Form 6-331a.

U. S. Land Office Salt Lake

Serial Number 0 24402

Lease or Permit

Noted
W. H. S.

DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
PETROLEUM DIVISION

GEOLOGICAL SURVEY
RECEIVED

RECEIVED

GEOLOGICAL SURVEY
R. C. E. D
OCT 29 1929
SALT LAKE CITY, UTAH

RECEIVED
CASPER

SUNDRY NOTICES AND REPORTS ON WELLS

(INDICATE NATURE OF DATA BY CHECKING)

NOTICE OF INTENTION TO DRILL	X	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	

SALT LAKE CITY, UTAH
MINERAL LEASING DIV.

March 20th, 1926.

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

UTAH (State or Territory) GRAND (County or Subdivision) HARLEY (Field)

Well No. ~~One~~ 2 SENE 4 (¼ Sec.) 19 S. (Twp.) 25 E. (Range) Salt Lake (Meridian)

The well is located 1550 ft. {S} of N line and 660 ft. {W} of E line of Sec. 4

~~Center of South Line of NE¼~~

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

Details of Plan of Work: SHOW SIZES, WEIGHTS AND DEPTHS OF PROPOSED CASINGS, ALSO MUDDING JOBS, CEMENTING POINTS AND ALL OTHER IMPORTANT DETAILS OF PROPOSED WORK.

To drill well for either oil or gas

U. S. GEOLOGICAL SURVEY
FILE COPY
SALT LAKE OFFICE

Approved only as a report submitted after well was completed and also as a matter of record.

Approved September 16, 1927.
(Date)
D. P. Wardwell
D. P. WARDWELL,
Deputy Supervisor.
Title
U.S. Geological Survey BUREAU OF MINES
[illegible]

Company Noella Quick
By
Title

U. S. Land Off. Salt Lake

Serial Number 0 24402

Lease or Permit

DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

PETROLEUM DIVISION

GEOLOGICAL SURVEY RECEIVED OCT 1 1929 SALT LAKE CITY, UTAH

GEOLOGICAL SURVEY RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS

(INDICATE NATURE OF DATA BY CHECKING)

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	
NOTICE OF INTENTION TO SHOOT		SUPPLEMENTARY WELL HISTORY	X

SALT LAKE CITY, UTAH MINERAL LEASING DIV.

May 2nd 1926.

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

UTAH (State or Territory) GRAND (County or Subdivision) HARLEY (Field)

Well No. ~~[illegible]~~ 2 SENE Sec. 4 (Sec.) 19 S. (Twp.) 25 E. (Range) Salt Lake (Meridian)

The well is located ~~Center of South Line of NE¼NE¼~~ 1550 ft. {S} of N line and 660 ft. {W} of E line of Sec. 4

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

Details of Plan of Work: SHOW SIZES, WEIGHTS AND KINDS OF PROPOSED CASING AND WHERE CEMENTING POINTS ARE TO BE LOCATED. DESCRIBE

To plug off water at 1145 to 1350 and to protect gas sand at 860 to 945.

To save gas for possible future work, at 564 to 591.

U. S. GEOLOGICAL SURVEY FILE COPY SALT LAKE OFFICE

See reverse side

Approved November 16, 1927. (Date)

D. P. Wardwell

Title D. P. WARDWELL, Deputy Supervisor, U.S. Geological Survey. BUREAU OF MINES

509 Con. Nat. Bldg., Casper, Wyo.

Company Pacific Pipe

By

Title

Approved only as a report submitted after well was completed and also as a matter of record with the following understanding:

1. A detailed supplementary well history report to be submitted in triplicate on Form 6 or 9-331a, which will summarize the following information:

   A. Date drilling started and completed.
   B. Total depth drilled.
   C. Name and depth of productive gas sands encountered with tests made as to initial volume and pressure of gas.
   D. Depth to which hole was plugged and result of production tests made.
   E. Present production of well as to volume and pressure and whether shut in or abandoned.
   F. Proposed plans for future operations.

