

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

OFFICE USE ONLY
Log No. 114350
Permit No. 128
Basin

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

1. OWNER Bureau of Land Management / ORMAT NV INC. ADDRESS AT WELL LOCATION Dixie Hope Prospect Township 22
MAILING ADDRESS Carson City, Nevada N. Range 35 East MDB&M Section 9

NOTICE OF INTENT NO. 64460

2. LOCATION NW 1/4 NW 1/4 Sec 9 T 22 N R 35 E Latitude UTM E 409994.2 NAD 27
PERMIT/WAIVER No. See Attached 04-211-01 Longitude N 4405393.8 NAD 83/WGS 84
Issued by Water Resources Parcel No. Subdivision Name: County: Churchill

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen 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	Thick-ness
Top Soil		0	15	15
Sticky Gray Clay		15	105	90
Blue Clay With Sand Layer		105	140	35
Sticky Blue Clay		140	240	100
Brittle Blue Clay W/		240	285	45
Volcanic Layers				
Sticky Blue Clay		285	327	42
Blue Clay With Corse		327	365	38
Sand Layers				
Blue Clay (Sort)		365	380	15
Volcanics (Red) With		380	400	20
Sand Layers				
Corse Sand with		400	460	60
Brittle Blue Clay Layers				
Sticky Blue Clay		460	472	12

8. WELL CONSTRUCTION

Depth Drilled	Feet	Depth Cased	Feet
472		100	

HOLE DIAMETER (BIT SIZE)

From	To
9 7/8 inches	105 Feet
10 inches	0 Feet
	105 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"			0	451
10			0	105

Perforations:

Type of perforation	Mill Slot
Size of perforation	0.1
From 333 feet to 343 feet	
From 385 feet to 395 feet	
From 410 feet to 430 feet	
From	feet to feet

Surface Seal: Yes No Seal Type: Neat Cement
Depth of Seal 50' Cement Grout
Placement Method: Pumped Poured Concrete Grout
Gravel Packed: Yes No
From 50 feet to 472 feet

9. WATER LEVEL
Static water level feet below land surface
Artesian flow 3 to 4 G.P.M. P.S.I.
Water temperature 84 °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 657 Contractor
Clarksburg, CA 956125
Nevada contractor's license number issued by the State Contractor's Board #03369A
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1978
Signed [Signature] By driller performing actual drilling on site or contractor
Date 8/10/11

Date started July 19, 2011
Date completed July 27, 2011

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
N/A			

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39.793828° N
118.050298° W NAD27

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Form 3260-3
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
GEOTHERMAL SUNDRY NOTICE

FORM APPROVED
OMB NO 1004-0132
Expires July 31, 2010

The Bureau of Land Management (BLM) requires this form or other BLM approved forms to be prepared and filed in triplicate with requisite attachments. The BLM must approve this permit prior to any lease operations.

6. Lease Serial No. N-60685	
7. Surface Manager: <input checked="" type="checkbox"/> BLM <input type="checkbox"/> FS <input type="checkbox"/> Other	
8. Unit Agreement Name Proposed Dixie Meadows Unit	
9. Well No. MW 21-9	10. Permit No.
11. Field or Area Dixie Meadows	
12. Sec. T, R, B. & M. Sec. 9, T22N, R38E, M086M	
13. County Churchill	
14. State NV	

1a. Well Type Production Injection Heat Exchange Observation Other

1b. Well Status:
New

2. Name of Lessee/Operator
TGP Dixie Development Company, LLC

3. Address of Lessee/Operator
9580 Prototype Court, Suite 200, Reno, NV 89521

4. Location of Well or Facility
UTM11, NAD83: approx. 409586E 4405670N

5. Type of Work

<input type="checkbox"/> Change Plans	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Site and Road Construction	<input type="checkbox"/> Fracture Test	<input type="checkbox"/> Multiple Complete
<input type="checkbox"/> Construct New Production Facilities	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Abandon
<input type="checkbox"/> Alter Existing Production Facilities	<input type="checkbox"/> Repair Well	<input checked="" type="checkbox"/> Other

15. Describe Proposed Operations (Use this space for well activities only. See instructions for current well conditions on page 2.)
Drill groundwater monitor well as part of Groundwater Monitor Plan to be completed through first aquifer, not to exceed 1,000' depth. Well is expected to be above 300' depth given presence of surface water such as ponds, seeps and springs in the area. Well will consist of 4" diameter PVC or metal pipe, screened through production zone. A downhole pump may be installed if needed. Overland travel to and from the proposed monitoring well location is in accordance with the plan submitted on 12/1/10 and attached Figure 1.

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16. Describe Proposed Operations (Use this space for activities other than well work.)
Use existing and new two track trail for access, as shown on Figure 1.

