continue the operation. A Schlumberger test was run reaching a depth of 7920. We were afraid to run drill stem back in hole to clean out to bottom because of having stuck the drill pipe twice in the last 24 hours. Complete set of samples were taken at 5 feet intervals to the total depth of which I have a set of same for your office, should you wish them.

I would like permission to plug this test under the following pattern: By filling the hole with heavy rotary mud from bottom of hole to bottom of surface casing and filling from there to surface with cement. Also, erecting the marker which is a 4 inch piece of pipe set in cement and extending 4 feet above surface. No noticeable oil, gas or water showings were encountered to total depth.

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

Company Harry P. Hubbard

Address 610 West Louisiana

Midland, Texas

Verbal approval given 5-20-51 MAY 25 1951

By Harry Hubbard

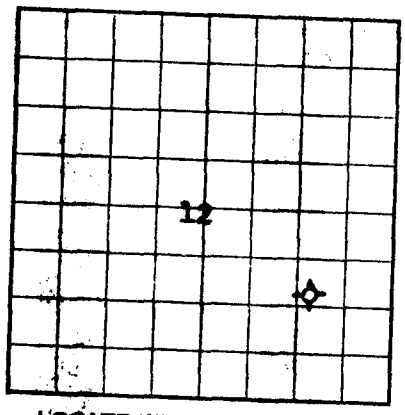
Title Operator

U. S. GOVERNMENT PRINTING OFFICE 16-8437-8

Form 9-330

Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. LAND OFFICE Utah
SERIAL NUMBER 02634
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUL 9 - 1951

LOG OF OIL OR GAS WELL

Company Harry Hubbard Address Box 726, Farmington, New Mexico

Lessor or Tract Harry P. Hubbard Field Onion Creek State Utah

Well No. 1 Sec. 12 T 24 S R 23 E Meridian S. L. County Grand

Location 990 ft. {N. / S.} of N Line and 990 ft. {E. / W.} of E Line of SE¼ sec. 12 Elevation 4492 (Derrick floor relative to sea level) 4481 Gr.

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 Harry P. Hubbard

Date 7-7-51

Title Co-Owner & Operator

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

Commenced drilling December 3 19 50 Finished drilling May 15 19 51

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ____ 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 ____ 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 From—	Perforated To—	Purpose
10-5/8"	32#	8		192'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-5/8"	192'	67			

MARK

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 530 feet to 7955 feet, and from ..... feet to ..... feet

Cable tools were used from 0 feet to 530 feet, and from ..... feet to ..... feet

DATES

....., 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

W. C. Triplett, Driller
Evan Pugh, Driller
J. D. Baldridge, Driller
D. C. Rhinehart, Driller
P. E. Collier

E. H. Lohmann, Driller
Emit Pittman, Driller
W. O. Riggs, Driller
O. E. Boulden, Driller
R. W. Strain, Driller
Norman Strain, Driller
W. O. Wickley, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	530	530	red beds and boulders
530	725	195	red orkosic sand
725	790	65	dark grey shale and sand stringers
790	1095	305	red sand-lime shells
1095	1305	210	red sand and shale-lime shells
1305	1740	435	red sand-lime shells
1740	1810	70	red sand and shale
1810	2000	190	red sand-lime shells
2000	2230	230	red sand and shale-lime shells
2230	2248	18	Core-rec 15' red sand and shale
2248	2460	212	red sand and shale
2460	2600	140	red sand-lime shells
2600	2660	60	red-brown calcareous siltstone
2660	2895	235	red-pink sand-lime shells
2895	2907	12	core rec 10' brown sand and shale
2907	3185	278	red and brown shale and calcareous siltstone
3185	3203	18	core rec 17' red brown sand and shale
3203	3672	469	red-brown shale and calcareous siltstone
3672	3690	18	Core rec 18' red shale-sand and limestone
3690	3990	300	limey red shale-sandy
3990	4016	26	grey limestone
4016	4032	16	core rec 14' shale and limestone
4032	4525	487	red and orange calcareous siltstone
4525	4538	13	limestone
4538	4570	32	sandstone

(over)

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
6570	6645	75	orange calcareous siltstone
6645	6685	40	sandstone
6685	6900	215	grey calcareous siltstone and sand
6900	6916	16	core rec 11' siltstone and sand
6916	7090	174	siltstone and sand
7090	7110	20	chalky lime
7110	7320	210	sand and siltstone
7320	7340	20	sandstone
7340	7446	106	sand with lime shells
7446	7468	20	sandstone
7468	7670	202	siltstone and sand
7670	7705	35	sandstone
7705	7955	250	siltstone and sand
7955	7995	40	sandstone
7995	8162	167	red and brown sandy shale
8162	8182	20	sandstone
8182	8372	190	siltstone and sand
8372	8407	35	limestone
8407	8718	311	siltstone, calcareous and shaley
8718	8750	32	sandstone
8750	8955	205	silty limestone
8955	9095	140	sandstone and lime shells
9095	9300	205	silty sandstone
9300	9305	5	core rec 2' black shale
9305	9375	70	black calcareous shale
9375	9390	15	shaly limestone
9390	9625	235	sand and siltstone
9625	9755	130	lime and siltstone
TD 9755			

Hole abandoned because of joint of surface casing which broke loose and fell to about 6,000 feet.

No anhydrite, salt, or typical black Paradox shale were encountered.

The Cutler formation was on the surface and the Paradox member of the Hermosa was presumably at the total depth. Inasmuch as the entire column was Arkosic in character, however, the contributing interpreta have been unable thus far to establish the bottom of the Cutler or pick with any degree of accuracy the top of the Hermosa

Form 9-331 a
(March 1942)

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

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake

Lease No. Utah 02634

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAY 31 1951

RECEIVED
MAY 31 1951
GEOLOGICAL SURVEY
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 ABANDON WELL			

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

May 29, 19 51

Well No. 1 is located 990 ft. from {N/S} line and 990 ft. from {E/W} line of SE¼ sec. 12

NE¼SE¼ 12 (¼ Sec. and Sec. No.) | 24 S. (Twp.) | 23 E. (Range) | Salt Lake (Meridian)

Onion Creek (Field) | Grand (County or Subdivision) | Utah (State or Territory)

The elevation of the derrick floor above sea level is 4492.8 ft. Ground 4491.7

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 was filled from total depth, 7955 ft., to bottom of surface casing at 192 ft. with heavy mud. Cement plug from 192 ft. to surface and 4-inch marker extending 4 feet above the surface was erected in the surface casing. Location was cleaned up and mud pits filled. Abandonment work completed on May 29, 1951.

Inspected by District Engineer on May 29, 1951, 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 Henry Hubbard

Address 610 - W - Louisiana
Midland Texas

By Henry P. Hubbard

Title Operator

Approved MAY 31 1951
A Stamptman
District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16-8427-3