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

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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. 51466
Permit No.
Basin

NOTICE OF INTENT NO.

1. OWNER Dermody properties
MAILING ADDRESS 12755 Moya Boulevard
Stead, Nevada

ADDRESS AT WELL LOCATION
Sherling Laboratories
12755 Moya Boulevard, Stead NV

2. LOCATION NE ¼ NW ¼ Sec. 31 T 21N N/S R 19 E Washoe County
PERMIT NO. M/O 1002 (Issued by Water Resources) Parcel No. Subdivision Name

3. WORK PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Abandon [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [X] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [ ] Rotary [ ] RVC
[ ] Air [X] Other Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Silty Brn Sand		0	3	3
Silty Brn Sandy Clay	X	3	17	14
Silty Brn Sand		17	20	3
Silty Sandy Brn Clay		20	22	2
Brn Silty Sand		22	26	4
Brn Silty Sandy Clay		26	35	9
Brn Clay		35	38	3
Brn Silty Sand		38	43	5
Brn Clay		43	55	12
Silty Clay Brn		55	60.5	5.5
Gray Sandy Silt		60.5	61.5	1
Brn Silty Clay		61.5	63	1.5
Gray Gravely Sand		63	70	7

Date started 10-30-95, 19
Date completed 11-01-95, 19

7. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [ ] Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

8. WELL CONSTRUCTION
Depth Drilled 70 Feet Depth Cased 70 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
12 Inches	0 Feet	35 Feet	
8 Inches	35 Feet	70 Feet	
Inches	Feet	Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8		Sch. 40	0	35
2		Sch. 40	0	70

Perforations:
Type perforation Slot
Size perforation .02
From 60 feet to 70 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: [X] Yes [ ] No
Depth of Seal 55
Placement Method: [ ] Pumped [X] Poured
Seal Type: [X] Neat Cement [ ] Cement Grout [ ] Concrete Grout

Gravel Packed: [X] Yes [ ] No
From 55 feet to 70 feet

9. WATER LEVEL
Static water level 26.5 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 Western Strata Exploration, Inc. (Contractor)
Address P.O. box 1664 (Contractor)
West Sacramento, California 95691
Nevada contractor's license number issued by the State Contractor's Board 0034236A
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1937
Signed (By driller performing actual drilling on site or contractor)
Date 5-03-96

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

HYDRO-SEARCH, INC.
A Tetra Tech Company

WELL NUMBER SL-1D
PROJECT Schering Laboratories
LOCATION Moya Blvd., Stead, NV
PROJECT NUMBER 108271219
LOGGED BY J. Stimson

SHEET 1 OF 2

LOCATION
COORDINATES:
ELEVATION DATUM

DEPTH FEET	LAB SAMPLE	SAMPLE DEPTH	TPH-DIESEL (mg/Kg)	PID READING (ppm)	H2O LEVEL	GRAPHIC LOG	DESCRIPTION	WELL COMPLETION DETAIL
							0-3': Silty sand (SM), dry, brown, fine, polymictic, subrounded, moderately-sorted sand with silt, crumbles with ease.	
5	SL1D-5'	5.0 – 7.0		0.50			3-17': Silty sandy clay (CL), moist, brown clay with silt and fine, polymictic, subrounded to subangular sand up to 3 mm in diameter. Crumbles with difficulty.	12" borehole drilled with hollow augers between surface and 35'.
10	SL1D-10'	10.0 – 12.0		1.00				8" Conductor casing grouted with cement between surface and 35'.
15	SL1D-15'	15.0 – 17.0		1.00			@ 15': Clayey sand lens, fine, polymictic, subangular sand with clay. Crumbles with ease.	
							17-20': Silty sand (SM), wet, greenish-brown, fine, polymictic, well-sorted sand up to 1 mm in diameter, with silt. Crumbles with ease. Drilling became much easier after 17'.	
20	SL1D-20'	20.0 – 22.0		1.50			20-22': Sandy silty clay (CL), wet, brown clay, with fine sand and silt. Crumbles with moderate ease.	
25	SL1D-25'	25.0 – 27.0		NA	▽		22-26': Silty sand (SM), wet, greenish-brown, fine, polymictic, subangular sand up to 1 mm in diameter, with silt. Crumbles with ease. This formation caved into hole during drilling.	
30	SL1D-30'	30.0 – 32.0		1.50			26-35': Silty sandy clay (CL), wet, hard, brown clay with fine, polymictic, subangular sand and silt. Crumbles with ease.	8.5" borehole drilled with hollow augers between surface and 70'.
35	SL1D-35'	35.0 – 37.0		0.75			35-38': clay (CH), wet, hard, brown clay, with minor fine sand and silt. Crumbles with difficulty.	
		40.0					38-43': Silty sand (SM), wet, greenish-brown, medium to fine,	

DRILLING CONTRACTOR WESTEX
HOLE DIAMETER 8.5"
DRILLING METHOD Hollow stem auger
DRILLING EQUIPMENT Mobile B-61 HDX
DRILLING STARTED 10/30/95 ENDED 11/1/95

REMARKS Water level measured on 11/3/95.

HYDRO-SEARCH, INC.
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WELL NUMBER SL-1D
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LOCATION Moya Blvd., Stead, NV
PROJECT NUMBER 108271219
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SHEET 2 OF 2

LOCATION COORDINATES:
ELEVATION DATUM

DEPTH FEET	LAB SAMPLE	SAMPLE DEPTH	TPH-DIESEL (mg/Kg)	PID READING (ppm)	H2O LEVEL	GRAPHIC LOG	DESCRIPTION	WELL COMPLETION DETAIL
	SL1D-40	42.0		0.25			moderately-sorted, polymictic, subangular to subrounded sand with silt. Crumbles with ease.	8.5" borehole drilled with hollo augers between surface and 70
45	SL1D-45	45.0 47.0		0.00			43-55': Clay (CH), wet, plastic, greenish-brown clay. Crumbles with difficulty.	2" SCH 40 PVC casing cemented between surface and 50'.
50	SL1D-50	50.0 52.0		0.25			@ 50-55': Clay becomes brown in color.	bentonite plug between 50 and 55'.
55	SL1D-55	55.0 57.0		0.25			55-60.5': Silty clay (CL), wet, brown, hard clay with silt. Crumbles with difficulty. Interlayered with lenses of fine sand.	#3 sand filter pack between 55 and 70'.
60	SL1D-60	60.0 62.0		0.50			60.5-61.5': Sandy silt (SM), wet, greenish-grey silt, with fine, polymictic sand. Crumbles with ease.	
65	SL1D-65	65.0 67.0		0.00			61.5-63': Silty clay (CL), wet, brown, hard clay, with silt. Crumble with difficulty. Interlayered with lenses of sand with minor gravel.	2" SCH 40 0.02" Slotted PVC Screen between 60 and 70'.
70	SL1D-70	70.0 72.0		0.25			63-71': Gravelly sand (SP), wet, greenish-grey, coarse to fine, polymictic, subangular to subrounded, poorly-sorted sand, with gravel up to 10 mm in diameter and minor silt. Crumbles with ease. This zone produced a lot of water during drilling.	
							71-72': Silty clay (CL), wet, greenish-grey clay with silt. Crumbles with difficulty.	