483

Other 485 Concrete Trough Compton well 2 in no.
Reservation
Location Northern Navajo
Date Developed 2 Mi.S.W.Midwest oil field 19
Flow in gals. per minute:
Before Development June After 31

Development (or remarks):

This artesian well is in the Midwest oil field belt, and since there is an abundance of water their it was decided to construct two reinforced concrete stock watering troughs. for Indians in that section of the country.

WR 11486

CV-6417-201

NN004937

CV-6417-201

NAVAJO AND HOPI SPRING DEVELOPMENT
FIFTH IRRIGATION DISTRICT

432

Name
Other Name ~~Tushin Beto Well & Trough~~
Reservation
Location N. Navajo
~~West end of Shiprock~~
Date Developed 19
Flow in Gals. per October 31
Before Development ~~none~~ After 1

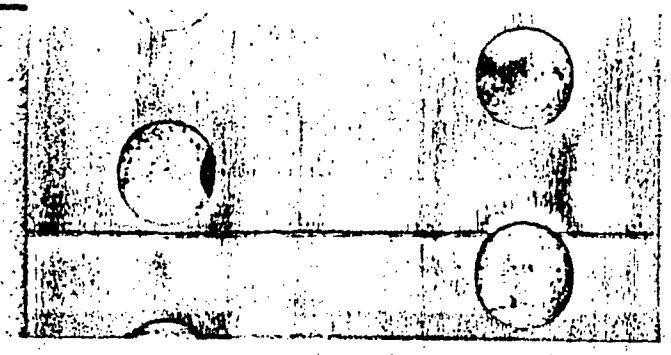
Development (or remarks)

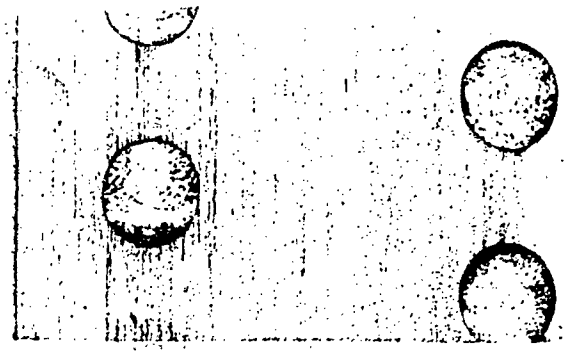
This well was excavted down thru sand, clay and into coarse sand, depth of well 12 Ft. Stone wall laid up and backfilled with gravel to water level, concrete slab with man hole molded over top of well, and a reinforced concret trough constructed.

WR 11487

NN004938

CV-6417-201





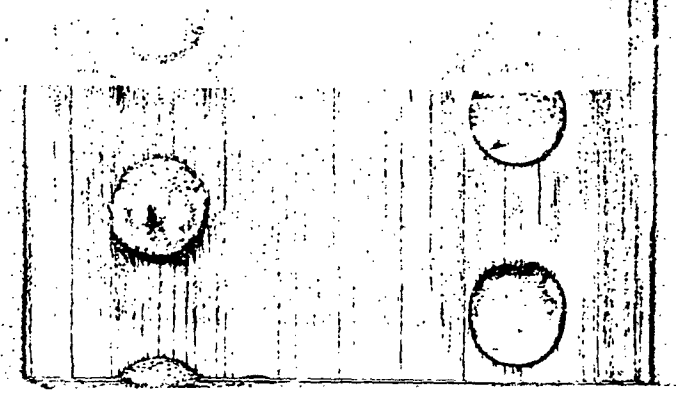
NAVAJO AND HOPI SPRING DEVELOPMENT
FIFTH IRRIGATION DISTRICT

464

Name Blue Canyon Well & Trough
Other Names
Reservation N.Navajo
Location 9 Miles S.E. Midwest oil Field and 4 Mi.S.W.of Blue Water Well
Date Developed February 19 1931
Flow in Gals. per minute:
Before Development none After 5

Development (or remarks)

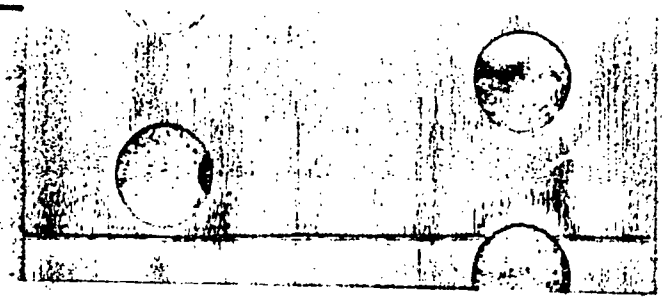
This well was excavated down and into coarse sand and gravel to a depth of ten feet, rock wall laid up and backfilled with gravel, a concrete slab with man hole molded over top of well, and a reinforced concrete trough constructed.

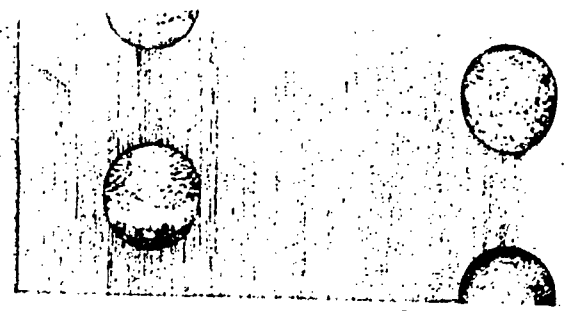


WR 11488

NN004939

CV-6417-201



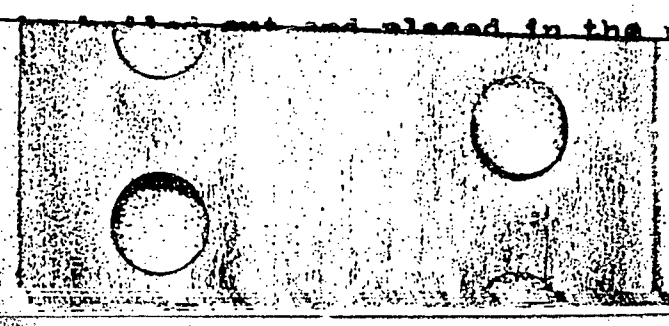


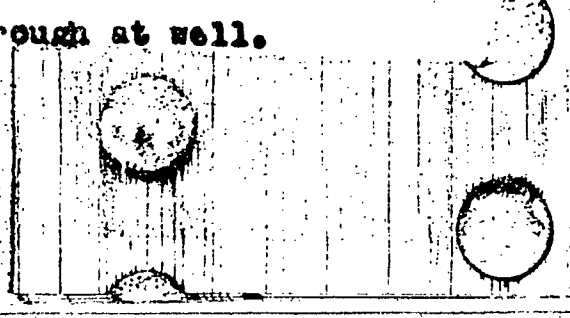
NAVAJO AND HOPI SPRING DEVELOPMENT
FIFTH IRRIGATION DISTRICT

482
Name
Other Names One Eye Well and trough
Reservation
Location Northern Navajo
8 milesSwest of Shiprock agnecy,4 mi.s.Rattle snake
Date Developed 19
Flow in Gals. per minute:
Before Development May 31 After
Development (or remarks) none 1

This was developed in the form of a spring several years ago,but owing to the lowering of water level would not flow only at such times when the rainy season raised the water level,therefore we excavted down to 10 ft.diameter at bottom of well 7½ ft.at top 3 ft.origin 1 pipe line as continued into well 6 ft.above bottom and during most of the season will flow into original trough,and as water level is lowered

Name
[illegible] cut and placed in the new trough at well.





