

CEMENTING TREATMENT REPORT



TREATMENT NUMBER GH2011069	DATE 11/22/2011
STAGE	JOB TYPE P&A

WELL NAME AND NO. Twins 14-10	LOCATION (LEGAL) NE/NW Sec 11 T33S R68W	RIG NAME: Eastern Colo well service	CEMENT PUMPER: 2305
FIELD	FORMATION Raton Maxwell	WELL DATA	BOTTOM
COUNTY Las Animas	STATE Colorado	API NO. 05-071-09861	FT TOP

RIG FORMAN Hank Brooks	CEMENT SUPER Gary Hessling	BIT SIZE CSG/Line Size	WEIGHT	FOOTAGE	GRADE	THREAD	THREAD	DISP. CAPACITY	TOTAL
		TOTAL DEPTH	MUD TYPE	MUD DENSITY	MUD VISC	Include Footage From Ground Level To Head In Disp. Capacity		0	

SPECIAL INSTRUCTIONS P&A	Head & Plugs	TYPE	DEPTH
Crew on location: wagner, Romero, Clementsen, Fderrillo, Ferrelillo, Turjillo	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	TYPE	DEPTH

LIFT PRESSURE 100	PSI	BUMP PLUG TO	CEMENT TEMPERATURE:	ANNULAR VOLUME	BBLs
PRESSURE LIMIT 100	PSI	NO. of Centralizers	WATER QUALITY:	PH	TEMP

TIME	PRESSURE	VOLUME PUMPED	NO. OF CENTRALIZERS	JOB SCHEDULED FOR	ARRIVE ON LOCATION	RIG UP	LEFT LOCATION
0001 to 2400	TBG CSG	INCR CUM		TIME: 8:15 DATE: 11/22/2011	TIME: 8:15 DATE: 11/22/2011	TIME: 9:30 DATE: 11/22/2011	TIME: 12:00 DATE: 11/22/2011

TIME	TBG	CSG	INCR	CUM	RATE	FLUID TYPE	DENSITY	REMARKS
8:15								Arrive on location
10:00	50		7		1.5	H2o	8.34	Clear tubing and load hole with 7 bbls H2o
10:15	60		9	16	1.5	Cmt	15.8	CIBP set @ 610' Mix and pump 9 bbls class G cement with calcium chloride @ 15.8
10:25								POOH to surface and clean work string
10:45								Rig down BOP and wellhead
11:15	0	0	1	17	0.25	Cmt	15.8	Top of with 1 bbl to surface. Monitor for 30 min for fall back. None observed
12:00								Rigged down and left location

System Used	No. of Sacks	Yield (ft³/sk)	COMPOSITION OF SYSTEM	BBLs	DENSITY
Class G	49	1.15	Class G with Calcium chloride	10	15.8

CIRCULATION x <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	WASHED CASING DOWN <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	RETURNED TO SURFACE	BREAKDOWN	PSI	FINAL	PSI
DISPLACEMENT VOL.	BBLs		BEFORE PLUG BUMP	PSI	RATE	BPM