

Well Name: Rocket Cain No. 1

Operator: EnerQuest Resources, LLC

Location: 1650' FSL & 990' FWL  
Sec. 30, T-18-S, R-39-E  
Lea County, NM

Project: E. Hobbs (San Andres)  
San Andres Deepening

Elevation: 3615' GL  
3621' KB

Contractor: Pool Company  
Denver City, TX

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**1997**

06-14: MIRU reverse equipment, rental equipment & 2 7/8" workstring. MIRUSU. NUBOP. Install pressure gauge in tbq. SITP 200 psi. Open well up & bleed off pressure. Fluid to surface & unloaded approx 1/2 BO & some water. Well dead. PU on tbq string & PU 1 stand. Tbg appears to be free. SD until 6-16. Prep to pull tbq on 6-16.

DWC: \$2,360

CWC: \$2,360

06-16: POH w/128 jts 2 7/8" production tbq w/3"x3' home made slotted sub w/bull plug. Had 2 7/8" SN on top of sub. RIH w/ 4 3/4" mill tooth bit, 12- 3 1/2" DC's, & 2 7/8" workstring. Tag up @ 3921'. Rig up power swivel & wash salt & scale to approx 3950'. Commence reverse drlg & got frac balls & cast iron pieces back. Indicates that we are drlg on a CIBP @ 3950'. Had immediate & full returns while circulating. Circ hole clean & SDON. Prep to resume drlg assumed CIBP in am.

DWC: \$4,856

CWC: \$7,216

06-17: Drill on CIBP for 1/2 hr. Pull bit to 3810' & shut down to repair & repack power swivel. Could not repair in field. Send swivel to machine shop for repairs. Close well in & SD for repairs.

DWC: \$895

CWC: \$8,111

06-18: Continue drlg on CIBP @ 3950'. Got some rubber up & lost circ. Pull up to 3890' & mix up 35 vis mud w/10#/bbl LCM & 10 cc WL. Pumped 360 bbl mud & break circ. Push CIBP to **4547'**. **Tag up solid @ 4547' (approx 77' deep to reported TD in well files)**. Drill up CIBP & drill 2' of new hole. Circ hole clean & POH w/work string & collars. SDON. Prep to commence deepening well in am from 4547'-4700'.

DWC: \$9,562

CWC: \$17,673

06-19: RIH w/ 4 3/4" button bit. Mix mud to 34 vis, 10 WL & 10 ppg. Break circ & displace hole w/clean mud. Commence drlg @ depth of 4550'. Drilled 1 1/2 hrs. Made 1' of new hole. Getting metal in cuttings back. POH & inspect bit. Two (2) buttons missing from bit & scars on cones. Suspect small piece of junk in hole. Order out magnet & junk basket. Forced to SD @ 6:30 pm CST due to high winds, rain & lightning. Prep to make magnet run in am.

DWC: \$7,222

CWC: \$24,895

06-20: RIH w/ 4 1/2" magnet. Retrieved 3 small pieces of CIBP. RIH w/ 4 3/4" mill tooth bit, bit sub, 12-3 1/2" DC's, xover sub & 2 7/8" workstring. Re-tally work string & collars. Found 24' error. **TD is 4526' KB**. Rig up power swivel & commence drlg @ 4526'. Drill to 4615' & POH. No metal in cuttings any more. RIH w/ 4 3/4" Varel button bit & drill string. Drill @ rate of 30'/hr to TD of 4698'. Circ 1 hr & POH for OH logs.