2. Lessee's Monthly Reports of Operation (in duplicate on Form 9-329), will be submitted promptly on or before the 6th of the succeeding month, for which the report covers, and regardless of status of operations, whether the well is shut in or abandoned.

Form 9-331a
(Feb., 1926)

RECEIVED APR 3 1929 U.S. GEOLOGICAL SURVEY CASPER

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. Land Office S.L.
Serial Number 029402
Lease or Permit Permit

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	
NOTICE OF INTENTION TO SHOOT		SUPPLEMENTARY WELL HISTORY	X

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

May 7th, 1926

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

Utah (State or Territory) Grand (County or Subdivision) ~~Bitter Creek~~ Harley Dome (Field)

Well No. 2 ~~NW¼ of NW¼~~ SE NE (¼ Sec. and Sec. No.) Sec. 4 (Twp.) 19S (Range) 25E (Meridian) S.L.

The well is located ~~center~~ 1550 ft. {N / S} of ~~so.~~ S N line ~~and~~ 660 ft {E / W} of ~~W¼ of NW¼~~ Sec. 4 Sec. 4

The elevation of the derrick floor above sea level is ..... 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.)

To save gas at 564' to 591' for possible future work.

Am awaiting decision of Department relative to disposition of helium content of this gas

To drill well for either oil or gas

RECEIVED UTAH OIL & GAS DIV. SALT LAKE OFFICE

Approved ..... (Date)

Title ..... GEOLOGICAL SURVEY

Address .....

~~Company~~ Henry Gondagorta, Permittee

By Thullesprin

Title Agent

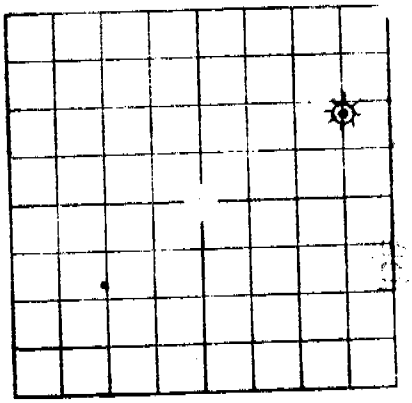
Address First National Bank Bldg. Denver, Colo.

Approved 5-31-29

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

GOVERNMENT PRINTING OFFICE 6—7000

Form 8-330



LOCATE WELL CORRECTLY

LAND OFFICE Salt Lake
SERIAL NUMBER 027402
LEASE OR PERMIT Permit

DEPARTMENT OF THE INTERIOR
~~BUREAU OF MINES~~ GEOLOGICAL SURVEY
PETROLEUM DIVISION GEOLOGICAL SURVEY
RECEIVED

LOG OF OIL OR GAS WELL

SALT LAKE CITY, UTAH
MINERAL LEASING DIV.

Company Tom McGuire & Associates Address 502 1st Nat. Bank Bldg., Denver, Colo.
Lessor or Tract Field Harley Dome State Utah
Well No. 2 Sec. 4 T. 19S R. 25E Meridian Salt Lake County Grand
Location ~~Center of South line of NE¼NE¼~~ 1550 ft. {S.} of N Line and 660 ft. {W.} of E Line of Sec. 4 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 Tom McGuire
Title
Date July 15, 1926

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

Commenced drilling Dec 1, 1926 Finished drilling Dec 8, 1925

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from About 250,000 ft. 564 to 591
No. 2, from 5,000,000 ft. dry, odorless gas 860 to 945
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 1145 to 1150
No. 2, from About 2 ballers per hour. to
No. 3, 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
12½"	50#	10	DBX	537	Plain				
10"	40#	10	"	618'10"	"				

CASING OR TOOLS LOST OR SIDETRACKED

From NONE to Description
From to Description

Form 9-331a
(Feb., 1936)

U. S. Land Office SL

Serial Number 029402

Lease or Permit

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

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	
NOTICE OF INTENTION TO SHOOT		SUPPLEMENTARY WELL HISTORY	
As below	X		

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

September 18th, 1928

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

Utah (State or Territory) Grand (County or Subdivision) Harley (Field)

Well No. 2 ~~NE¼NE¼~~ SENE Sec. 4 (¼ Sec. and Sec. No.) 19 S. (Twp.) 25 E. (Range) Salt Lake (Meridian)

~~Center of South Line of NE¼NE¼~~

The well is located 1550 ft. {N / S} of ~~N~~ line and 660 ft. {E / W} of E line of sec. 4

The elevation of the derrick floor above sea level is ..... 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.)

To save gas at 564 to 591 for possible future work.
To drill well for either oil or gas.
Am awaiting decision of Department relative to disposition of helium content in this gas.

GEOLOGICAL SURVEY
SALT LAKE OFFICE

Approved ..... (Date)

Title ..... GEOLOGICAL SURVEY

Address .....

Company (Signed) Tom McGuire

By .....

Title .....

Address Denver, Colo.

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

Form 9-331a
(Feb., 1926)

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office: Salt Lake City
Serial Number: 029402
Lease or Permit: Permit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT 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 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 X

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

RECEIVED
DEC 6 1929
SALT LAKE CITY, UTAH
MINERAL LEASING DIV

GEOLOGICAL SURVEY
RECEIVED
No. 5
SALT LAKE CITY, UTAH
MINERAL LEASING DIV.

November 22nd, 1929

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

Utah (State or Territory) — Grand (County or Subdivision) — Harley Dome (Field)

Well No. 2 (McGuire) SE¼ NE¼ Sec. 4 (¼ Sec. and Sec. No.) — 19 S. (Twp.) — 25 E. (Range) — S. L. M. (Meridian)

The well is located 1550 ft. {~~N~~ / S} of N line and 660 ft. {~~E~~ / W} of E line of sec. Four

The elevation of the derrick floor above sea level is 4200 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.)

Drilled by Tom McGuire & associates
Commenced drilling April 9th, 1926. Finished May 3rd, 1926.
Total depth 1675 ft.
Gas Sand - 584 ft. to 591 ft. Thickness - 27 ft.
Gas Sand - 860 ft. to 945 ft. Thickness - 85 ft.
Water Sand - 1145 ft. to 1350 ft. Thickness - 205 ft.
Hole plugged at 640 ft. with cement plug. (This and other points were plugged and cemented under orders of Mr. Carnahan, U.S.G.S.)
12½ inch casing is set at 537 ft., mudded and capped with swedge nipple and gate.
Gas production approximately 250,000 cu. ft. At present gas is on valve ready to be used for future drilling, if needed.
Well in good mechanical condition.

Tom McGuire

Approved ~~December 4, 1929~~ (See reverse side) (Date)

Company TOM McGUIRE

H. G. Barton
H. G. BARTON
Title Senior Petroleum Engineering.
GEOLOGICAL SURVEY

By

Title CONTRACTOR

Address 602 - 1ST NAT'L B.B.
DENVER, COLO

Address

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

ACCEPTED AS A SUPPLEMENTARY WELL HISTORY in compliance with letter of May 31, 1926, and subsequent letters, and approved as to the mechanical condition of the well only until such time as further investigation or developments prove the well to be in unsatisfactory condition.

Lessee's Monthly Reports (form 9-329) to be submitted each month whether drilling or when shut-down and complete compliance to be made with the Operating Regulations.

H. G. Barton

H. G. BARTON
Senior Petroleum Engineer.

Form 9-331a
(Feb., 1926)

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah
Serial Number 029402
Lease or Permit Permit.

SUNDRY NOTICES AND REPORTS ON WELLS

GEOLOGICAL SURVEY
RECEIVED
APR 27 1931
SALT LAKE CITY, UTAH
MINERAL LEASING DIV.

NOTICE OF INTENTION TO DRILL	X	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	X	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO SHOOT		SUPPLEMENTARY WELL HISTORY	

COPY RETAINED SALT LAKE CITY

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

Cisco, Utah, April 23, 1931. 192

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

Utah (State or Territory) Grand (County or Subdivision) Harley Dome (Field)

Well No. 2 SE NE Sec. 4 (¼ Sec. and Sec. No.) 19 S. (Twp.) 25 E. (Range) S. L. M. (Meridian)

The well is located 1550 ft. {N X / S} of N line and 660 ft. {E X / W} of E line of sec. 4

The elevation of the derrick floor above sea level is 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.)

