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. 107694
Permit No.
Basin Ø42

NOTICE OF INTENT NO. 62619

1. OWNER Spirit Minerals
MAILING ADDRESS Hacienda Ranch Rd Suite 201
PO Box = 900 Wells NV 89835
ADDRESS AT WELL LOCATION B/M Claims
N41.498067 W115.048791 NAD27

2. LOCATION SE ¼ SE ¼ Sec. 27 T. 42 N/S R. 61 E. Elko Co. County
PERMIT NO. NEV2007103 (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
Black Shale		0	13	13
Tan Alluvials				
Black Shale/Pyrite		13	111	98
Barite + Blk Shale DK Gray		111	128	17
Blk Shale, some Barite		128	260	132

6 5/8" casing has Neat Cement seal to 17'
4 1/2" casing has Bentonite Chips to 118'
GPS UTM Nad 83 Feet
N° 15078334.37
E° 2174502.93
Elevation - 7963.8 ft

Date started September 15th, 2008
Date completed September 16th, 2008

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
15		4.5

8. WELL CONSTRUCTION
Depth Drilled 260 Feet Depth Cased 258 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
9 7/8 Inches	0 Feet	17 Feet
Inches	Feet	Feet
6 1/2 Inches	17 Feet	260 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8	13#	.188	+3	17
4 1/2	PVC	Sch 40	+2	258

Perforations:
Type perforation Machined - Factory
Size perforation 32 PVC Screen
From 120 feet to 140 feet
From 160 feet to 180 feet
From 200 feet to 260 feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 17' / 118
Placement Method: ☒ Pumped ☒ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout - 3/8" Bent. Chips
Gravel Packed: ☒ Yes ☐ No
From 118 feet to 260 feet

9. WATER LEVEL
Static water level 126 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature cool °F Quality Clear

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Leach Drilling Inc. Contractor
Address PO Box 599 Contractor
Silver Springs NV 89429
Nevada contractor's license number issued by the State Contractor's Board 31841
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2346
Signed [signature] By driller performing actual drilling on site or contractor
Date 9-21-08

(Rev. 12-01) USE ADDITIONAL SHEETS IF NECESSARY (O)-627