FILE NOTATIONS

Entered in N I D File _____

Entered On S R Sheet ✓

Location Map Pinned _____

Card Indexed _____

I W R for State or Fee Land _____

Checked by Chief _____

Copy N I D to Field Office _____

Approval Letter _____

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 5-19-27

Location Inspected _____

OW_____ WW_____ TA_____

Bond released State of Fee Land _____

GW ✓ OS_____ PA_____

LOGS FILED

Driller's Log ✓

Electric Logs (No.)_____

E_____ I_____ E-I_____ GR_____ GR-N_____ Micro_____

Lat_____ Mi-L_____ Sonic_____ Others_____

Subsequent Report of Abandonment

Crystal Carbon Co., SE

Crystal Carbon Black Co., Well No. 2
Sec. 24-20S-21E (S. L. 035138)

Drilling at 1000'. The 10" casing was landed at 50' and the 8¼" at 750'. The operator plans to cement the 6¼" before drilling in.
(Well visited 9-24-26)

Crystal Carbon Black Co. Well No. 2
1926 Sec. 24, T.20 S., R.21 E. (SL 035138)

Due to carelessness on the part of representatives of the company have been put to a great deal of unnecessary expense. A "Notice of Intention" was not submitted to this office for approval. As a result when the well was visited, it was found that drilling operations were being carried on in a manner that could not be approved by the Department. Although the contractor knew that he was drilling into a gas sand of fairly high rock pressure and volume, no preparations had been made to bring the well under control. None of the casing had been cemented and there were no connections on the well for closing it in. No slush pit had been made, neither had the "muffler" line been put in. After a conference with the contractor it was decided best to pull all of the casing from the hole, clean out the cuttings back of the contractor and cement it back in bottom. A late report from the contractor in [illegible] he had met the requirements and that drilling had been resumed.

The company had previously completed a well for which none of the required notices were submitted. A complete history of the well has been requested and a careful check of its present condition will be made.

Crystal Carbon Black Co., Well No. 2
Sec. 24, 20S, 21E

This well was completed 11-14-26 at 2330'. The productive sand was penetrated five feet showing an estimated flow of 8,000,000 ft. and a rock pressure of 730#. The carbon black plant and camp are under construction.

Approval is given to drill as outlined above with the following understanding:

1. A conductor string to be cemented to exclude surface water and act as a tie in case an unexpected flow of oil, gas or water should be encountered. The string of casing on top of the gas sand to be cemented.

2. All water to be confined to its original horizon and test made for water shut off before drilling ahead. Casing shall be cemented if necessary to shut off water.

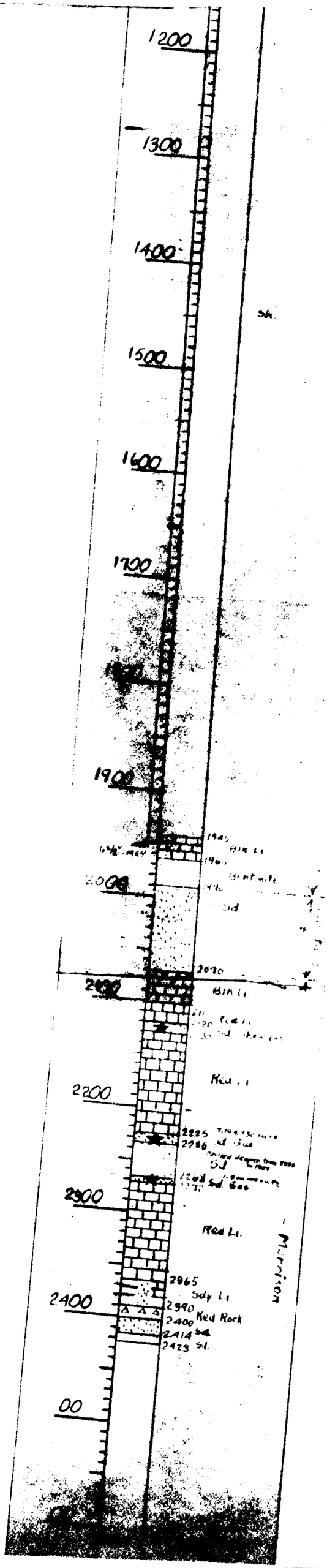
3. All showings of oil or gas to be tested for their commercial possibilities in a dry hole before drilling ahead. Each showing to be properly protected to prevent migration.

4. To prevent waste of, or damage to, and to provide the U.S.Geological Survey with carefully taken samples of other minerals drilled through, i.e., coal, salt, potash beds, etc.

5. A string of casing to be set (cemented if necessary) on top of the productive sand, and water shut off test made before drilling in.

6. Kindly notify E.F.Henderson, Casper, Wyoming office, on form 6-331a, at time of bedding, cementing and water shut off tests that a representative of the Survey may be present.

