

REQUIREMENTS

Entered in NID File _____
 Entered On S R Sheet _____
 Location Map Pinned _____
 Card Indexed _____
 IWR for State or Fee Land _____

Checked by Chief _____
 Copy NID to Field Office _____
 Approval Letter _____
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 11-20-28
 OW _____ WW _____ TA _____
 GW OS _____ PA

Location Inspected _____
 Bond released _____
 State of Fee Land _____

10-4-3605 FILED

Driller's Log _____
 Electric Logs (No.) _____

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
 Lat _____ Mi-L _____ Sonic _____ Others _____

RECEIVED
 SEP 27 1928
 U.S. GEOLOGICAL SURVEY
 (Circular stamp)

GEOLOGICAL SURVEY
 RECEIVED

DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

U.S. Land Office _____
Salt Lake City,
 Serial Number 257122 B.
 Lease or Permit La.

SALT LAKE CITY, UTAH
 GENERAL LEASING DIVISION

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	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.

September 20th., 1928.

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

Utah Grand ECisco Dome
 (State or Territory) (County or Subdivision) (Field)
 Well No. 6 Center N.E. of N.W. $\frac{1}{4}$ Sec. 23, 20S 21 E. S. 1. M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 660 ft. S of N. line and 1980 ft. E of W. line of sec. 23.

The elevation of the derrick floor above sea level is 5,127 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.)

Between 60' and 100' of 10" and cement.
 " 700' " 800' " 8 1/4".
 " 1900' " 2100' " 6-5/8" cement.

Approved Wm. H. Strang
 (Date) Sept. 27, 1928
 Title DEPUTY SUPERVISOR
 GEOLOGICAL SURVEY
 Address CASPER WYOMING

Company Crystal Carbon Company.
 By S. L. Bennett
 Title Superintendent.
 Address Cisco, Utah.

LOC. 17
644 74
S.L. 031138

DF ELEV 513

SPUDDED IN

COMPLETED

10-12-28

11-13-28

INITIAL PRODUCTION

OIL

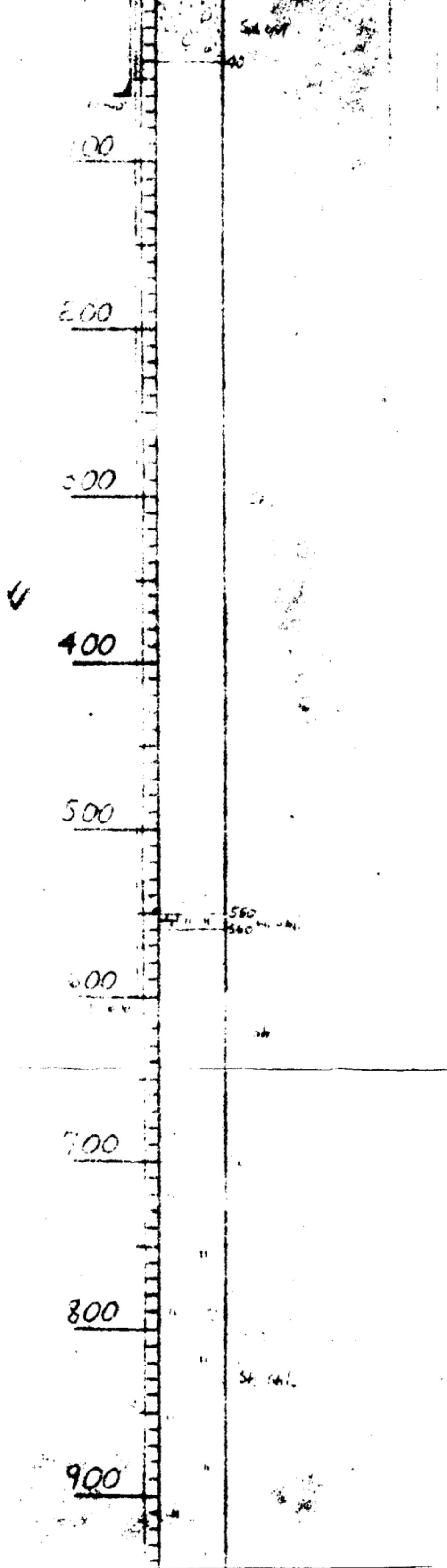
WATER

0

0

DROWN HNL

Checked 11-13-28



2000

1900

009

1700

1600

1500

1400

1300

1200

1100

1000

45

20

GRAND COUNTY
Ciseco Dome

Crystal Carbon Co., #6,
C MENW Sec. 23-20S-21E

(S. L. 033133B)

