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

OFFICE USE ONLY
Log No. 122914
Permit No.
Basin No. 101

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. 73036A
WELL NAME (If applicable): Pony Exp

1. OWNER/CLIENT NAME U.S. Geological Survey
MAILING ADDRESS 2730 Deer Run Road
Carson City, NV 89701

DETAILED ADDRESS AT WELL LOCATION 1.7 miles NORTH OF Kion Rd + N. Harrow Road Intersection, EAST OF ROAD 500'
Subdivision Name: County: Churchill

2. PLS LOCATION NE ¼ NE ¼ 1 Sec 16 N/S 28 E
PERMIT/WAIVER NO. M/O-1973 (Issued by Water Resources) 002-411-020 (Current Parcel No.)

Latitude 39.28442 UTM E ☐ NAD 27
Longitude -118.78253 UTM 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
Grey Clay with silt (moist at 18')			0	30
Green clay (moist)			30	42
Black clay (moist)			42	50

NAD 27
39.284500°N
118.781548°W

Date started: 17-Jul, 20 15
Date completed: 20-Jul, 20 15

7. WATER QUALITIES
Static water level: 45.73 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)
Air Lift	<1		

9. INSTRUCTION
Depth Drilled: 50 Feet Depth Cased: 50 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6.625	Inches	0	Feet	50	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	0.68	Schedule 80, 0.154"	0	50

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☒ Neat Cement	0	to	1'	☐ Pumped	☒ Poured
☒ Cement Grout	1'	to	20'	☐ Pumped	☒ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☒ Bentonite Chips	20'	to	38'	☐ Pumped	☒ Poured
☐ Gravel Pack [> 0.2 in.]		to		☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	38'	to	50'	☐ Pumped	☒ Poured
☐ Other, explain:		to		☐ Pumped	☐ Poured

PERFORATIONS:
Type of perforation: Machined Schedule 80 PVC Slots
Size of perforation: 0.020"

From	40	Feet	To	50	Feet
From		Feet	To		Feet
From		Feet	To		Feet
From		Feet	To		Feet
From		Feet	To		Feet

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name David Berger, U.S. Geological Survey (Contractor)
Address 2730 N. Deer Run Road, Carson City, Nevada 89701 (Contractor)
Nevada contractor's license number as issued by the State Contractor's Board:
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): 15B
Signed: David Berger (Driller performing actual drilling on site or contractor)
Date: 8/18/2015

RECEIVED 2015 AUG 18 PM 1:31 STATE ENGINEER'S OFFICE

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