STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 124652
Permit No.
Basin No.

PRINT OR TYPE IN BLACK INK ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 36978
WELL NAME (If applicable): TSB-5

1. OWNER/CLIENT NAME JRI PROPERTIES
MAILING ADDRESS 4021 MEADOWS LN. LAS VEGAS, NV 89107-3117

DETAILED ADDRESS AT WELL LOCATION 2541 S. DECATUR BLVD. LAS VEGAS, NV
Subdivision Name: County:

2. PLS LOCATION SE ¼ SE ¼ 01 Sec 21 T 60 E
PERMIT/WAIVER NO. MO-3105 (Issued by Water Resources) 163-01-803-004 (Current Parcel No.)

Latitude -115.208707 W/E ☐ NAD 27
Longitude 36.145269 N/N ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☑ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Monitor
☐ Mining / Dewater ☐ Com / Ind ☐ Stock
☑ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☑ Auger ☐ Rotary ☐ RVC
☐ Air ☐ Mud ☐ Sonic
☐ Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
CLAY, GRAVEL, ETC			0'	13'
CALICHE			13'	18'
SAND GRAVEL CLAY		X	18'	45
SET WELL 10/19 CLIENT SAMPLED ABANDONED ON 10/20/15				

Date started: , 20
Date completed: , 20

7. WATER QUALITIES
Static water level: 32' Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: ° Fahrenheit
Water Quality:

8. WELL TEST DATA
Test Method: ☐ Bailer ☐ Pump ☐ Air Lift

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

9. INSTRUCTION
Depth Drilled: Feet Depth Cased: Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
9"	Inches	0'	Feet	45'	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375		.375	0'	45'

ANNULAR MATERIALS
Sanitary Seal ☐ Yes ☐ No

☐ Neat Cement	to	☐ Pumped	☐ Poured
☐ Cement Grout	to	☐ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☑ Bentonite Chips	33' to 30'	☐ Pumped	☑ Poured
☐ Gravel Pack [> 0.2 in.]	45' to 33'	☐ Pumped	☑ Poured
☑ Sand Pack [< 0.2 in.]	to	☐ Pumped	☐ Poured
☐ Other, explain:	to	☐ Pumped	☐ Poured

PERFORATIONS:
Type of perforation: MACHINE SLOT
Size of perforation: .010

From	Feet	To	Feet
45'	Feet	35'	Feet
	Feet		Feet
	Feet		Feet
	Feet		Feet
	Feet		Feet

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name (Contractor) Cascade Drilling
Address (Contractor) P.O. 1184 Woodinville, WA
Nevada contractor's license number as issued by the State Contractor's Board: 0073966
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): M1935
Signed: (By driller performing actual drilling on site or contractor)
Date: 2-1-16

(Rev. 12-13) USE ADDITIONAL SHEETS IF NECESSARY pg. of pg.

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36.1452991 NAD
-115.2078725 27

CASCADE DRILLING, L.P.
LEADERS IN SAFETY

Well Construction Report

* TEMPORARY SCREENED BORING, DRILL INSTALL + ABANDON @ PROJECT COMPLETION

Job Name: TGE RESOURCES
Job Number: 106-15-2124
Location: SAHARA + DECATUR L.V., NV
115.208707 - 36.145269

Well Name: TSB-5
Driller:
Helper: ADRIAN
Date Installed: 10/19/15
DATE ABAN. 10/20/15 - PULLED ALL CASING, GROUTED CEMENT/BENT.

Type of Well:
- ___ Water Table Observation
- ___ Piezometer
- X Other TEMPORARY MW

A. Height of Well Casing above ground: 1 ft.

B. Diameter of Well Casing: 2 in.

C. Surface Seal Bottom: ___ ft.

D. Well Casing: Flush Threaded PVC
- X Schedule 40
- ___ Schedule 80
- ___ Other

WATER LEVEL

E. Bentonite Seal Top: 30 ft.

F. Fine Sand Top: ___ ft.

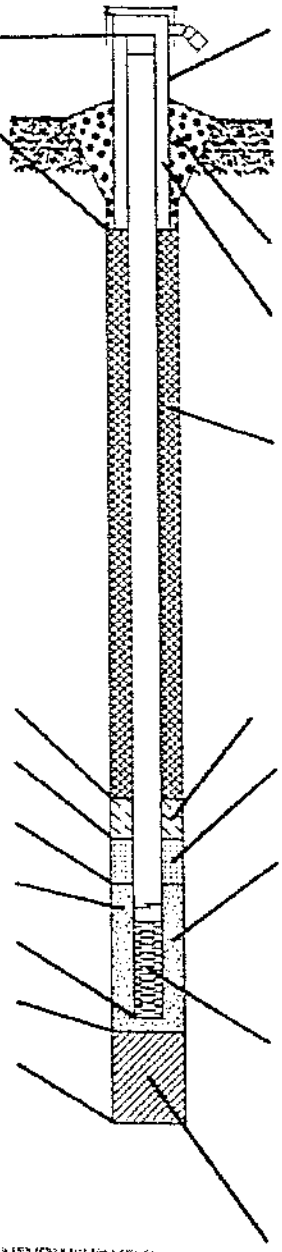
G. Filter Pack Top: 33 ft.

H. Screen Joint Top: 35 ft.

I. Well Bottom: 45 ft.

J. Filter Pack Bottom: 45' ft.

K. Borehole Bottom: 45' ft.



1. Locking Cap? ___ Yes ___ No

2. Protective Cover: NO TEMP
   a. Inside diam. ___ in.
   b. Length ___ ft.
   c. Material
      - ___ Steel
      - ___ Other
   d. Bumper Post ___ qty
      - ___ 3" ___ 4"

3. Surface Seal:
   - ___ Bentonite
   - ___ Concrete
   - ___ Other

4. Material between Casing and Protop:
   - ___ Bentonite
   - ___ Other

5. Annular Space Seal:
   - ___ Granular Bentonite
   - ___ Bentonite Slurry
   - ___ Cement-Bentonite Grout
   - ___ Other

   How Installed:
   - X Gravity
   - ___ Tremie Pumped

6. Bentonite Seal:
   - ___ Granules
   - X Pellets/CHIPS

7. Type of Fine Sand:

8. Type of Filter Pack: #3

9. Screen Material:
   Type: X Factory Cut; ___ Continuous Slot
   Slot Size: .010 in.
   Length: 10' ft.

10. Backfill Material: (Below filter pack)
   - X None
   - ___ Other

Cascade Drilling LP
7103 W. Augusta Avenue
Glendale, AZ 85303
Phone (623) 935-0124
Fax (623) 935-9302

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