17. I hereby certify that the foregoing is true and correct

Signed Missy Miller Title Sr. Compliance Coordinator Date 12/03/2010

(This space for Federal use)

Approved by LoAnn Francis Title Acting for Field Manager Date 12/3/10

Conditions of Approval, if any:

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

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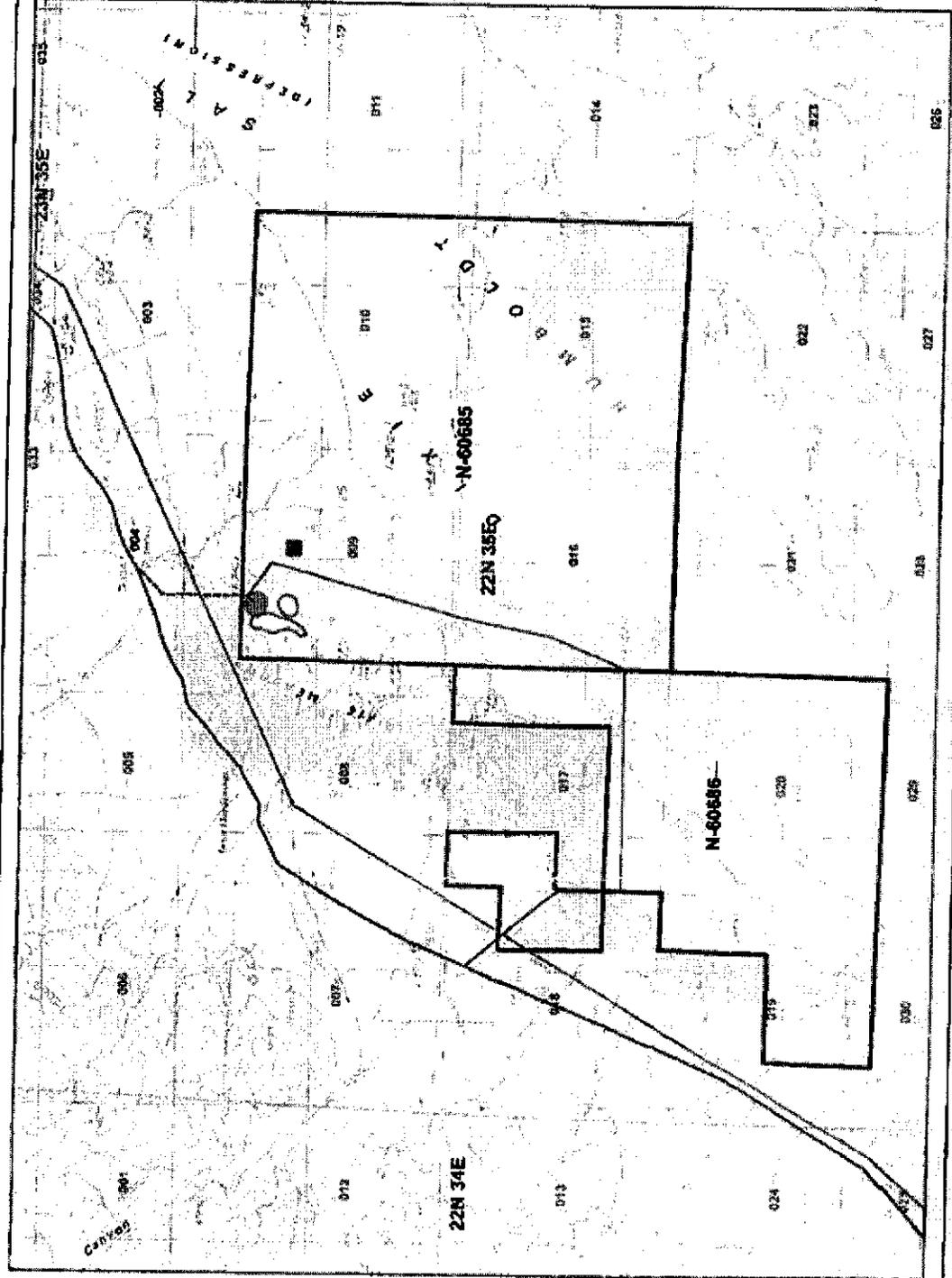
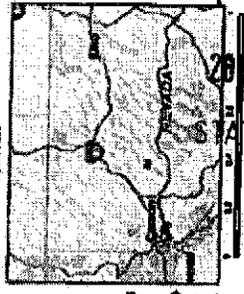
Figure 1
 TGP Dobe Meadows
 Monitoring Well Location

- Monitoring Well Location
- Proposed Well Pad 429
 Coordinates (NAD83 UTM11N)
 X: 402694
 Y: 4465304
- Proposed Access Route to Monitoring Well
 (over/under trees)
- Existing ROW
- Existing Road (Primary)
- Project Area
- Bureau of Land Management
 Navy
- Hydrological Feature Boundary
 (for features near Monitoring Well)
- Existing TGP 230 KV Transmission Line
- Dobe Meadows BLM Leases



U.S. Department of the Interior
 Bureau of Land Management
 California Field Office
 6455 Morgan Hill Road
 Morgan Hill, CA 95037

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