

STATE OF COLORADO
APPLICATION FOR USE OF GROUND WATER
(Use Indelible Pencil or Typewriter)

RECEIVED

Applicant G. W. Cass

P.O. Address Briggsdale, Colo.

Quantity applied for 15 gpm or
AF Storage

Used for Livestock Purposes

on/at _____
(legal description of land site)

Total acreage irrigated and other rts. _____

ESTIMATED DATA OF WELL

Hole size: 6 1/2 in. to 147 ft.
_____ in. to _____ ft.

Casing Plain 6 in. from 0 to 120 ft.

_____ in. from _____ to _____ ft.

Perf. _____ in. from _____ to _____ ft.

_____ in. from _____ to _____ ft.

PUMP _____ Outlet _____

DATA: Type reciprocating HP _____ Size _____

Windmill

Use initiation date _____ 19 _____

(Use Supplemental pages for additional data)

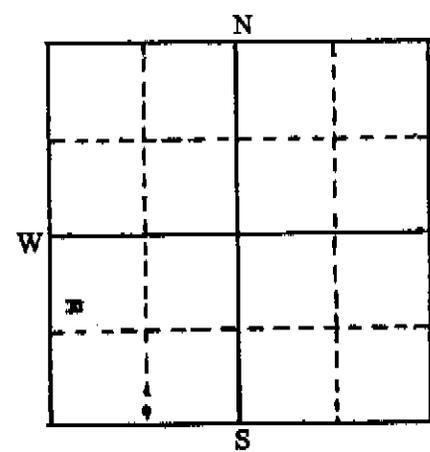
LOCATION OF WELL
County Weld

NW 1/4 SW 1/4 Sect. 7N

Rge. 62W, 6 P.M. OR

Street Address or Lot & Block No. _____

Town or Subdivision _____



Locate well in 40 acre (small) square as near as possible.

\$25.00 fee required for Industrial, Commercial or Irrigation uses.

Applicant G. W. Cass

Agent or _____

Driller Ed Lesh Well Drilling Co No. 21

Address Ault, Colorado

THIS APPLICATION APPROVED
NO. 7120
DATE SEP 30 1960 19 _____

NOTE — SATISFACTORY COMPLETION REQUIRED FOR APPROVAL OF APPLICATION

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
GROUND WATER SECTION

RECEIVED

OCT 28 1960
GROUND WATER SECT
COLORADO
STATE ENGINEER

9-57
Index No. 851
IDWD 1-1
Use Domestic
Registered 1922/62
Cards Typed DEC 7-1960

LOG AND HISTORY OF WELL
PERMIT NO. [REDACTED]
Lic. [REDACTED] 7120

Drilled by Ed Lash Well Drilling No. 21

WELL LOCATION

Owner G. W. Cass

Weld 62 County

Address Brigsdale, Colo.

NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sect. 09

Tenant Same

Twp. 7N, Rge. 62W, 6 PM

Used for Domestic

LOCATE WELL ACCURATELY
IN THE SMALL SQUARES REP-
PRESENTING 40 ACRES

on or by _____

(description of site or land)

Date Started Sept. 60, 19__

Date Completed Same, 19__

Date Tested Same, 19__

Yield 12 gpm 00 ~~gpm~~ cfs

Pump type windmill Outlet Size _____

Driven by _____ HP @ RPM _____

Depth to Water 25 Ft. Draw down _____ Ft.

Depth to Inlet _____ Ft.; Bowl _____ Ft.

Size and Kind of Casing:

From 0 to 80 Type 5 1/2" dia Wt. 11

From _____ to _____ Type _____ Wt. _____

From _____ to _____ Type _____ Wt. _____

Perforations: Size and Type

From 80 to 113 1/2 Type torax Size _____

From _____ to _____ Type _____ Size _____

From _____ to _____ Type _____ Size _____

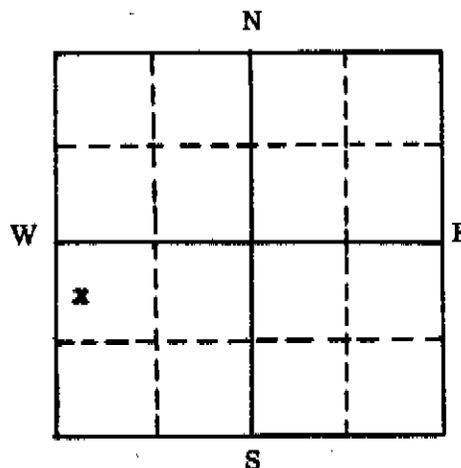
Well description: Total Depth 147 1/4 Ft.

(from 0 to 147, 8 3/4 in.

Hole (from _____ to _____, _____ in.

Diam. (from _____ to _____, _____ in.

(from _____ to _____, _____ in.



If the above is not applicable
fill in:

Town or Subdivision _____

Street Address or Lot & Block _____

Ground elevation _____
(if known)

How Drilled:

Standard Rotary - casing w
on top and hanging in hole.

REMARKS

Cementing, Packing, Type of
Shut-off, Depth to Shut-off, etc.
PUT LOG OF WELL ON RE-
VERSE SIDE

TO BE MADE OUT IN QUADRUPLICATE: Original Blue and Duplicate Green to
State Engineer's Office, White copy to Owner, and Yellow copy to Driller

NW 5W 9- 7N-62W

LOG OF WELL
(ADD SPACES AS NEEDED)

| | | | | | |
|------|------------|--------|------------|-----|---|
| From | <u>0</u> | ft. to | <u>2</u> | ft. | topsoil |
| | <u>2</u> | ft. to | <u>8</u> | ft. | brown clay |
| | <u>8</u> | ft. to | <u>10</u> | ft. | broken sandstone & dirty gravel |
| | <u>10</u> | ft. to | <u>15</u> | ft. | rust gray & brown clay |
| | <u>15</u> | ft. to | <u>28</u> | ft. | gray buff shale (loss of water) |
| | <u>28</u> | | <u>40</u> | | light gray shale with fine sand streaks |
| | <u>40</u> | | <u>100</u> | | dark gray shale with shell beds & coal |
| | <u>100</u> | | <u>130</u> | | light & dark gray coarse sand |
| | <u>130</u> | | <u>147</u> | | dark gray sand shale |
| | | | | | Bottomed 147' |