DIAMOND DRILL RIG PROPOSED FOR THE HAY MOUNTAIN PROJECT

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As in all of Liberty Star's projects we spend a lot of time and energy to select the very best and most cost effective equipment for our projects. The Titan Drilling R-40 Deep Hole Exploration Drill Rig meets our criteria in spades. Design and built under the direction of Jeff Camsell as a result of his long experience in the Nevada gold country, where drilling is particularly challenging. I first met Jeff something more than 10 years ago when he was Senior Driller-Manager for a large drilling company we were working with and whenever I asked a difficult question the answer was call Jeff Camsel – he'll know, and he always did. An intense worker, and outstandingly knowledgeable about all aspects of drilling, Jeff branched out to form his own drilling company, and to design and build the R-40 deep hole rig. We have selected Jeff to be our driller (Drill Company) and he has given us a very competitive bid for our Hay Mountain Project.

"Out of necessity, the mining industry has an increased focus on environmental protection: *limiting disturbance at the drill site* is one way that impact can be mitigated.

Also, as exploration and development projects move toward the requirement for deeper drilling to define ore bodies, we felt that the need existed for a compact deep-hole



The R-40 was custom designed to fulfill this need: it is mounted on a rubber track carrier that allows the R-40 to minimize environmental disturbance, while the robust design and modern hydraulics allow the rig to drill to depths that would normally require much larger and heavier rigs: the R-40 however, remains as economical as a much smaller drill and can be used for shallow hale drilling.

The R-40 is primorily a diamond core drill rig, however its custom design allows it to be used to perform large diameter mud rotary drilling for more technically oriented drilling programs e.g. Geothermal, Lithium Brine, etc." - Titan Drilling

on the rubber tracks, exerting less pressure on the ground than a human footprint. It does not need a bulldozed road which is particularly important to make less initial impact nor require very expensive remediation after drilling is completed. You can see it is relatively small but without a human standing next to it, it appears smaller than it really is.

Photo 2 shows the rig with the mast partially up with a driller kneeling next to the left track giving a sense of scale. Note that the rig which is getting ready to drill a hole is parked on a plastic sheet so any oil or grease drips fall on the sheet and not on the ground. After drilling is complete the rig pulls off the impermeable sheet and it is rolled up and disposed in an approved land fill.

Photo 3, 4, and 5 show the rig on its latest project in American Samoa from which it has just returned. The compactness of the rig and associated equipment is relatively small and light and easy to move.







The rig as it is shown in **photo 5**, is fully equipped as it would be for drilling at Hay Mountain but the Solids Recovery Unit (SRU) see NR 195 [02/24/2015], would be mounted on a towable trailer rather than on a skid mount as it is here.

Photo 5: "The 2-stage mud mixing tank is to the right of the drill, and to the right of it is a blue & yellow painted skid mounted solids recovery unit; in the foreground is an inflatable water bladder. Please note that at the time these pictures were taken we had no fluid return from the hole. " Alan Roberts, Titan Drilling.

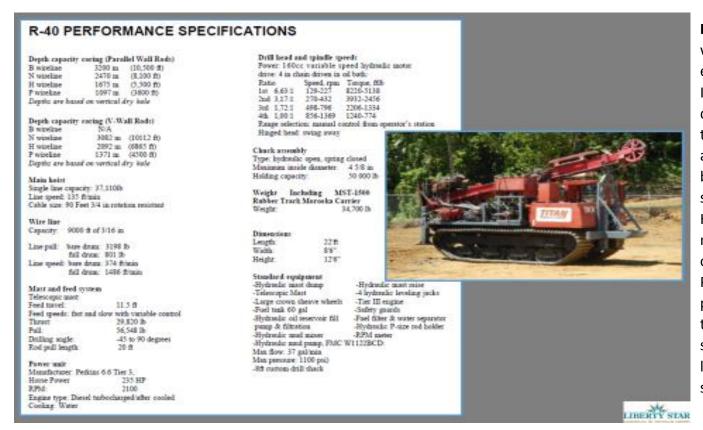


Photo 6 shows the Performance Specs with an inset view of the rig. We will drill either P (PQ) Large size to 2,000 feet or H Intermediate size (HQ) to 2,000 feet depending on the drilling characteristics of the rock and mineral intervals. Larger is always better, as the recovery is generally better and the sample is better, but it is somewhat more expensive. Assuming the H (HQ) is adequate we will probably do most of the drill holes in this size. One other item is worth noting and that is the Power of the Diesel engine at 235 horse power – allowing plenty of power to get through difficult areas of rock, and hoist stuck drill pipe. The other things you can look at if you like – this is a complete spec sheet.

RISK FACTORS FOR OUR COMPANY ARE SET OUT IN OUR 10-K AND OTHER PERIODIC FILINGS FILED WITH THE SEC ON EDGAR.

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