WR 11489

NN0049402

CV-6417-201

461

Name Say Zin Well
Other Names
Reservation N.Navajo
Location 16 Mi.S.of Shiprock, ½ Mi.E.on Highway
Date Developed February 19 31
Flow in gals. per minute:
Before Development none After ½

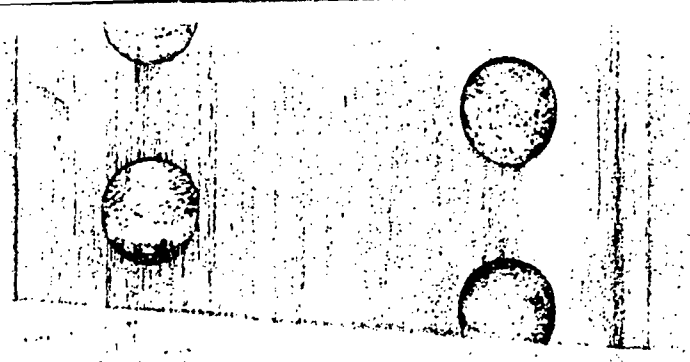
Development (or remarks):

This well was developed for Domestic use, exsavted dwon 12 Ft. rock wall laid up and backfilled with gravel, a concrete slab with man hole molded over top of well.

WR 11490

NN004941

CV-6417-201



441

Name Red Rock well & Trough

Other Names

Reservation N.Navajo

Location 4 Miles E.of To clees sec dam on Tocito wash

Date Developed November 1931

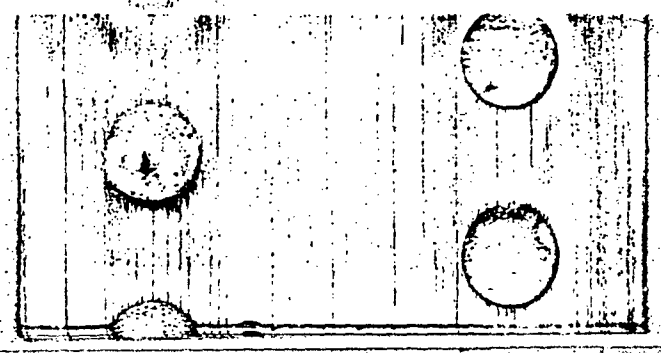
Flow in gals. per minute:

Before Development seep After 8

Development (or remarks):

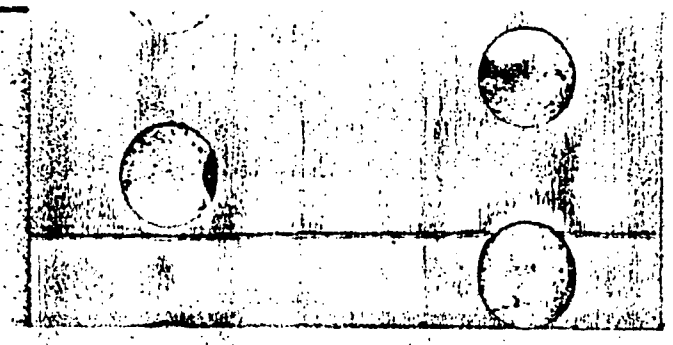
This well was excavated down thru sand and gravel and into clay rock wall laid up and backfilled with gravel, gravel fileter placed back of wall ,a concrete slab with man hole molded over top of well depth of well 20 ft. a reinforced concrete trough was also constructed.

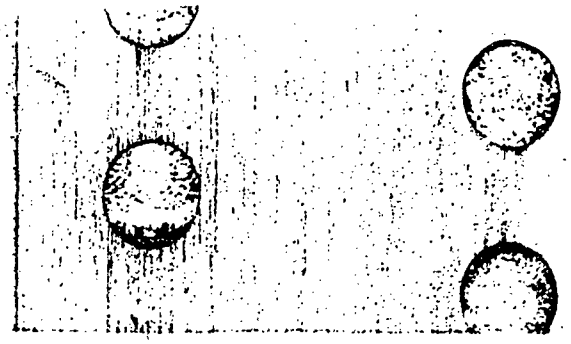
WR 11491



NN004942

CV-6417-201





NAVAJO AND HOPI SPRING DEVELOPMENT
FIFTH IRRIGATION DISTRICT

462

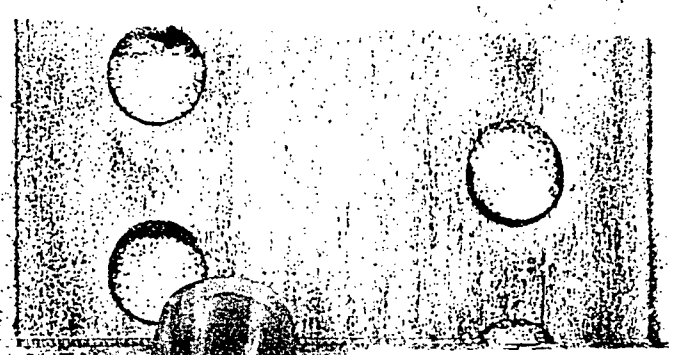
Name Ram Rod Spring, Storage raser, & Trough
Other Names
Reservation N. Navajo
Location 16 Mi. S. of Shiprock on Gallup Shiprock Highway

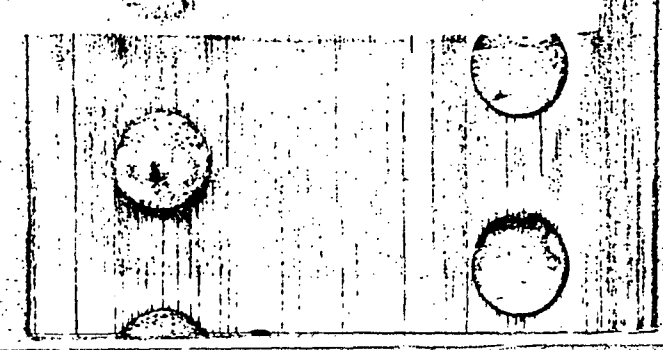
Date Developed February 19 31
Flow in Gals. per minute:
Before Development seep After 1

Development (or remarks)

This spring was excavated down and into shale, perforated pipe laid and backfilled with gravle, and piped to a small storage reservoir and reinforced concrete trough.

