DIVISION OF WATER RESOURCES

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 11560
Permit No. 27125
Basin Clovers Area CAED

1. OWNER 25 Ranch ADDRESS Battle Mountain Nev.

N40.904316 W116.463166 NAD27

2. LOCATION NW ¼ SE ¼ Sec. 24 T. 34 N/S R. 44 E. Lander County
PERMIT NO. 27125

3. TYPE OF WORK
New Well ☑ Recondition ☐
Deepen ☐ Other ☐

4. PROPOSED USE
Domestic ☐ Irrigation ☑ Test ☐
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☑ Rotary ☐
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Surface		0	8	8
Sand & Gravel		8	13	5
Clay		13	32	9
Sand	water	32	48	16
Clay		48	57	9
Sand		57	63	6
Blue Sand (Silty)	water	63	68	5
Blue Clay		68	95	27
Black Clay		95	110	15
Blue Clay		110	130	20
Sandy Clay		130	136	6
Blue Clay		136	146	10
Sand (Silty)	water	146	163	17
Clay		163	170	7
Sand	water	170	175	5
Clay		175	179	4
Brown Sand	water	179	184	5
Clay		184	188	4
Sand	water	188	195	7
Hard Fine Sand		195	202	7
Sand	water	202	206	4
Clay		206	212	6
Sandy Clay		212	220	8
Sand	water	220	227	7
Clay		227	230	3
Sand	water	230	243	13
Sandy Clay		243	252	9

Date started 5-1, 1971
Date completed 6-5, 1971

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
Test to be made later date			

BAILER TEST
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. WELL CONSTRUCTION
Diameter hole 12¼ inches Total depth 252 feet
Casing record 253'
Weight per foot 33.38 Thickness .250

Diameter		From		To	
12¼ I.D.	inches	-1'	feet	252	feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet

Surface seal: Yes ☐ No ☑ Type
Depth of seal feet
Gravel packed: Yes ☐ No ☑
Gravel packed from feet to feet

Perforations:
Type perforation Shop Type & Torch cuts
Size perforation 1/16 x 3" 1/4 x 1'
From 152 feet to 252 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL
Static water level 31 Feet below land surface 31
Flow G.P.M.
Water temperature Cool ° F. Quality

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Carrothers Drilling Service
Address P.O. Box 73 Beowawe Nev.
Nevada contractor's license number 2871
Nevada driller's license number 116
Signed H. L. Carrothers
Date 6-9-71

USE ADDITIONAL SHEETS IF NECESSARY

5471

DIVISION OF WATER RESOURCES

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 9955
Permit No. [illegible]
Basin Clovers Area 064 CARD

1. OWNER Raymond Conrad ADDRESS Claude Texas

NW [illegible] [illegible] SW

2. LOCATION ~~NW~~ ¼ ~~SW~~ ¼ Sec. 24 T. 34 N/S R. 44 E. Lander County
PERMIT NO. 22691 N 40.805 [illegible] W 116.977179 NAD27

3. TYPE OF WORK
New Well ☐ Recondition ☐
Deepen ☒ Other ☐

4. PROPOSED USE
Domestic ☐ Irrigation ☐ Test ☐
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☐
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand		219	232	13
Clay		232	234	2
Sand		234	239	
Deepening of log 9318				

Date started Mar. 5, 1968
Date completed " 12, 1968

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST

G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. WELL CONSTRUCTION

Diameter hole 16 inches Total depth 239 feet
Casing record 240' of 16" OD
Weight per foot 47.22 Thickness .281

Diameter	From	To
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☐ No ☒ Type Clay
Depth of seal ..... feet
Gravel packed: Yes ☐ No ☒
Gravel packed from ..... feet to ..... feet

Perforations:
Type perforation Torch Cuts
Size perforation ¼" X 1'
From 110' feet to 239' feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL

Static water level 51' Feet below land surface 51'
Flow ..... G.P.M. .....
Water temperature ..... ° F. Quality .....

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Carruthers Drilling Service
Address Box 73 Beowane Nev
Nevada contractor's license number 2871
Nevada driller's license number 116
Signed [signature]
Date March 18-68

USE ADDITIONAL SHEETS IF NECESSARY

5471

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 9318
Rec. Dec 19 1966
Well No. ~~27126~~
Permit No. ~~[illegible]~~ 92891
Basin 064 Do not fill in.

Owner Raymond Conrad Driller Carruthers Drilling Service

Address Claude Texas Address Beowawe, Nevada Lic. No. 116

Location of well: ~~NW~~ NW ¼ ~~SW~~ SW ¼ Sec. 24, T. 34 N/S, R 44 E, in Lander County

or N 40.805 16 W 116.977179 NAD27 deepened under log # 9955

Water will be used for Irrigation Total depth of well 219 feet

Size of drilled hole 16 inches Weight of casing per linear foot 47.22

Thickness of casing .281 Temp. of water Cool

Diameter and length of casing 16 inches O.D. 219 feet - 9 inches
(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 47 feet

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

Date of commencement of well September 7 Date of completion of well November 10

Type of well rig Cable Tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	2	2	Surface
2	4	2	Caliche
4	15	11	Sand
15	19	4	Clay
19	40	21	Sand
40	50	10	Clay
50	53	3	Hard Sand & Gravel
53	62	9	Sand
62	75	13	Clay
75	95	20	Silty Clay
95	102	7	Blue Clay
102	114	12	Sand
114	121	7	Blue Clay
121	145	24	Sandy Clay
145	152	7	Sand
152	167	15	Blue Clay
167	172	5	Sand
172	182	10	Sandy Clay
182	192	10	Sand
192	196	4	Sandy Clay
196	215	19	Coarse Sand
215	219	4	Sandy Clay

Water-bearing Formation, Casing Perforations, etc.