OCT -- 1928

Crystal Carbon Co. Well #6,
C MENW Sec. 23-20S-21E (S. L. 033133B)

600' S/N, 1000 E/W Sec. 23. Elevation 5127'.
Commenced drilling Oct. 15, 1928. Now drilling at 850' in Mancos shale. Casing
program similar to other wells on Dome: 10" surface string, 700'-1000' of 8 1/2"
to be pulled, and 1000'-2100' of 5/8" cemented on top of gas sand.
(Letter 10/26/28)

NOV 1928

Crystal Carbon Co.,
C-MENW Sec. 23-20S-21E (S. L. 033133B)

Completed as a gas well 11-13-28. Details not yet received. Will report next month.

DEC 1928

Crystal Carbon Co., Well #6,
C-MENW Sec. 23-20S-21E (S. L. 033133B)

Completed as a gas well 11-13-28. Gas sand 2089'-2108' (Dakota). T. D. 2108'.
10" casing cemented at 60'; 8" set at 600' and pulled later; 6 5/8" cemented at
2051'. I. P. 3,500,000 cu. ft of gas. R. P. 750#. Turned into line 11-20-28.
(Log 11-24-28)

11-20-28 C MENW, Crystal Carbon Co., Well #6 (S.L. 033133-B), Ref.
No. 10.

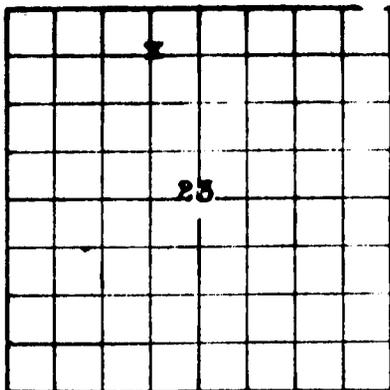
Aug. 1936

STATUS: CMI. T. R. 2108'.

REMARKS: Rigging up to abandon this well has been com-
pleted. The work will be done by a plugging contractor as
agent of G. A. Urban, trustee of Crystal Carbon Company.
Due to adverse marketing conditions and small volume of gas
produced by the ten remaining gas wells in the Ciseco Dome
field, the trustee has decided to completely abandon the
field and salvage equipment. No market for the gas can be
developed that would have reasonable assurance of a return
on the investment and for that reason plugging and abandon-
ment of all wells in the field, with the exception of one to
be used by a rancher for heating and lighting purposes, has
been completed. Notice of intention to abandon approved
August 28, 1936.

U. S. LAND OFFICE **Salt Lake City**
 SERIAL NUMBER **085135B**
 LEASE OR PERMIT TO PROSPECT **L.**

Baker



DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

RECEIVED
 NOV 14 1928
 SALT LAKE CITY UTAH
 MINERAL LEASING DIV.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Crystal Carbon Company Address Cisco, Utah.

Lessor or Tract _____ Field Cisco Dome State Utah.

Well No. 6 Sec. 23 T. 20S R. 21E Meridian S. L. M. County Grand

Location 660 ft. ^(N.) of N. Line and 1900 ft. ^(E.) of W. Line of Sec. 23 Elevation 5,127'
(Elevation 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 S. J. Bennett

Date 11/13/28.

Title Superintendent.

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

Commenced drilling October 15th, 1928. Finished drilling November 13th, 1928.