WR 11492





NN004943

CV-6417-201

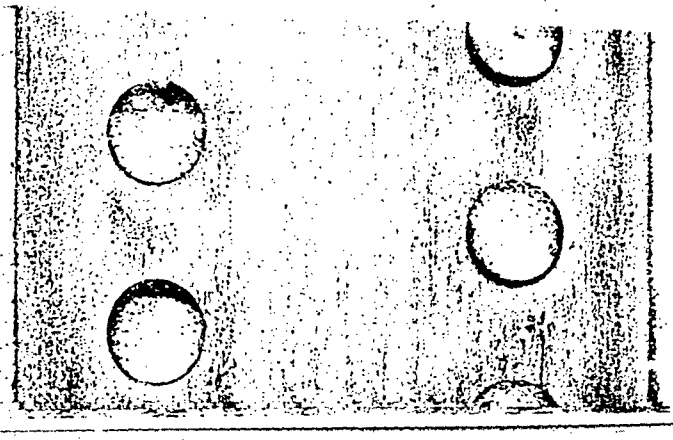
NAVAJO AND HOPI SPRING DEVELOPMENT
FIFTH IRRIGATION DISTRICT

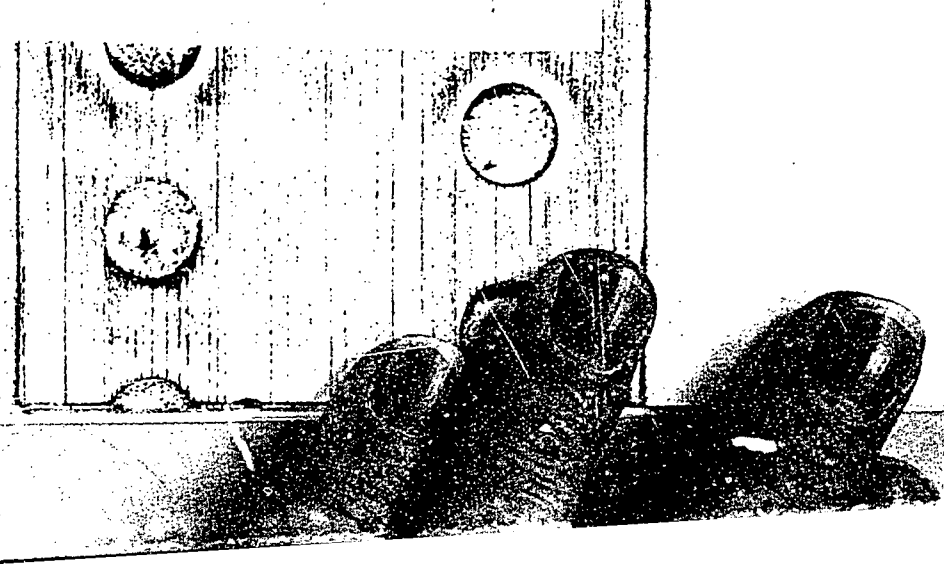
456

Name
Other Names Coal Mine well & Trough
Reservation
Location N.Navajo
8 Miles SE.of Table Mesa
Date Developed
Flow in Gals. per minute January 31
Before Development seep After 7

Development (or remarks)

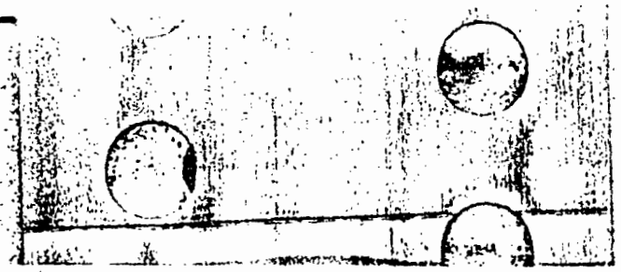
This well was excavted down thru coal and into shale, water coming in at contact of coal and shale,rock wall laid up and backfilled with gravel,a concrete slab was molded over top of well and a reinforced concrete trough constructed. depth of well 15 ft.





WR 11493

NN004944



NAVAJO AND HOPI SPRING DEVELOPMENT
FIFTH IRRIGATION DISTRICT

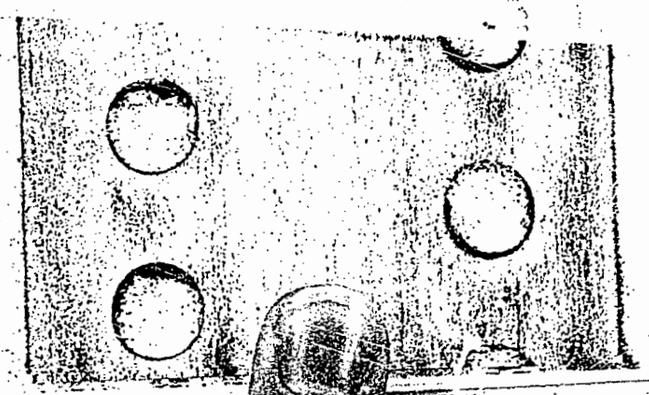
452

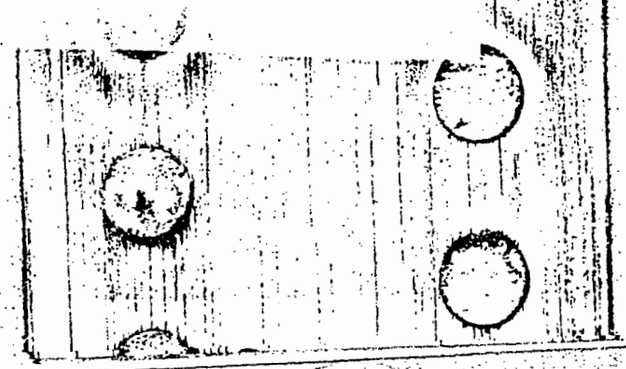
Name
Other Name Sand well & Trough
Reservation Navajo
Location 3 Miles N. of Alkali well on east side of Chaco

Date Developed 19
Flow in Gals. per December 31
Before Development none After

Development (or remarks)

This well was excavated down to 10 ft. in Liquid sand flat slab rock laid in bottom and walls laid up, back-filled with gravel filter, a concrete slab with man hole molded over top of well, and a reinforced concrete trough constructed.