7. Lessee's monthly report of wells (form 6-329a) must be filled out each calendar month and forwarded to the Casper office not later than the 8th day of the following month.


1200
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Madison

Form 9-331a

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. Land Office Salt Lake City
Serial Number 082183
Lease or Permit

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	

September 1, 192 6

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

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

Well No. 2 SW¼ Sec. 24 (¼ Sec.) 20S. (Twp.) 21E. (Range) S.L.M. (Meridian)

The well is located 660 ft. {N} of S line and 660 ft. {W} of E line of Sec. 24

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

Details of Plan of Work:

SHOW SIZES, WEIGHTS AND LENGTHS OF PROPOSED CASINGS AND ALL OTHER IMPORTANT PROPOSED WORK.

Expect to encounter gas sand at approximately 2000 feet.

APPROVAL ON REVERSE SIDE:

Approved October 28, 1926 (Date)

O. P. Wardwell

Title U.S. MINERAL SURVEY SUPERVISOR BUREAU OF MINES

Company CRYSTAL CARBON COMPANY

By CLAY AND BENTON

Title ATTORNEYS

6—7053

U. S. Land Office Salt Lake City.
Serial Number 025133B.
Lease or Permit to Prospect .....

16

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Crystal Carbon Company. Address Box 19, Cisco, Utah.
Lessor or Tract ..... Field Cisco Dome State Utah.
Well No. 2 Sec. 24 T. 20S R. 21E Meridian S.L.M. County Grand
Location 660 ft. {N/S} of S Line and 660 ft. {E/W} of E Line of Sec. 24 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 R. C. Hill
Title SUPERINTENDENT.

Date November 18 1926

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

Commenced drilling Sept. 15 1926 Finished drilling November 18, 1926

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2130 Small show of Gas. No. 4, from ..... to .....
No. 2, from 2228 G to 2235 G. No. 5, from ..... to .....
No. 3, from 2268 G to 2272 G. 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
6-5/8				1955'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10"	63'	25	Cemented Bottom up.		
6-5/8"	1955'	16	Cemented at Bottom.		

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

TOOLS USED

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

Cable tools were used from 0 feet to 2235' feet, and from 2235' feet to 2423 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 7,194,330 Redrilled Struck 1,200 Cu. ft. of Gas.

Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 700# Rock pressure after redrilled 170#.

EMPLOYEES

S. E. Curt, Driller ..... Driller

Clint Meyers, Driller ..... Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	60	60	Sand and gravel
60	650	590	Shale.
650	900	250	Lime and Shells
900	1945	1045	Shale.
1945	1965	20	Black Lime
1965	2070	105	Sand
2070	2110	40	Black Lime
2110	2120	10	Red Lime
2120	2130	10	Sand Small show of Gas at 2125
2130	2225	95	Red lime
2225	2235	10	Sand Gas
			Started redrilling May 8, 1927.
2235	2268	33	Sand
2268	2272	4	Sand Gas.
2272	2365	93	Red Lime.
2365	2390	25	Sandy Lime
2390	2400	10	Red Rock.
2400	2414	14	Sand.
2414	2423	9	Slate.

FROM	TO	TOTAL FEET	FORMATION

Form 9-331a

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Extra copy

U.S. Land Office Salt Lake

Serial Number 033133B

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

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

May 8 1947, 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) Cisco Dome (Field)

Well No. 2 (¼ Sec. and Sec. No.) Sec 24 (Twp.) 20S (Range) 21E (Meridian) S.L.M.

The well is located 660 ft. {N/S} of S line and 660 ft. {E/W} of E line of sec. 24

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.)

Expect to clean out well and run a string of 3" tubing or a string of 5" casing, and if necessary deepen hole.

Approved .....
(Date)

Title .....
GEOLOGICAL SURVEY

Address .....

Company Crystal Carbon Co.

By R. C. Hill

Title SUPERINTENDENT

Address .....

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

U.S. Land Office Salt Lake City
Serial Number 035153
Lease or Permit

DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
PETROLEUM DIVISION

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

November 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) Cisco Dome (Field)

Well No. 2 Sec. 24 (¼ Sec.) 20 S (Twp.) 21 E (Range) S.L.M. (Meridian)

The well is located 660 ft. {N} of S line and 660 ft. {W} of E line of Sec. 24

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

Details of Plan of Work: Well spudded Sept. 15, 1926
Well completed Nov. 14, 1926

10" casing 63 ft. - - 3 joints - 32 lbs.
8¼" " 696 ft. - - 35 " 24 "
6-5/8" " 1965 ft. - - 90 " 17 "

Steel line run 1952 ft.
10" casing cemented from bottom to top with 25 sacks of cement.

6-5/8" casing cemented with 16 sacks cement. 8" casing pulled out 85 joints 696 ft.

