

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 3674
 Rec. Feb 27 1957
 Well No. _____
 Permit No. 53812
 Do not fill in

Owner Winecup Ranch Driller Winecup Ranch (Mr. Davis)

Address Wilkins, Nevada Address (Ranch leased Rig.) Lic. No. —

Location of well: SW 1/4 SW 1/4 Sec. 35, T. 40N/8, R. 63E, in Elko County
 or Bishop Flat Well No. 1

Water will be used for Stock Total depth of well 220

Size of drilled hole 6" Weight of casing per linear foot _____

Thickness of casing 6" to 110' Temp. of water 60°

Diameter and length of casing _____
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure _____

If nonflowing well give depth of standing water from surface 35'

If flowing well describe control works _____
 (Type and size of valve, etc.)

Date of commencement of well _____ Date of completion of well Oct. 26, 1956

Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	5	5	Gravel	
5	15	10	Hard Brown Rock	
15	39	24	Brown Clay - some Gravel	Chief aquifer (water-bearing formation)
39	45	6	Hard Brown Rock	from <u>150</u> to <u>220</u> ft.
45	49	4	soft Brown Rock - some Water	Other aquifers <u>45-49</u>
49	57	8	Hard Brown Rock	
57	68	11	Soft Brown Rock	
68	72	4	Hard Brown Rock	
72	81	9	Brown Gravelly Clay	
81	90	9	Hard Brown Rock	
90	94	4	Gray Clay	
94	101	7	Hard Gray Rock	First water at <u>45</u> feet.
101	111	10	Gray Clay	
101	136	25	soft Gray Rock	Casing perforated
136	150	14	Soft Gray clay	from <u>Name</u> to _____ ft.
150	220	70	sandy clay - Water bearing	Size of perforations _____

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed M. K. Davis (Emp of The
Well Driller

Winecup Ranch)
By Ranch Leased Rig

License No. None

Dated _____, 19____

(Not to be filled in by Driller)

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

1957 FEB 25 AM 10 19
RECORD OF WELL

Locate well on plat of section.

1. Location: State Nevada County Elko
Nearest P. O. RENO, NEVADA Direction from P. O. _____
Distance from P. O. _____ miles; SW 1/4 sec. 35, T. 40 N, R. 63E
If in city, give street and number _____
(Bishop Flat Well #1)
2. Owner: Winecup Ranch Address Wilkins, Nevada
Driller: Davis (employee of ranch) Access Rig was leased by ranch and well drilled by employees.
3. Situation: Is well on upland, in valley, or on hillside? _____
4. Elevation of top of well: _____ ft. the level of _____
(Above or below) (Sea, depot, lake, or stream)
5. Type of well: _____; kind of drilling rig used cable tool
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
6. Depth of well: 220 ft.; year in which well was finished Oct 26, 1956
Does well enter rock? _____; if so, at what depth? _____ ft.; kind of rock _____
7. Diameter: At top 6" inches; at bottom _____ inches.
8. Principal water bed: Sandy clay
(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed 220 ft.; thickness of bed 70 ft.
If other water supplies were found, give depth to each _____
- Casings: Kind _____; size 6"; length 110' ft.; between depths of _____ and _____ ft.
Kind gravel packed with cement around top.; size _____; length _____ ft.; between depths of _____ and _____ ft.
Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.
- Packers (if any): Depth at which packers were used _____; kind _____
- Screen or Strainer: Was well finished with screen? _____; kind of screen _____;
length of screen _____ ft.; diameter _____ inches; size of openings _____
10. Head: Does well at present overflow without pumping? _____; did it overflow when new? _____;
if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;
original pressure or head _____; if not flowing, give water level in well 35 ft. below surface.
11. Pump: Is the well pumped? _____; kind of pump _____;
size or capacity of pump _____; kind of power _____
12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at _____ gallons per minute continuously for _____ hours;
quantity of water ordinarily obtained from well _____ gallons per day.
13. Use: For what purpose is the water used? Livestock
14. Quality of the water: _____; is there an analysis? _____
(Hard or soft, fresh or salty, etc.)
- Cost of well, not including pump: _____ Temperature of water 60° F.

Name of person filling blank _____

Date 2-21-57 Address _____

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Gravel	0	5	5	
Hard Brown rock	5	15	10	
Brown clay - some gravel	15	39	24	
Hard brown rock	39	45	6	
Soft brown clay	45	49	4	Little water
Hard brown rock	49	57	8	
Soft brown clay	57	68	11	
Hard brown rock	68	72	4	
Brown gravelly clay	72	81	9	
Hard brown rock	81	90	8	
Grey clay	90	94	4	
Hard grey rock	94	101	7	
Grey clay	101	111	10	
Soft grey rock	111	136	25	
Soft grey clay	136	150	14	
Sandy clay - water bearing	150	220	70	
				Chief aquifer (water bearing formation): from 150 to 220 ft.
				Other aquifers: 45-49 ft.
				First Water at 45 ft.
				Casing perforations: none

OFFICE
STATE ENGINEER