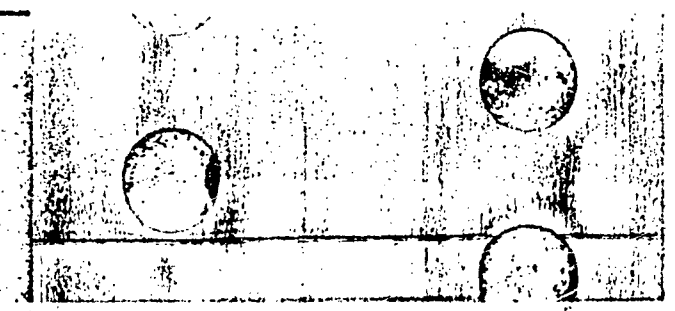


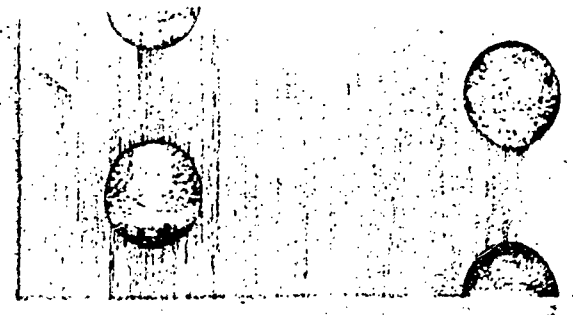


WR 11494

NN00494

CV-6417-201





NAVAJO AND HOPI SPRING DEVELOPMENT
FIFTH IRRIGATION DISTRICT

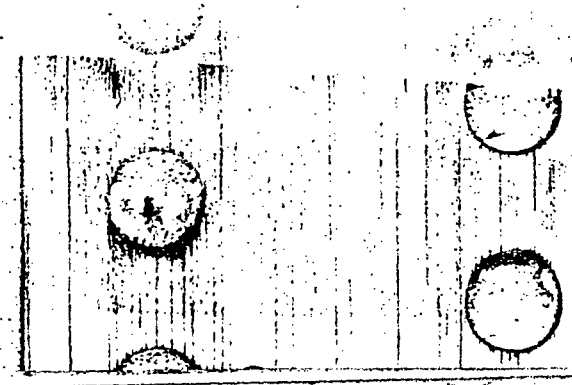
442

Name Alkali Well & Trough
Other Name
Reservation N.Navajo
Location 10 Miles N.E.Of Saphur Peaks on west side of Charco wash.
Date Developed December 31 19
Flow in Gals. per minute:
Before Development none After 2

Development (or remarks)

This well was excavated down and into Liquid sand 4 Ft. a layer of godd slab rock placed in bottom and rock wall laid up and backfilled with gravel to water level, a concrete slab with man hole molded over top of well,and a reinforced concrete trough constructed.

WR 11495



NNO04946

CV-6417-201

NAVAJO AND HOPI SPRING DEVELOPMENT
FIFTH IRRIGATION DISTRICT

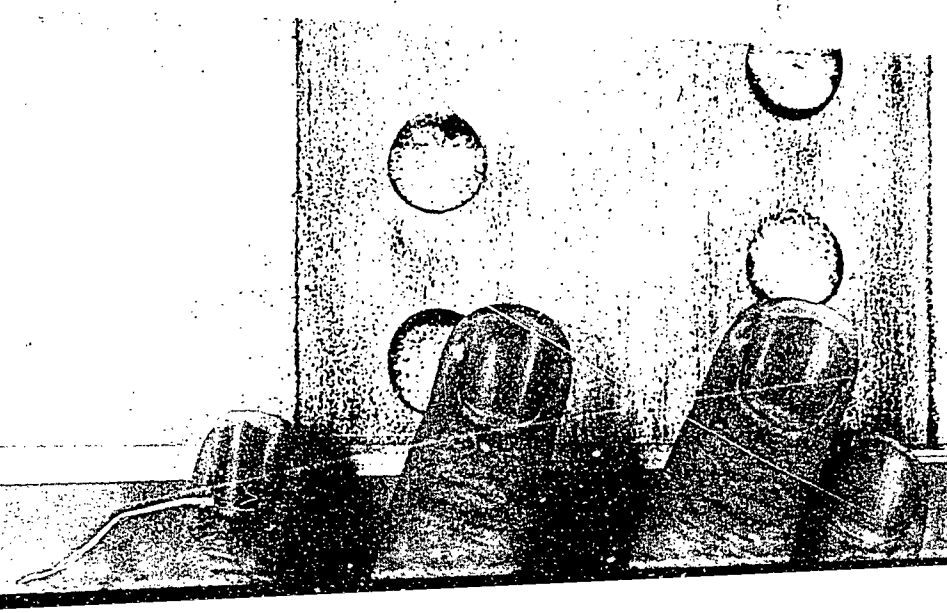
440

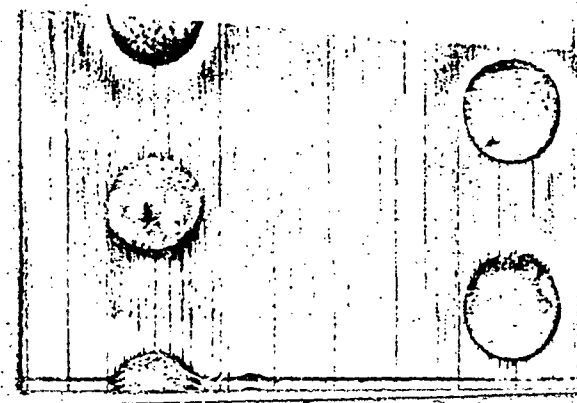
Name To el co see well and trough
Other Names
Reservation N.Navajo
Location 5 Miles N. of Suphur Peaks or stinking springs

Date Developed November 31
Flow in Gals. per Minute:
Before Development none After 2 Qts

Development (or remarks)

This well was excavated down and into shale, rock wall laid up and backfilled with gravel, depth of well 10 Ft. water raises 5 Ft. in well a concrete slab with man hole molde over top of well and a reinforced concrete trough constructed.





