STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 104090
Permit No.
Basin 046

PRINT OR TYPE 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. 59689

1. OWNER SOUTHFORK RANCH LLC (Hellwinkle)
MAILING ADDRESS HC 30, BOX 350
SPRING CREEK, NV 89815

ADDRESS AT WELL LOCATION Southfork Ranch, approximately 1/2 mile south of the South Fork bridge on S.R 228 by the Lee turn off
Subdivision Name: PARCEL OF LAND County: ELKO

2. LOCATION SW ¼ NE ¼ Sec 5 T 31N N/S R 56 E
PERMIT/WAIVER No. 006-280-007
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 11T 0610800 ☐ NAD 27
N 4495345 ☒ NAD 83/WGS 84

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	Thickness
TOPSOIL		0	2	2
BOULDERS & GRAVEL		2	10	8
GRAY CLAY		10	90	80
QUARTZ GRAVEL		90	95	5
GRAY CLAY	210	95	260	165
QUARTZ GRAVEL GREEN	XXX	260	285	25
GRAY CLAY		285	300	15

N40.601586
W 115.689514 NAD27

Date started: 6-Apr, 20 2007
Date completed: 10-Apr, 20 2007

9. WELL CONSTRUCTION
Depth Drilled 300 Feet Depth Cased 300 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 1/4"	Inches	0	Feet	300	Feet
	Inches		Feet		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	300

Perforations:
Type of perforation MACHINED MILL SLOT
Size of perforation 3/16" X 3", 6 ROW
From 200 feet to 220 feet
From 280 feet to 300 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 5 to 15 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 100 to 300 ☐ Pumped ☒ Poured
Type: 3/8" PEA GRAVEL
Bentonite Chips: ☒ Yes ☐ No 15 to 100 ☐ Pumped ☒ Poured
Type: 3/8" CHIPS

7. Water Level
Static water level: 45 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: COLD °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
30		5

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name HACKWORTH DRILLING, INC. (Contractor)
Address P. O. BOX 850 (Contractor)
ELKO, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 020582
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1689
Signed (By driller performing actual drilling on site or contractor)
Date 4/11/2007

STATE ENGINEER'S OFFICE
2007 MAY 24 AM 11:32

(Rev. 05-06) USE ADDITIONAL SHEETS IF NECESSARY