7,194,330 ft. of gas per 24 hrs.
Rock pressure 700 lbs. per sq. inch

Sand and gravel	0 to 60	
Shale	60 to 650	
Lime and shells	650 to 900	
Shale	900 to 1945	
Black lime	1945 to 1965	
Sand	1965 to 2070	
Black Lime	2070 to 2110	
Red Lime	2110 to 2120	
Sand	2120 to 2130	
Red Lime	2130 to 2235	
Sand	2235 to 2238	
Gas at	2238 to 2255	

Drillers:
S. H. Cart
Clint Myers

Approved DECEMBER 3, 1926 (Date)
D. P. Wardwell
D. P. WARDWELL
Title DEPUTY SUPERVISOR
BUREAU OF MINES

Company CRYSTAL GARBON COMPANY,
By W. C. Benton
Title President

Files

Serial Number [redacted]

Lease or Permit Lease

G. B. Jenkinson

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

AUG 10 1936

JUN 5 1936

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

Denver, Colorado, June 1, 1936

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

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

Well No. 2 SE¼ Sec 24 (¼ Sec. and Sec. No.) 20S (Twp.) 21 E (Range) S.L.M. (Meridian)

The well is located 660 ft. {N/S} of S line and 660 ft. {E/W} of E line of sec. 24

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

Fill hole with cement through and above the top of the gas sand, then fill hole to the surface with heavy mud and cement plug at the top, with four inch pipe projecting four feet above the ground.

NOTE: Approved with understanding hole will be cleaned out to 2575', a cement plug of 25 sacks placed with dump bailer or pump and tubing to cover gas sands between 2272 and 2150', operations suspended sufficient time to permit cement to set and test of same made. Hole above 2150' to be filled with heavy mud fluid prior to or as the 6-5/8" casing is recovered. The contractor storing of 65' of 10" casing, cemented with 25 sacks, to be left in the hole.

Approved [redacted] (Date) Sept. 15, 1936 Company G. A. Erban, Trustee

E. W. Anderson

Title District Engineer, U. S. GEOLOGICAL SURVEY

Address 326 Federal Bldg. Salt Lake City, Utah

By [signature]

Title Attorney in Fact

Address 1120 First Nat'l Bank Bldg Denver, Colorado

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

APPROVAL GIVEN AS FOLLOWS:

1. Please notify E. W. Manderson, of the U. S. Geological Survey, stationed at Salt Lake City, Utah, actual date of the commencement of plugging and abandonment operations, that a representative of the Survey may be present.

2. A permanent marker, consisting of not less than 10' of iron pipe, not less than 6" in diameter, and extending four feet above the surface to be cemented in the ground at the location of this well.

3. A supplementary report of final abandonment (in triplicate on form 9-331) to be submitted to this office when the work is finished. This report to give a detailed account of the manner in which the work was actually carried out, including the nature and quantities of materials used in plugging and the location and extent (by depths) of the plugs of various materials. Records of amounts, size and locations (by depths) of all casing left in the well, and the names and positions of employees who carried on the work should be included.

Form 9-331a
(Feb., 1926)

U.S. Land Office Salt Lake City

Serial Number 033133-B

Lease or Permit

Files

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

DEC 12 1936

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)

Denver, Colorado Dec. 11, 1936

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 (County or Subdivision) CISCO GAS FIELD (Field)

Well No. 2 SE¼ Sec. 24 (¼ Sec. and Sec. No.) 20 South (Twp.) 21 E (Range) S. L. M. (Meridian)

The well is located 660 ft. {N / S} of S line and 660 ft. {E / W} of E line of sec. 24

The elevation of the derrick floor above sea level is 5077 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.)

Oct. 8, 1936 Well cleaned out to 2125
Oct. 9, 45 sacks of cement placed in bottom of hole with dump bailer
Oct.13, Cement tested and did not fill hole up to 2142
Oct.14, Recemented with 25 sacks
Oct.17, Cement tested O.K. and pipe filled up to 1948
Oct.26, Pipe parted at 962 ft. and pulled, 19 yards of shale used with water and mixed with pump and heavy mud pumped in hole from 1948 to top.
Oct.27, Finished pulling 962 ft. 6-5/8 casing and filling hole with mud.
Nov.19, Sealed top of hole with 5 sacks of cement and placed 6-5/8 by 12 ft. pipe in 10" conductor string, projecting 4 ft. above ground.

Work performed by Thomas S. Golden, Grand Junction, Colorado, under contract for C. A. Urban, Trustee for Operator-Crystal Carbon Company, under contract with Lessee.

G. B. Jenkinson, Lessee

Approved ~~December 28, 1936~~ (Date)

E. W. Henderson,
Title District Engineer
306 Federal Building, SURVEY
Address Salt Lake City, Utah

~~Company~~ by C. A. Urban, Trustee, Agent

By C. A. Benton
Title ~~His Attorney in Fact~~ Trustee of Operator under ~~contract with lessee.~~
Address 1130 First National Bank Bldg. Denver Colorado

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