WR 11496

NNN004947

CV-6417-201

479

Name

Other Rough Rock Spring and trough

Reservation

Location Northern Navajo

12 miles N.E. of Burnhams store

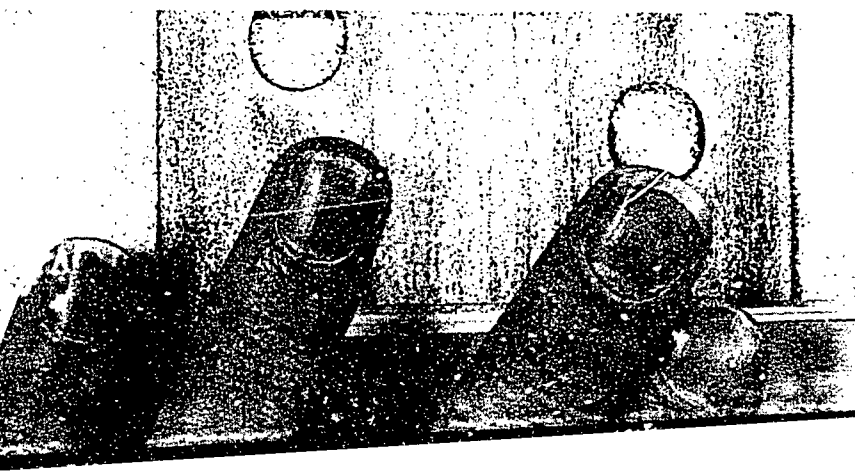
Date Developed 19

Flow in gals. per Minute: 31

Before Development ½ After 1½

Development (or remarks):

This spring was excavated down and into shale, perforated pipe laid and backfilled with gravel filter, and piped 320 ft. to a reinforced concrete stock watering trough.



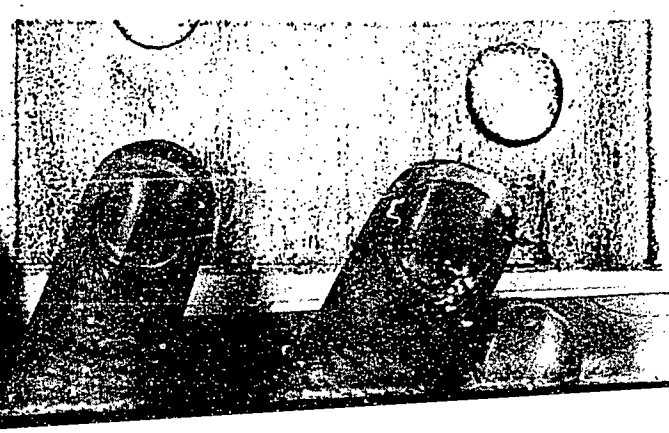
WR 11497

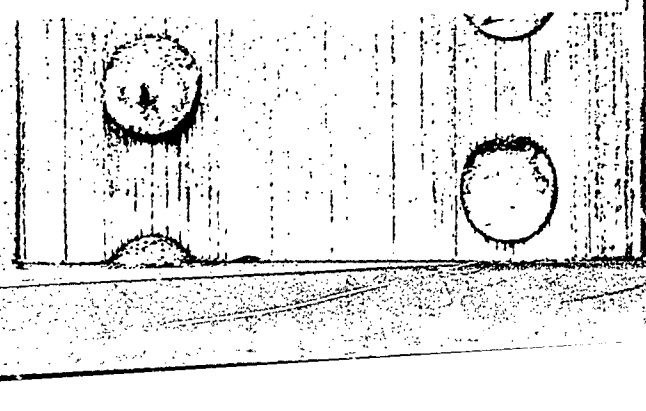
NN004948

Name Red Mule
481
Other Names Red Mule spring and trough
Reservation Red Mule
Location Northern Navajo
14 miles north of Burnham store
Date Developed 19
Flow in gals per minute:
Before Development June After 31
seep 2
Development (or remarks):

This spring was excavated down thru clay, sand and into shale, perforated pipe laid and backfilled with gravel filter and piped 300 ft. to a reinforced concrete stock watering trough.

WR 11498





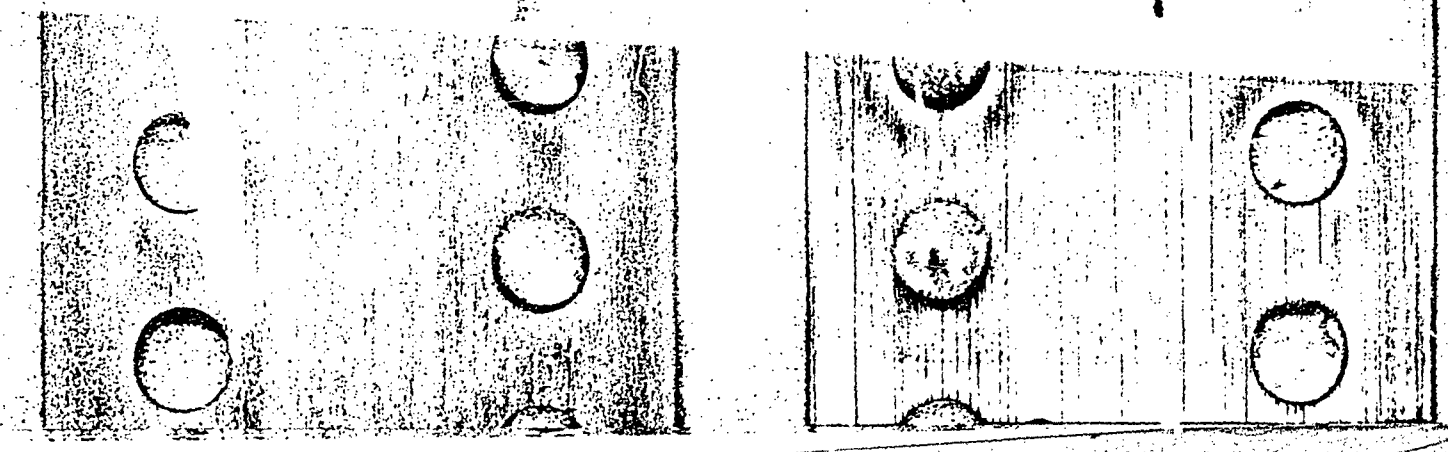
CV-6417-201
NN004949

CV-6417-201

NAVAJO AND HOPI SPRING DEVELOPMENT
FIFTH IRRIGATION DISTRICT

M60
Other Name Cedar Berry well for Domestic use.
Reservation
Location Northern Navajo
1½ Miles N. of Luki spring
Date Developed 19
Flow in Gals. per min. May: 31
Before Development After
seep 1/4
Development (or remarks)

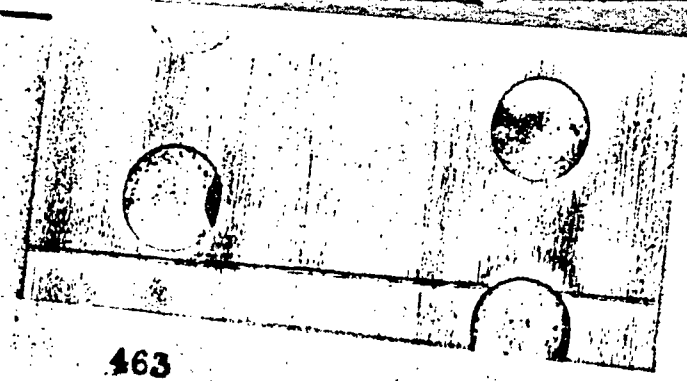
This well was excavated down thru small layer of shale and into sand stone, depth of well 8 ft. diameter at bottom 6 ft. at to 5 ft. a concrete slab with man hole molded over top of we .