This is an old well drilled by former operators on the permit area in 1926 to total depth of 1875', plugged back to 640', and left as a gas well shut in. Proposed to clean out cement plugs at 640' and make test of gas sand at 890' to 945' for volume and content of gas. If carbon dioxide gas is found to be in commercial quantities, well will be properly conditioned to produce same for a dry ice plant to be erected on the property. If gas is not found in commercial quantities, hole will be immediately plugged and abandoned as required by the Operating Regulations of the U. S. Geological Survey. The test of the gas sand will be made to secure information needed in making an application for lease as required by an extension of time on this permit dated March 10, 1931.

APPROVED with the understanding that this office will be given sufficient advance notice to permit a representative of the Department to be present and witness the plugging of the well and subsequent proof work, and subject to the rules, orders or instructions that may hereafter be issued by this office covering or instructions that may be issued by this office covering or thereon unknown conditions that may arise as the work progresses.

Alexander Pollock

Address 302 Federal Building, Salt Lake City, Utah

Address Cisco, Utah.

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

Form 6-330

LAND OFFICE Salt Lake

SERIAL NUMBER 027402

FROM	TO	TOTAL FEET	FORMATION
0	38	38	Conglomerate
38	70	32	Sand
70	75	5	Coal
75	78	3	Lime
78	80	2	Coal
80	90	10	Hard Lime
90	95	5	Shale
95	102	7	Hard Sand
102	105	3	Shale
105	135	30	Sand and Lime
135	145	10	Shale
145	158	13	Lime
158	200	42	Lime and Bentonite
200	218	18	Sand
218	230	12	Red Sand
230	247	17	Gray Shale
247	250	3	Hard Sand
250	270	20	Sand
270	285	15	Hard Sand
285	297	12	Red Rock
297	300	3	Hard Shell
300	325	25	Gray Shale
325	340	15	Red Rock
340	348	8	Gray Shale
348	395	47	Red Rock
395	415	20	Red Shell
415	420	5	Soft Sand
420	423	3	Hard Sand
423	448	25	Red Rock
448	465	17	Gray Shale
465	520	55	Red Shale
520	525	5	White Sand
525	537	12	Blue Shale
537	543	6	Sandy Lime
543	556	13	Gray Shale
556	558	2	Hard Lime
558	564	6	Shale
564	591	27	Sand
591	617	26	Red Rock
617	622	5	Sand
622	642	20	Red Rock
642	665	23	Lime and Red Shale
665	670	5	Hard Shell
670	685	15	Gray Shale
685	688	3	Hard Shell
688	697	9	Sand
697	766	69	Gray Shale and Lime
766	773	7	Hard Lime
773	777	4	Bentonite
777	795	18	Hard Sand
795	845	50	Red Lime
845	888	43	Lime
888	860	2	Hard Lime
860	945	85	Sand

Weber 1710'

Mississippian 6371'

Humboldt 65'

Entrada 2888'

[illegible]	1148	[illegible] 3	Pink Sand
1148	1153	5	Hard Shell
[illegible]	[illegible]	67	Red Rock and Sand
1220	1350	130	Red Rock
1350	1612	262	Brown Sand
1612	1675	63	Dark Brown Sand

Hole bridged at [illegible], plugged back to [illegible] with burned wire line.

" " " 880, " " " 840 " " " " and rope.

Lubricated hole with mud from 840 to top. Let stand 18 hours and bailed hole back to 640. Bridged and capped with 18 sacks of cement.

10" Casing pulled so as to bare gas sand at 568.

12½" Casing left in hole and capped. Gas to be used for future drilling, if needed.