Chief aquifer (water-bearing formation)

from 196 to 215 ft.

Other aquifers 102/114

145/152 -- 167/172

182/192 50/53

First water at 50 feet.

Casing perforated

from 90 to 219 ft.

Size of perforations

¼" x 1' Torch Cuts

(OVER)

919

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.
16"	-- 9	219	219-9	Casing landed on bottom

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

Pump test to be made at later date

WELL DRILLER'S STATEMENT

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

Signed Carruthers Drilling Service
Well Driller

By [signature]

License No. 116

Dated November 28, 1966

(Not to be filled in by Driller)

WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

OFFICE USE ONLY
Log No. 85546
Permit No. [redacted] 68486
Basin Ø64

NOTICE OF INTENT NO.

1. OWNER Russel Parker
MAILING ADDRESS P.O. Box 129
Valmy NV 89438

ADDRESS AT WELL LOCATION
N40.806362 W116.955660 NAD27
[redacted]

2. LOCATION [redacted] Sec. 24 T. 34 N/S R. 41 E/W Lander County
PERMIT NO. [redacted]/67179-T/68486 (Issued by Water Resources) Parcel No. Subdivision Name

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ Other

4. PROPOSED USE
☐ Domestic ☒ Irrigation ☐ Test
☐ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☒ RVC
☐ Air ☐ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Top Soil		0	6	
Fine to Coarse Blk Sand		6	9	
Brown Clay		9	12	
Fine to Coarse Blk Sand		12	15	
Brown Clay		15	43	
Med-Coarse Blk Sand		43	46	
Brown Sandstone		46	49	
Green Clay		49	60	
Blue Clay & Sandstone		60	159	
Green Clay		159	165	
Brown Sandy Clay		165	175	
Brown Med Sand w/ Sandstone		175	180	
Fine Brown Sand & Clay		180	233	
Brown Clay w/ fine gravel		233	271	
Coarse Sand w/ Clay		271	275	
Brown Clay & Sand		275	375	
24" Casing .375 wall to 100' - Seal in with Cement Grout				

Date started 12-5-01
Date completed 3-29-02

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☒ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1320	222'	2 HRS

8. WELL CONSTRUCTION
Depth Drilled 375 Feet Depth Cased 375 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
32 Inches	0 Feet	100 Feet
24 Inches	100 Feet	375 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16"		.375	42	160
16"		.375	180	200
16"		.375	210	225
16"		.375	235	275

Perforations:
Type perforation Wire Wrap
Size perforation .030
From 160 feet to 180 feet
From 200 feet to 210 feet
From 225 feet to 235 feet
From 275 feet to 375 feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 50'
Placement Method: ☐ Pumped ☒ Poured
Seal Type: ☐ Neat Cement ☒ Cement Grout ☒ Concrete Grout
Gravel Packed: ☒ Yes ☐ No
From 50' feet to 375' feet

9. WATER LEVEL
Static water level 65' feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Riverside Inc (Contractor)
Address P.O. Box 720 (Contractor)
Parma Id.
Nevada contractor's license number issued by the State Contractor's Board 004980
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1919
Signed [signature] (By driller performing actual drilling on site or contractor)
Date 4-4-02

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

22892

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 9509
Rec. May 26 1967
Well No.
Permit No. ~~[illegible]~~
Do not fill in. 22892
Basin #64

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner Raymond Conrad Driller Carruthers Drilling Service

Address Claude Texas Box 80 Address P.O. Box 73 Beowawe Lic. No. 116

Location of well: ~~SW~~ SW ¼ ~~NE~~ NW ¼ Sec. 24, T. 34 N/S, R. 44 E, in Lander County

or ~~[illegible]~~ N 40.809376 W 116.976786 NAD27

Water will be used for Irrigation Total depth of well 220

Size of drilled hole 16" Weight of casing per linear foot .281

Thickness of casing 17/32 Temp. of water Cool

Diameter and length of casing 16" x 220
(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 53 feet

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

Date of commencement of well 11-18-66 Date of completion of well 4-26-67

Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	4	4	Surface
4	6	2	Gravel
6	12	6	Clay
12	20	8	Sandy Clay
20	38	18	Sand
38	41	3	Conglomerate
41	47	6	Hard Sand
47	53	6	Sandy Clay
53	67	14	Sand
67	85	18	Blue Clay
85	112	27	Black Clay
112	122	10	Blue Clay
122	125	3	Sand
125	135	10	Sandy Clay
135	141	6	Sand
141	161	20	Sandy Clay and Sand Streaks
161	170	9	Clay
170	195	25	Sand
195	200	5	Clay
200	220	20	Hard Sand

(OVER)

Water-bearing Formation, Casing Perforations, etc.

Chief aquifer (water-bearing formation)

from 170 to 195 ft.

Other aquifers 53/67
122/125--135/141
200/220

First water at 53 feet.

Casing perforated

from 53/75 to 110/220 ft.

Size of perforations

Torch cuts ¼" x 1'

919

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.
16"OD	-6	220	220-6	Casing landed on bottom

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

Pump test to be made at later date

WELL DRILLER'S STATEMENT

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

Signed [illegible] Well Driller

By [illegible]

License No. 116

Dated May 2[illegible], 19[illegible]

(Not to be filled in by Driller)