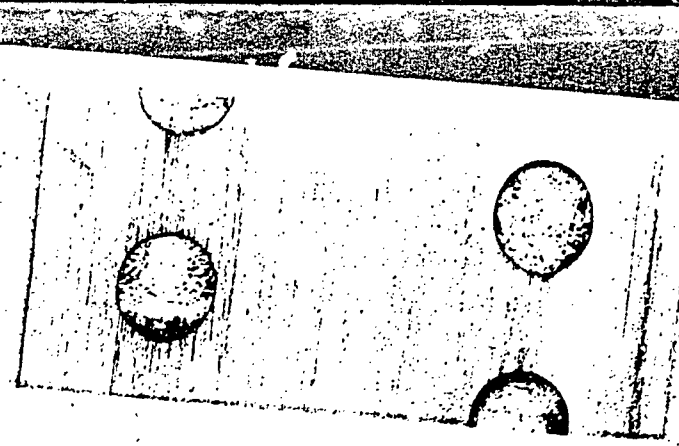


WR 11499

NN004950

CV-6417-201





463

Name Blue Water Well & Trough

Other Names

Reservation N.Navajo

Location 18 Mi.S.E.of Mid West Oil Field and 9 Miles S.of Fruitland

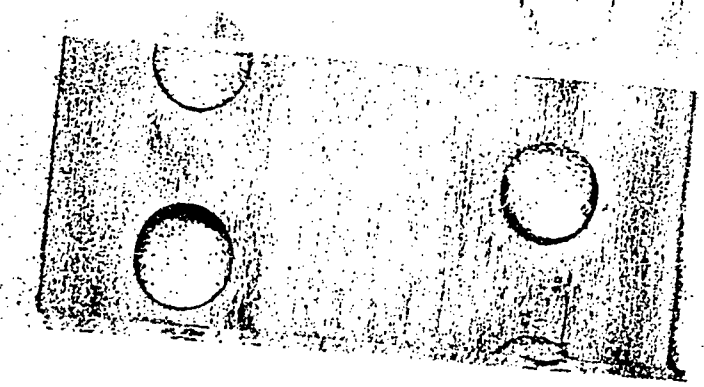
Date Developed February 19 31

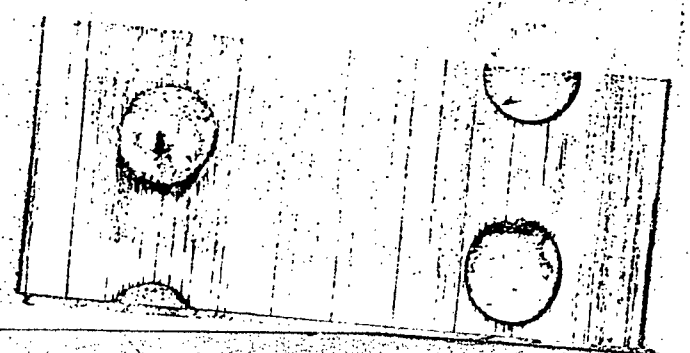
Flow in gals. per minute: Before Development None After 1

Development (or remarks):

This well was excavated down and into shale,rock wall l id up and backfilled with gravel,a concrete slab with man hole molded over top of well,and a reinforced concrete trough constructed,depth of well 15 Ft.

WR 11500





NN0049

CV-6417-201

Name 457

Other Names Curley Jims Spring & Trough

Reservation N. Navajo

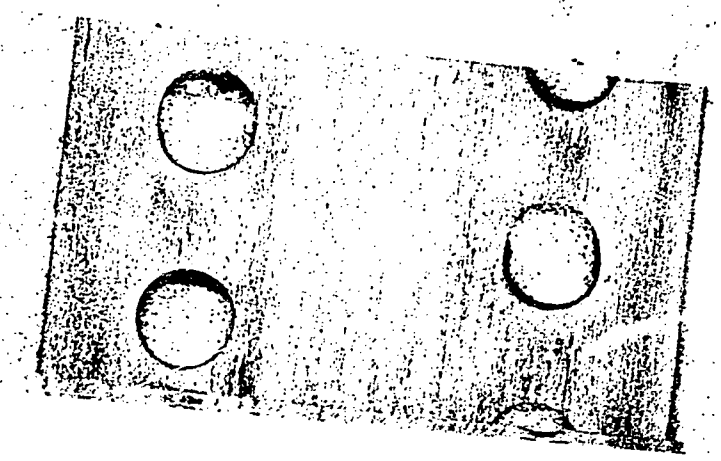
Location 4 Miles N of Mid west Oil field, west of Charco and East of Hogback

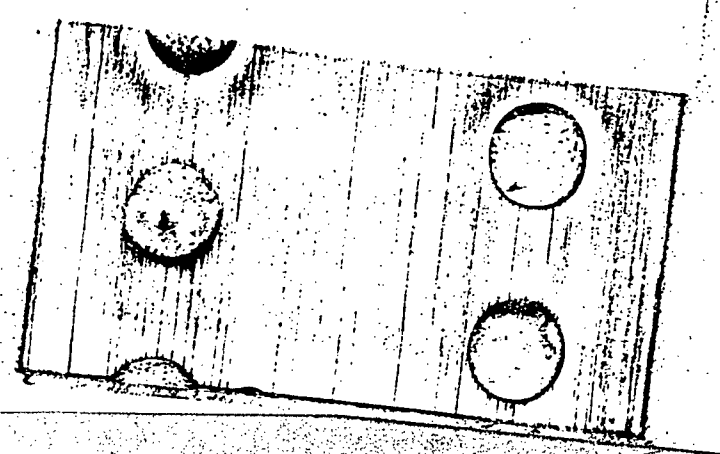
Date Developed February 19 31

Flow in gals. per Before Development none After 1

Development (or remarks):

This spring was excavated down and into sand stone, perforated pipe laid and backfilled with gravel, and piped o a reinforced concrete stock watering trough.





