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

OFFICE USE ONLY
Log No. 108411
Permit No.
Basin 176

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. 64032

1. OWNER LOGAN SAMPSON / J BAR M RANCHING CO.
MAILING ADDRESS HC 60, BOX 615
RUBY VALLEY, NV 89833

ADDRESS AT WELL LOCATION SR 229 WHERE BIRCH CREEK CROSS THE ROAD
Subdivision Name: PARCEL OF LAND County: ELKO

2. LOCATION NE ¼ SE ¼ Sec 21 T 31N N/S R 59 E
PERMIT/WAIVER No. 007-280-009
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 11T 0642672 [X] NAD 27
N 4490240 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

4. PROPOSED USE
[X] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [ ] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [X] Rotary [ ] RVC
[X] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
TOPSOIL		0	2	2
BOULDERS & FINE GRAVEL		2	30	28
FINE GRAVEL & BRN CLAY		30	60	30
BRN & WHITE GRAVEL W/	X	60	70	10
BOULDERS				
FINE GRAVEL & BRN CLAY		70	80	10
SOFT FINE BRN GRAVEL		80	110	30
FINE GRAVEL & BRN SAND	XXX	110	140	30

40.552542°N
115.315001°W
NAD 27

Date started: 30-Jun, 20 09
Date completed: 30-Jun, 20 09

9. WELL CONSTRUCTION
Depth Drilled 140 Feet Depth Cased 140 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	140	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	13	.188	+1.5	140

Perforations:
Type of perforation MACHINED MILL SLOT
Size of perforation 3/16" X 3", 6 ROWS
From 120 feet to 140 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [X] Yes [ ] No
[X] Neat Cement 5 to 100 [X] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured
Gravel Pack: [X] Yes [ ] No 100 to 140 [ ] Pumped [X] Poured
Type: 3/8" WASHED PEA GRAVEL
Bentonite Chips: [ ] Yes [X] No to [ ] Pumped [ ] Poured
Type:

7. Water Level
Static water level: 28 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: COLD °F
Quality: GOOD

8. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [X] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
130 PSI @ 825 CFM	30		3.5

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* 1653
Signed Jerry C. Bener (By driller performing actual drilling on site or contractor)
Date 7/28/2009

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY