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. 107693
Permit No.
Basin 042

NOTICE OF INTENT NO. 62620

1. OWNER Spirit Minerals
MAILING ADDRESS Hacienda Ranch Rd. Suite 201
ADDRESS AT WELL LOCATION Blm Claims
N41.502565 W115.035585 NAD27

2. LOCATION NW ¼ SE ¼ Sec. 26 T 42 N/S R 61 E Elko Co. County
PERMIT NO. NEV 2007103 (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 |
|---|---|---|---|---|
| Clay + Chert alluvials | | 0 | 17 | 17 |
| Shale + Chert | | 17 | 58 | 61 |
| Shale + Limestone | | 58 | 78 | 20 |
| Shale + argilite | | 78 | 113 | 45 |
| Shale + Chert | | 113 | 141 | 28 |
| Shale + argilite | | 141 | 182 | 41 |
| Shale - some chert | | 182 | 235 | 53 |
| Chert some Shale | | 235 | 380 | 145 |

6 5/8" Casing has Neat Cement Seal to 19'
4 1/2" Casing has Bentonite Chips to 58'
GPS UTM Nad83 Feet
N 1508054.75
E 2178082.26
Elevation 7582.62 Feet

Date started September 17th, 2008
Date completed September 18th, 2008

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

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 5 | | 2 hrs. |

8. WELL CONSTRUCTION
Depth Drilled 380 Feet Depth Cased 380 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To |
|---|---|---|---|---|
| 9 7/8 Inches | 0 Feet | | 20 Feet | |
| 6 1/2 Inches | 20 Feet | | 380 Feet | |
| Inches | Feet | | Feet | |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 6 5/8 | 13# | .188 | +1 | 19 |
| 4 1/2 | PVC | Sch 40 | +1 | 380 |

Perforations:
Type perforation Machined
Size perforation .32 PVC Screen
From 60 feet to 80 feet
From 140 feet to 160 feet
From 200 feet to 220 feet
From 340 feet to 380 feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 19/58
Placement Method: ☒ Pumped ☒ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout
-3/8" Bent. Chips
Gravel Packed: ☒ Yes ☐ No
From 58 feet to 380 feet

9. WATER LEVEL
Static water level 3 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 544 (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 (By driller performing actual drilling on site or contractor)
Date 9-21-08

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