

WELL DRILLERS REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 2527

PRINT OR TYPE ONLY

1. OWNER TOWN OF HAWTHORNE ADDRESS AT WELL LOCATION NORTH END WHISKEY FLAT - 12 MILES SOUTH TOWN
 MAILING ADDRESS P. O. BOX 1457
HAWTHORNE, NEVADA 89415

2. LOCATION NW 1/4 NE 1/4 Sec 17 T. 6 N/S R. 31 E MINERAL County _____
 PERMIT NO. _____ Issued by Water Resources _____ Parcel No. _____ Subdivision Name _____

3. TYPE OF WORK
 New Well Recondition
 Deepen Other

4. PROPOSED USE
 Domestic Irrigation #1 Test
 Municipal Industrial Stock

5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
surface soils & gravel		0	46	46
sandy clay w/cobbles, gravel		46	212	166
sandy clay-more cobbles	XX	212	365	153
bn clay w/sand & gravel		365	395	30
bn sandy clay w/gravel	XX	395	420	25
multi-colored sands & gravels	XX	420	450	30
tan sandy clay w/cobbles & gravel	XX	450	522 72	72
multi-colored sands layered	XX	522	550	28
layers sandy clay, sand, & gravel	XX	550	580	30
tan, bn, purple sandy clay w/gravel		580	599	19

8. WELL CONSTRUCTION
 Diameter hole 9 7/8 inches Total depth 599 feet
 Casing record 6 5/8" od x .188 wall
 Weight per foot _____ Thickness _____

Diameter	From	To
<u>6 5/8</u> inches	<u>+1</u> feet	<u>599</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type cement grout
 Depth of seal 50 feet
 Gravel packed: Yes No
 Gravel packed from 50 feet to 599 feet

Perforations:
 Type perforation milled
 Size perforation 3" x 1/8"
 From 232 feet to 586 feet
 From _____ feet to _____ feet

Date started February 16, 1983
 Date completed March 21, 1983

7. WELL TEST DATA

hp Pump	RPM	G.P.M.	Draw Down	After Hours Pump
5	350'		6	4
	430'		6	4
	518'		6	5 1/2
	567'		6	3
	567'	110	6	8 1/2

BAILER TEST

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

9. WATER LEVEL
 Static water level 123 feet below land surface
 Flow _____ G.P.M. _____ P.S.I.
 Water temperature cold ° F. Quality good

10. DRILLERS CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name SAGE BROS DRILLING COMPANY, INC.
 Contractor
 Address 7800 N. VIRGINIA STREET RENO, NV 89506
 Contractor
 Nevada contractor's license number 7462A
 Nevada contractor's drillers number 774
 Nevada driller's license number 953
 Actual Driller
 Signed [Signature]
 Contractor
 Date March 30, 1983

set:

WELL DRILLERS REPORT

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NOTICE OF INTENT NO. 2528

1. OWNER TOWN OF HAWTHORNE ADDRESS AT WELL LOCATION _____
 MAILING ADDRESS P. O. BOX 1457 NORTH END OF WHISKEY FLAT - 12 miles SOUTH TOWN
HAWTHORNE, NEVADA 89415

2. LOCATION SE 1/4 NW 1/4 Sec. 17 T. 6 N/S R. 31 E MINERAL County

PERMIT NO. _____ Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. TYPE OF WORK
 New Well Recondition
 Deepen Other

4. PROPOSED USE
 Domestic Irrigation #2 Test
 Municipal Industrial Stock Other

5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
surface soils & gravel		0	50	50
DG, some cobbles & clay		50	78	28
cobbles, sand & gravel		78	87	9
fine sands, gravel, w/bn sandy clay		87	160	73
sand & gravel - few thin cemented areas	XX	160	207	47
cobbles		207	209	2
sand & gravel, some cobbles & clay	XX	209	305	96
DG & sand w/thin layers of clay	XX	305	370	65
volcanic gravels w/granite & cobbles	XX	370	400	30
cobbles - some clay		400	435	35
sand & gravel w/few cobbles	XX	435	465	30
clay layers in gravel		465	470	5
sand & gravel	XX	470	491	21
thin layers clay in the gravel		491	503	12

8. WELL CONSTRUCTION
 Diameter hole 9 7/8 inches Total depth 503 feet
 Casing record 6 5/8" x .188 wall
 Weight per foot _____ Thickness _____

Diameter	From	To
<u>6 5/8</u> inches	<u>+1</u> feet	<u>503</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type cement grout _____
 Depth of seal 54 feet
 Gravel packed: Yes No
 Gravel packed from 54 feet to 503 feet

Perforations:
 Type perforation milled
 Size perforation 3" x 1/8"
 From 245 feet to 503 feet
 From _____ feet to _____ feet

9. WATER LEVEL
 Static water level 91 feet below land surface
 Flow _____ G.P.M. _____ P.S.I.
 Water temperature cold ° F. Quality good

10. DRILLERS CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name SAGE BROS DRILLING COMPANY, INC.
 Contractor
 Address 7800 N. VIRGINIA STREET RENO, NV 89506
 Contractor
 Nevada contractor's license number 7462A
 Nevada contractor's drillers number 774
 Nevada driller's license number 953
 Actual Driller
 Signed H.L. Sage Contractor
 Date MARCH 30, 1983

Date started March 12, 1983.
 Date completed March 24, 1983.

7. WELL TEST DATA

hp	Pump RPM	G.P.M.	Draw Down	After Hours Pump
5	250*		7	2 1/4
	349'		6	1
	433'		6	2 1/2
	487'		6	2
	487'	110	16	13 1/2

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