OIL OR GAS SANDS OR ZONES

No. 1, from <u>2080' G.</u> to <u>2108' G.</u>	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. _____ from _____ to _____
No. 2, from _____ to _____	No. _____ from _____ to _____

LOGGING RECORD

Casing	Weight per foot	Threads per inch	Depth	Remarks	Perforated		Purpose
					From	To	
6 5/8"	178	1 1/2"	2081'	all pulled			

MUDDING AND CEMENTING RECORD

Casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
6 5/8"	2051'	10 bags.			
		15 "			

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 _____ feet to **2108'** feet, and from _____ feet to _____ feet

DATES

Put to producing **November 20th, 1928.**

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 **2,500,000'** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **750'**

EMPLOYEES

S. H. Cart. _____, Driller _____, Driller
Clint Myers. _____, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0'	40'	40'	Sand & gravel,
40'	550'	510'	Shale,
550	560	10	Line shells,
560'	700	140	Shale,
700	950	250	Shale & shells,
950	2031	1081	Shale,
2031	2035	4	Gyp,
2035	2050	15	Shale,
2050	2055	5	Sand,
2055	2070	15	Shale,
2070	2075	5	Sand,
2075	2080	5	Shale,
2080	2108	28	Sand.
			2108' Total depth.
FROM	TO	TOTAL FEET	FORMATION

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. Land Office
Well No. _____
Point _____
G. B. Johnston

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 10 1936	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO SHOOT	SUPPLEMENTARY WELL HISTORY

(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 lease described as follows:

Utah Grand County Cisco Field
(State or Territory) (County or Subdivision) (Field)
Well No. 6 NW 1/4 Sec. 23 20 S 21 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

The well is located 600 ft. N of S line and 1200 ft. E of W line of sec. 23

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.)

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.

The most recent test of this well showed the rock pressure to be 20 pounds and the volume negligible. A proper plan of plugging and abandonment, in addition to details given above, requires the hole to be cleaned out to bottom at 2100', sufficient water or mud placed in hole to kill all gas agitation, and a cement plug of 10 sacks placed across face of gas sand at 2000 to 2100'. Operations to be suspended 24 hours thereafter to permit test and approval of cement set. The 6-5/8" art at 2021', cemented with 15 sacks, may then be parted by ripping or shooting, hole filled to surface with mud fluid by circulation or other first approved method, and recoverable portion of 6-5/8" casing pulled. The conductor string of 8" of 10' cement to be left in the hole.

Approved: *[Signature]*
E. W. Johnston
Title District Engineer
306 Federal Bldg.,
Salt Lake City, Utah.

By *[Signature]*
Title Attorney in Fact
1120 First Nat'l Bank Bldg
Denver, Colorado

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

APPENDIX SEVEN AS F 0884

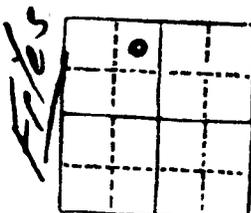
1. Please notify E. H. Rensselaer, of the U. S. Geological Survey, stationed at Salt Lake City, Utah, actual date of the commencement of plugging and abandonment operations, with a representative of the Survey to be present.
2. A permanent marker, consisting of not less than 10' of iron pipe, not less than 4" 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 S-521) 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. THIS REPORT MUST BE SIGNED TO BY THE EMPLOYEES ACTUALLY IN CHARGE OF THE WORK.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. Land Office Salt Lake
City, Utah

Serial Number 033133-3

Lease or Permit No. _____
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS DEC - 7 1936

NOTICE OF INTENTION TO DRILL		SUBSEQUENT RECORD OF SHOOTING	
NOTICE OF INTENTION TO CHANGE PLANS		RECORD OF PERFORATING CASING	
NOTICE OF DATA 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, December 3, 1936.

Following is a ~~report of work done~~ report of work done on land under ~~lease~~ lease described as follows:

UTAH (State or Territory) Grand County (County or Subdivision) Cisco Gas Field (Field)

Well No. 6 ~~1/2~~ 1/2 of Sec. 25 T. 20 S. R. 21 E. S. 1, 2, 3, 4 (Range) (Meridian)

(1/2 Sec. and Sec. No.) (Twp.)

The well is located 620 ft. S of N. line and 1900 ft. E of W. line of sec. 25

The elevation of the derrick floor above sea level is 5,127 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.)

Well cleaned out to bottom, total depth, 2106 feet. September 8, 1936, cemented with 15 sacks of cement. Sept. 11, 1936, cemented with 20 sacks of cement, total cement, 35 sacks. Total of 21 yards of shale used with water and mixed with water at 1800, 1850, 1900, 1950, 2000, 1550, 1200, 1000, and 950 feet; unable to pull; jumped and heavy mud in hole from 2062 feet to top. Pipe broken with collar hydraulic jacks were used and pipe parted at 544 feet; 544 feet of 6-5/8" pipe recovered, 25 joints. Finished pulling 6-5/8" pipe and mudding hole on September 28, 1936. Sealed top of hole with 20 feet of 4" pipe cemented in the 10" conductor string and projecting four feet above the ground, on October 4, 1936.

Work performed by Thomas J. Schlem, Grand Junction, Colorado, under contract for G. A. Urban. Trustee for operator, Crystal Carbon Company, under contract with lessee.

G. B. Jenkinson, Lessee

Approved December 7, 1936
[Signature]

Title District Engineer
205 National Geological Survey
Address Salt Lake City, Utah

By G. A. Urban, Trustee, Agent.

By *[Signature]*
His Attorney in Fact.

Title Trustee of Operator under contract with lessee.

Address 1120 First National Bank Bldg.,
Salt Lake City, Utah

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

23-208-21E C NE NW, Crystal Carbon Co., Well #6 (S.L. 033133-B) Ref. No. 10.

STATUS: GSI. T. D. 2108'. (Visited 9-16-1936)

REMARKS: A cement plug of 15 sacks placed to protect gas sands between 2080 and 2108' failed to set properly and hole was re-cemented with 20 sacks. Failure of cement to set in first instance was due to improper method used, i. e., pumping cement in at wellhead and allowing it to settle to bottom through a hole full of water, and was corrected in the latter by using a dump bailer. Crew repairing rig at time of visit which had been pulled down when trying to start the 6-5/8" casing.

23-208-21E C NE NW, Crystal Carbon Co., Well #6 (S.L. 033133-B) Ref. No. 10.

STATUS: ABD. T. D. 2108' (Visited 10-23-1936)

REMARKS: Abandonment work was completed on this well on October 4, 1936. Subsequent report of abandonment has not been submitted for approval. Plugging contractor recovered only 544 feet of the 2061 feet of 6-5/8 inch casing in the hole. Cost of plugging the well will far exceed the value of casing salvaged.

23-208-21E C NE NW, Crystal Carbon Co., Well #6 (S.L.C. 033133-B) Ref. No. 10.

STATUS: ABD. T. D. 2108'. (Visited 11-20-1936)

REMARKS: Plugging ~~and abandonment work~~ completed ^{but} subsequent report ~~of abandonment~~ not ^{yet} submitted, for approval. Plugging Contractor has been notified that all operations will be shut down unless this reports and other information requested ~~is~~ ^{are} submitted immediately. Will be

APPROVAL TO DRILL given with the following understanding:

1. The permittee shall permanently mark all rigs or wells in a conspicuous place with his name or the name of the actual operator, and the number or designation of the well, and shall take all necessary means and precautions to preserve these markings.
2. 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.
3. All water to be confined to its original stratum and test made for water shut off before drilling ahead.
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. 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 cased to prevent migration.
6. A string of casing to be set (cemented if necessary) above the productive sand and water shut off test made before drilling in.
7. Kindly notify E. G. Barton, stationed at Salt Lake City on form #331a, at time of mudding, cementing and water shut off tests, that a representative of the Survey may be present.
8. Lessee's monthly report of wells (form #329) must be filled out each calendar month and forwarded to the Casper, Wyoming, office not later than the 6th day of the following month.