Form 9-331a
(Feb. 1931)

GEOLOGICAL SURVEY
JULY 1 1931
SALT LAKE CITY, UT.
MINERAL LEASING SEC.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. Land Office Salt Lake City

Serial Number 029402

Lease or Permit Permit

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
NOTICE OF INTENTION TO SHOOT	SUPPLEMENTARY WELL HISTORY
Report of Cementing Casing	

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

Cisco, Utah, July 10, 1931

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

Utah (State or Territory) — Grand (County or Subdivision) — Harley Dome (Field)

Well No. 2 — SE NE Sec. 4 (¼ Sec. and Sec. No.) — 19 S. (Twp.) — 25 E. (Range) — S.L.M. (Meridian)

The well is located 1980 ft. {N / S} of N line and 660 ft. {E / W} of E line of sec. 4

The elevation of the derrick floor above sea level is ____ 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.)

Plugged back from top of bridge at 846 feet to 812 feet with rock and shale.

Set 812' 8-1/4" 36# seamless casing. Circulated with heavy mud fluid until heavy mud returns appeared behind 8-1/4" casing.

Cemented with 48 sacks of oil well quick set cement using the two plug method.

*Note - APPROVED SUBJECT TO SUBMISSION WITHIN FIFTEEN DAYS AFTER DRILLING OUT CEMENT PLUGS A REPORT IN TRIPLICATE ON FORM 9-331a GIVING FOLLOWING INFORMATION: Depth at which cement plugs were located; depth drilled below shoe and results of tests made to determine volume of gas, and success of cementing job.

Approved July 18, 1931 (See Note*) (Date)

Company HENRY CENDAGORTA

By J. W. Weightman

Title District Engineer.

Title Agent

Address 316 Federal Building, Salt Lake City, Utah

Address Cisco, Utah

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

GOVERNMENT PRINTING OFFICE 8—7053

Log Of
[illegible] AND [illegible] WELL NO. 2
Location 1[illegible]50' S/N and 660' E/W line
of Sec. [illegible], T. 19S., R. 25E.
Formerly reported as Tom McGuire or Home Oil Co.

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	38	38	Conglomerate
38	70	32	Sand
70	75	5	Coal
75	78	3	Lime
78	80	2	Coal
80	90	10	Hard lime
90	95	5	Shale
95	102	7	Hard sand
102	105	3	Shale
105	135	30	sand and Lime
135	145	10	Shale
145	158	13	Lime
158	200	42	Lime and Bentonite
200	218	18	Sand
218	230	12	Red Sand
230	247	17	Gray shale
247	250	3	Hard Sand
250	270	20	Sand
270	285	15	Hard Sand
285	297	12	Red Rock
297	300	3	Hard Shell
300	325	25	Gray Shale
325	340	15	Red Rock
340	348	8	Gray Shale
348	395	47	Red Rock
395	415	20	Red Shell
415	420	5	Soft Sand
420	423	3	Hard Sand
423	448	25	Red Rock
448	465	17	Gray shale
465	520	55	Red Shale
520	525	5	White Sand
525	537	12	Blue shale
537	543	6	Sandy lime
543	556	13	Gray shale
556	558	2	Hard Lime
558	564	6	Shale
564	591	27	Sand
591	617	26	Red Rock
617	623	6	Sand
623	645	22	Red Rock
645	665	20	Lime and Red Shale
665	670	5	Red Shell
670	685	15	[illegible]
685	[illegible]	[illegible]	[illegible]

688	697	9	Sand
697	766	69	Gray shale and lime
766	773	7	Hard lime
773	777	4	Rambaugh
777	792	15	Hard sand
792	842	50	Red lime
842	855	13	Lime
855	860	5	Hard lime
860	865	5	Sand
865	1145	280	Flint sand
1145	1153	8	Hard shale
1153	1220	67	Red rock and sand
1220	1350	130	Red rock
1350	1612	262	Brown sand
1612	1675	63	Dark brown sand

Gauged by mtw

(March 1927)

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. 029602

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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	
NOTICE OF INTENTION TO ABANDON WELL	X		

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

May 4, 19 44

Well No. 2 is located 1550 ft. from {N} line and 660 ft. from {E} line of sec. 4

N SE NE 4 (¼ Sec. and Sec. No.) 19 S. (Twp.) 25 E. (Range) S. L. (Meridian)