WR 11501

NN004952

CV-6417-201

Name 453

Other Name Wild Cane well & Trough

Reservation N.Navajo

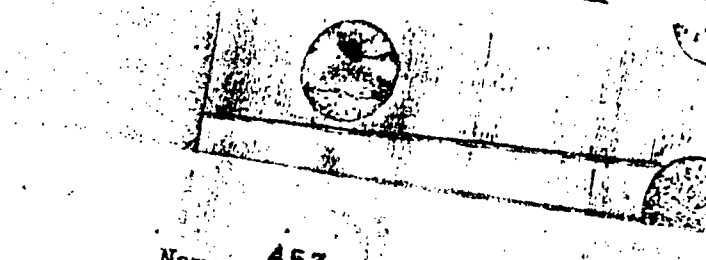
Location 8 Mi.E.of Table Mesa E.side of Charee

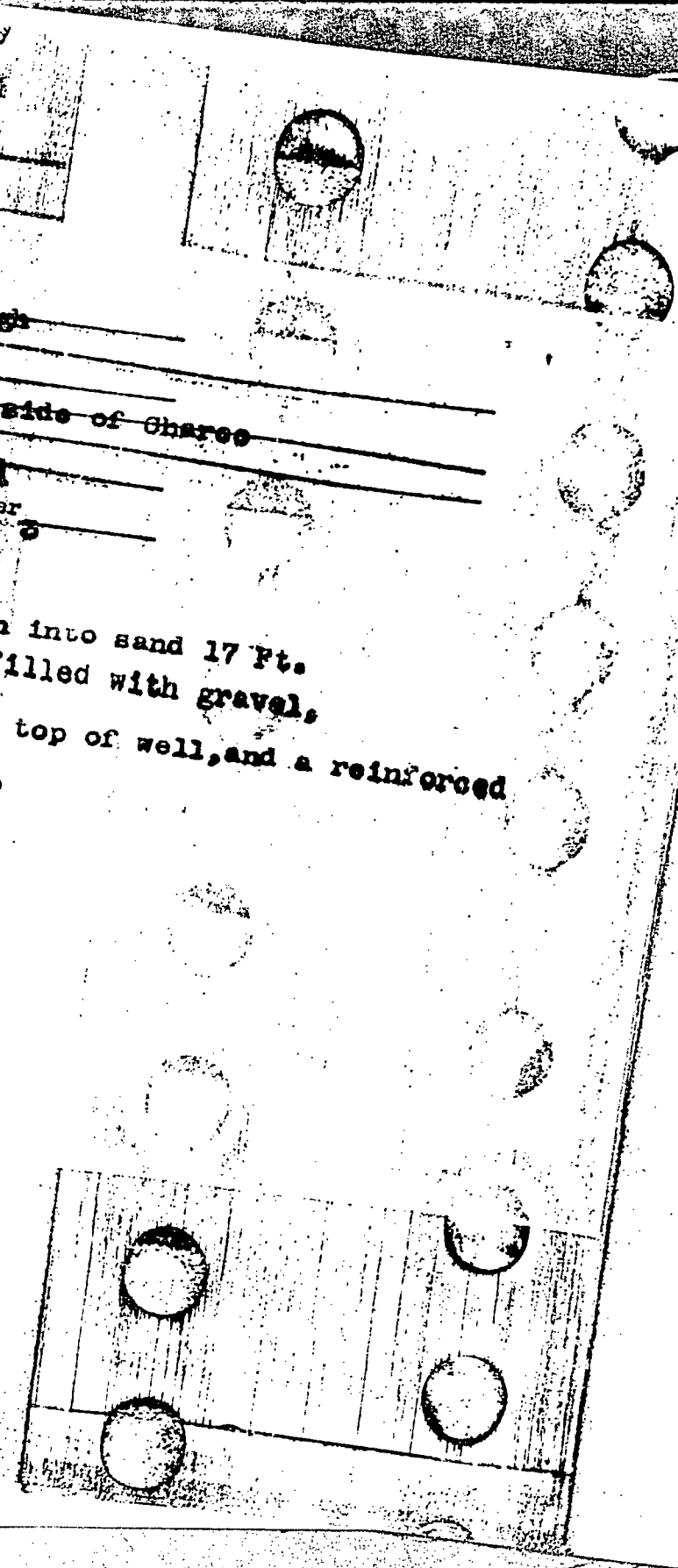
Date Developed January 19 31

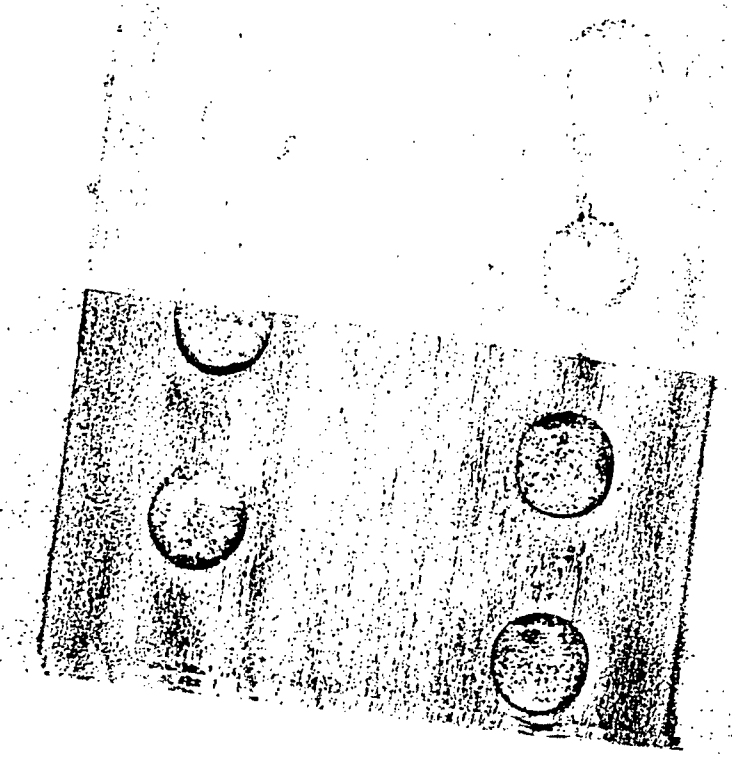
Flow in gals. per minute: Before Development None After 2

Development (or remarks):

This well was excavted down into sand 17 Ft. rock wall laid up and backfilled with gravel, a concrete slab molded over top of well, and a reinforced concrete trough constructed.



