

June 6-June 8

Moving in equipment and rigging up. Dirk expresses concern that Magna supervisor, Brandon, is not aware of nor prepared to mix up mud; Dirk believes the work plan was not reviewed and the supervisor is not prepared and falls back to just work with water. Dirk insists on using mud and pressures the Brandon to get it ordered, on location and being mixed Monday morning. SDFW

6-10-13

Dirk reports that mud mixing is extremely slow and inefficient. It takes all day to mix up mud and the mud does not have all the properties Dirk was hoping for. Because of being so late in the day and the likelihood of mud losses down hole, he plans to pump the mud in the morning. Dirk asks that I discuss the concerns with Magna higher ups. I discuss the matter w/ Stuart Ellsworth, COGCC engr mgr, and we both agree to contact Dave Rebol, Magna VP, and express dissatisfaction and request new supervision. Prior to contacting Dave Rebol, I consulted with Dave Wilson, Baroid sales rep, and he states that portable mud mixing equipment and mud is available for rent at Vemeer located in Colorado Springs and that the mud mixing should have only take one hour and not all day. Discuss the matter with Dave Rebol and he agrees to send Harlan Hodges, senior supervisor, to assist. **SDFN Cum: \$16,200**

6-11-12

Dirk reports that the mud has been pumped and topped off with 4 bbls of water. No gas coming from the annulus. Harlan Hodges is on site and Dirk reports him taking charge and really pushing the crew while experiencing severe frustration and him stating that if it were XTO they would have been fired. Contact Dave Rebol and he affirms that Harlan Hodges is on site and after visiting with him he estimates 6 hours of work for pumping mud and cement down the surf csg x prod csg annulus at \$450/hr for the rig and crew plus \$42/sk cmt. He also states that he will not charge for the rig and labor on Monday and will only charge for mobilization through Monday (\$16,202). Mud material charges still apply. Ran "one" inch open ended tubing down the annulus between the 8 5/8" surface casing and 5 1/2" x 4 1/2" production casing and tagged up at 220'; circulated watery mud and then pumped 45 sx cmt w/ 3 sx celo flakes and brought cmt to surf; pulled the "one" inch tbg & and the cmt level dropped slowly out of sight. SDNF.

**Daily= \$4,500 Cum=\$20,700**

6-12-13

**Pumped 40 sx cmt w/ celo flakes down the annulus; cmt top falling;** elevators wrong size for drill string and began rebuilding them; senior Magna supervisor, Harlan Hodges left the well site at 10:10 AM being very frustrated with the crew. Dirk Sutphin expressed his frustrations with the crew taking so long to get familiar with and running the equipment; **ran open ended 2 3/8" tbg inside the production casing and tagged up at 37' or where the 5 1/2" x 4 1/2" casing reducer was reported.** Prepare and run bit and drill string (BHA=4 3/4" Jarel "A" "tooth bit, sub, 1-3" dc, x-over sub; 1 jt 2 3/8"); unable to circ; suspect plugging; attempt reverse circulating and move drill string 5 feet out of well; pull drill string and found that **dry soft cmt solids plugged the BHA;** re-run drill string and plug again; suspect solids coming from surface equipment; Dirk Sutphin is very frustrated with crew's performance; M. Weems leaves voicemail w/ Dave Rebol,

Magna VP, to discuss performance since Harlan Hodges left; Rebol returns call at the end of the day; M. Weems discusses Dirk's frustrations with crew's performance as well as his perception of Harlan Hodge's similar dissatisfaction; Rebol re-enforces Harlan's reported frustration with the crew; mutual agreement to replace Brandon as supervisor with Scot Marez; Scot to be onsite in the morning. Dirk calls in to report that the drill string plugging stopped and drilling commenced later in the day and had drilled through the reducer and down to a depth of 51'. **Dry cmt bits were found in the returns from a depth of 24'-51' with most coming after drilling past the reducer.** Dirk was in good spirits with the results. After being informed of Magna's supervisor replacement, Dirk felt bad and was second guessing his criticisms and how that would affect the crew. . SDNF. **Daily= \$3,030 Cum=\$23,730**

6-13-13

Magna PA Coordinator, Chad Vannest, and rig supervisor Scot Marez on location to discuss the job and performance; Dirk is concerned about trust and morale breakdown and is still second guessing the change in supervisors and his role in that as well as the perception of the rest of the crew. **Hole found in production casing; pull DS and install BOP; drill down to 182'.** SDNF. **Daily= \$4,950 Cum=\$28,680**

6-14-13

Drilled down to 228' and hit something hard with metal coming back in the returns. Discuss options. **Daily= \$6,750 Cum=\$35,430**

MAGNA RIG 27  
DAILY REPORT

6/14/13

6 - 7 am - Crew Travel to Rig

7 - 7:30 am - Safety Meeting, JSA, Start equipment

7:30 - 9 am - Drill out cement from 182' to 228'

9 - 1:30 pm - Drill only 4", Talked w/Dirk, decided to make bit trip.