Harley Dome (Field) Grand (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5200 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)

Remove fittings from casing and run bailer to approximately 846' (top of cement plug) to determine hole condition. If plug is satisfactory to mud hole from top of plug to the surface with 11# mud, during which time attempt will be made to remove 812' of 8-3/4" 36# seamless pipe which was cemented with 48 sacks and 537' of 12½" 50# 10 thread casing set on clamps. If cement plug is not satisfactory attempt, with not over one day's effort, to remove any bridge and then proceed with mudding and removal of casing. Cement regulation marker at surface. Clean up location. When drilled the maximum shut-in pressure of the gas was 155#.

The undersigned, E. V. Fallgren and J. W. Weightman, are approving and consenting to the "Notice of Intention to Abandon Wells" on the condition and understanding that the well is being plugged upon demand of the Department of the Interior; that we have at no time given up our rights in this field; that we have been ready and are now ready and willing to proceed with further drilling of the field; that the Department of the Interior made this field Helium Reserve #2 and as a consequence we have been unable to proceed with further drilling; that we expect the Department of the Interior to pay us for our costs in discovering this helium

and operations thereon including the present plugging of wells, and a reasonable allowance for our rights.

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

Company Fallgren and Weightman

Address 816 W. Fifth st., Rm.304 By J. W. Weightman

Los Angeles, 13, Calif. By E. V. Fallgren

E. V. Fallgren

Title Principal on bond

Approved only as to plugging method and time and contractor since District Engineer may not speak for Department of Interior.

May 24, 1944 C. A. Hauptman

District Engineer

WESTERN UNION

A. N. WILLIAMS
PRESIDENT

VA255 GOVT DL=CASPER WYO 16 1115A

C A HAUPTMAN=

U S GEOLOGICAL SURVEY 306 FEDERAL BLDG SLAKE=

IF FALLGRENS SUNDRY NOTICES TO ABANDON WELLS ON CANCELLED SALT LAKE 29402 CONTAIN CONDITION SUGGESTED IN HIS LETTER MAY 11 BELIEVE ADVISABLE TO ARRIVE WITH STATEMENT SUCH AS QUOTE APPROVED ONLY AS TO PLUGGING METHOD AND TIME AND CONTRACTOR SINCE DISTRICT ENGINEER MAY NOT SPEAK FOR DEPARTMENT OF INTERIOR UNQUOTE=

HANSON.

29402. 11 FALLGRENS.

Form 9-331a
(March 1942)

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Permit ~~XXX~~ No. 029402

Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

4

Copy not sent to Operator 2-24-45

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	X
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)

February 22, 19 45

Well No. 2 is located 1550 ft. from [N] line and 660 ft. from [E] line of sec. 4

SE¼NE¼ sec. 4 (¼ Sec. and Sec. No.) T. 19 S., R. 25 E. (Twp.) (Range) Salt Lake (Meridian)

Harley Dome (Field) Grand (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4946 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)

Fittings were removed and bailer was run to approximately 830'. An attempt was made to plug the well with heavy mud, which was not successful because of a flow of approximately 1,500,000 cubic feet of gas. By use of mud pumps the well was plugged back to 530', wherein 4 yards of mud, 3000 gallons of water, and 6 sacks of cement were introduced into the well and the pressure held for 24 hours. Bailing test showed no sign of gas. 8¼" pipe was shot at 520' and 498' recovered. Well was filled with mud as pipe was pulled. After the casing was removed, well was plugged at top with three sacks of cement, the cellar filled in with dirt, and the marker erected. Work done in June, July, and August 1944.

Inspected August 23, 1944 by District Engineer 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 Fallgren and Weightman, 816 W. 5th St., Los Angeles 13, California

~~Address~~ Approved as a matter of record, unable to secure operator's signature.

Approved Feb. 24, 1945

C. A. Hartman
District Engineer

By

Title

U. S. GOVERNMENT PRINTING OFFICE 16—6627-1