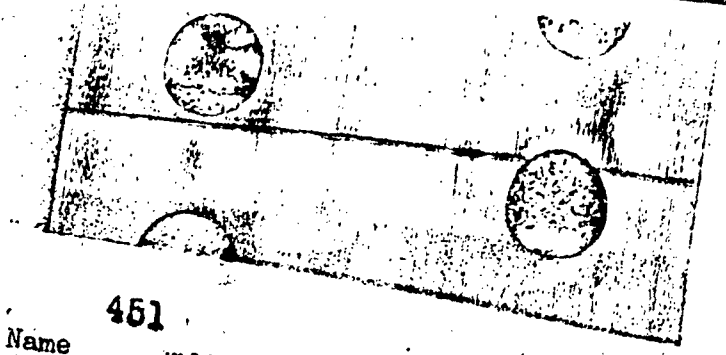




WR 11502 16

NN004953

CV-6417-201



451

Name Willie Pinto well & Trough

Other Names

Reservation N.Navajo

Location ~~6 Mi.E of Table Mesa Oil wells~~

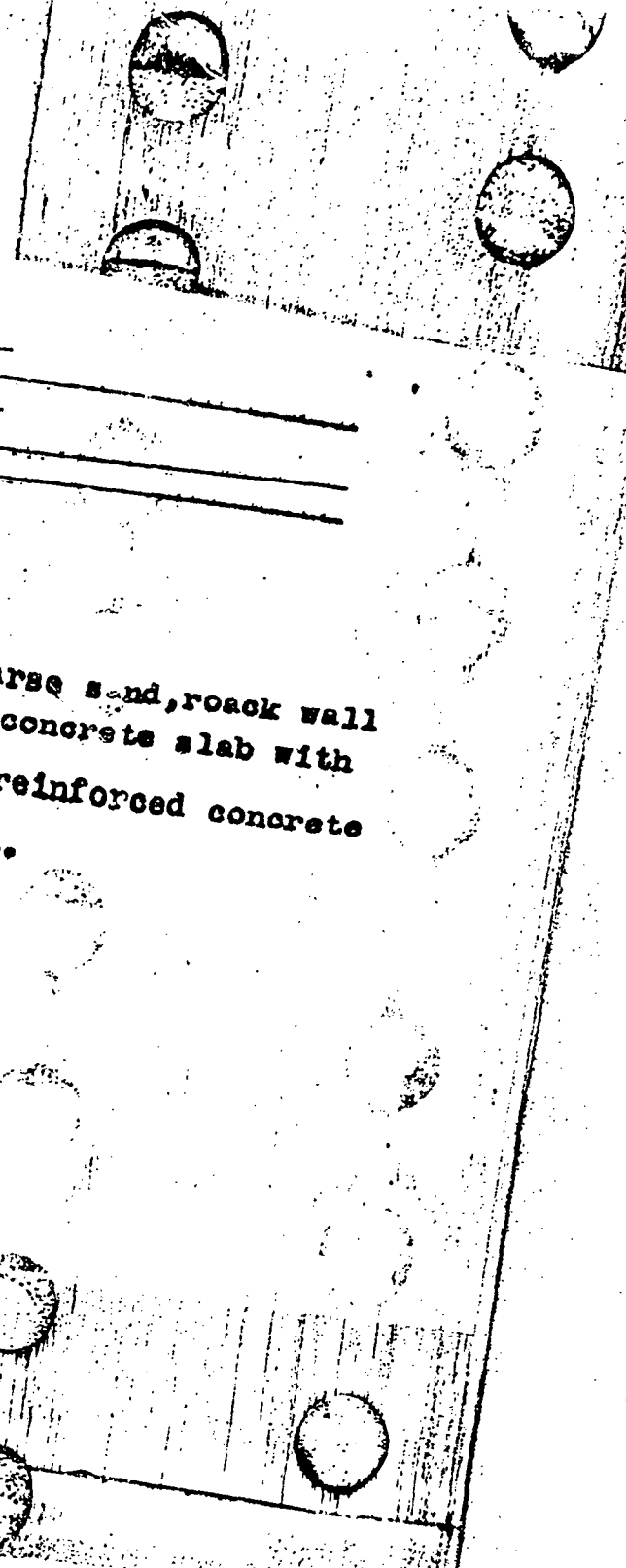
Date Developod December 19 31

Flow in guls. per minute:

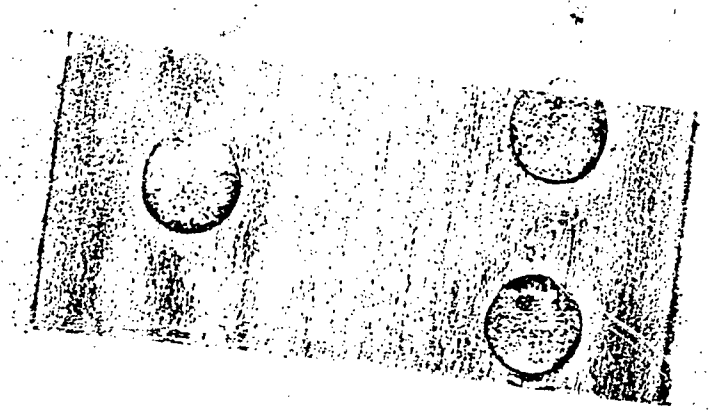
Before Development none After 7

Development (or remarks):

This well was excavated down into coarse sand,roack wall laid up and backfilled with gravel,a concrete slab with man hole molded over top of well and reinforced concrete trough constructed,depth of well 16 Ft.



WR 11503 j06



NN004954

CV-6417-201

Name 433

Other Names Sweet Water Spring No.3 and storage tank for for dipping vat

Reservation N.Navajo

Location 5 Mi.S.W.of Sweet Water Trading Post

Date Developed November 19 51

Flow in gals. per minute Before Development Seepage After 6

Development (or remarks):

We made cross cuts under bottom of wash a distance of 175 ft., this cut was completed in coarse sand and gravel, water was piped to a small storage reservoir or sump and thence to reinforced concrete storage tank constructed in past at the dipping vat.

WR 11504

11506

NN004955

CV-6417-201

458 NAVAJO AND HOPI SPRING DEVELOPMENT
FIFTH IRRIGATION DISTRICT

Name Ear Bob Well & Trough

Other Names

Reservation W.Navajo

Location 9 Mi.S.E.of Charco Table Mesa East side of Charco

Date Developed January 31

Flow in Gals. per minute?

Before Development none After 5

Development (or remarks)

This well was partly developed by Indians in the past pld timbers etc removed and continued excavation to 10 ft. rock wall laid up and backfilled with gravel, a concrete slab with man hole molded over top of well, and a reinforced concrete trough constructed.

WR 115

NN004956