1:30 - 2:30 pm - TOO H w/tbg, Ld tbg and drill collars.

2:30 - 3:30 pm - Talk w/Dirk about orders, SWI, Shut down for weekend.

3:30 - 9 pm - Crew Travel to Lasalle Yard. Brought back gooseneck and swivel to yard.

Travel: 6.5 Hours  
Work Performed: 8.5 Hours  
Total: 15 Hours

Pusher: Scott Marez	15 Hrs	Yes sub pay
Operator: Kris Malone	15 Hrs	Yes sub pay

Hand: Johnny Belcher	15 Hrs	Yes sub pay
Hand: Daniel Llamas	15 Hrs	Yes sub pay
Hand: Wilberto Gonzalez	15 Hrs	Yes sub pay

6-17-13

Run 3 7/8" OD flat bottom mill with cutrite to drill out the CIBP set at 240' - 12' DF=228'. Drill and push CIBP to 947'. **Daily= \$8525 Cum=\$43,995**

MAGNA RIG 27

DAILY REPORT

6/17/13

3:30 - 9 am - Crew Travel to Rig

9 - 9:30 am - Safety meeting, JSA, Start equipment

9:30 - 11 am - Pu Flat btm mill, Drill collars, 1 jts of tbg, Power swivel

11 -12:30 - Start Drilling @228'

12:30 - 1 pm - Shut down for lighting

1 - 2:15 pm - Drill thru CIBP @ 229'

2:15 - 3 pm - pu 2 jts tbg, Ld swivel

3 - 4 pm - pu tbg, tag @ 866'

4 - 7 pm - Pu swivel and drill down to @ 947'

7 - 7:30 pm - Ld swivel, SWI.

7:30 - 8:30 pm - Crew Travel to town.

Travel: 6.5 Hours

Work Preformed: 10 Hours

Total: 16.5 Hours

Pusher: Scott Marez	16.5 Hrs	Yes sub pay
Operator: Kris Malone	16.5 Hrs	Yes sub pay
Hand: Johnny Belcher	16.5 Hrs	Yes sub pay
Hand: Daniel Llamas	16.5 Hrs	Yes sub pay
Hand: Wilberto Gonzalez	1	

6-18-13

Run 3 7/8" OD flat bottom mill with cutrite to drill out the CIBP set at 240' - 12' DF=228'. Drill and push CIBP to 947'. **Daily= \$3562.50 Cum=\$47,557.5**

8 - 9 am- Crew Travel to Rig

9 - 9:30 am - Safety Meeting, JSA, Start equipment

9:30 - 11:30 am - TOOH, Ld tbg & Drill Collars, Mill

11:30 - 12 pm - Lunch

12 - 2:30 pm - Nd Bops, Put valve on 5 1/2, SWI, Pu location, put away things not needed. SD wait on WL.

2:30 - 3:30 pm - Crew Travel to town

6-19-13

Run CBL from PBTD=945' to surf; set WL CIBP at 770' & dump 2 sx cmt on top; set WL CIBP at 442'; Un-land 5 1/2" csg and pull 1 jt; RIH w/ 2 3/8 EUE tbg and spot 50 sx cmt 442'-surf. **Daily= \$18,659 Cum=\$66,216.50**

**Cost Summary - Trinidad COGCC Project**

Daily Costs		Cumulative Cost
6/6,7, and 10/13 - Mobe	\$16,200	\$16,200
6/11/13	6 hrs rig time at \$450 = \$2,700	\$18,900
	45 sacks of cement at \$42/sack = \$1,890	\$20,700
6/12/13	3 hrs rig time at \$450 = \$1,350	\$22,050
	40 sacks of cement at \$42/sack = \$1,680	\$23,730
6/13/13	11 hrs at \$450 = \$4950	\$28,680
	2 hrs no charge	
6/14/13	15 hrs at \$450 = \$6,750	\$35,430
6/17/13	16.5 hrs @ \$450 = \$7,425	
	Mill Bit – changed to procedure	\$1,100
		\$43,995

6/18/13	7.5 hrs @ \$450	= \$3,562.5		\$47,557.5
6/19/13	15.5 hrs @ \$450	= \$6,975		
	CBL	\$3,000		
	Junk basket (JBGR)	\$1500		
	CIBP (770' and 442')	2 x \$2,500 = \$5,000		
	52 sx of cement	= \$42/sack	= \$2,184	\$66,186.5