

Magna Energy Services, LLC
17509 County Road 14
Ft. Morgan, CO 80701
(970) 867-9007
Fax (970) 867-8374

Job Log

Date: 1/21/13

Operator: Noble Energy

Well Name: Spike State GWS D 10-16

Legal Location: SESE Sec 10 T3N R64W
API # 05-123-15927-00

1/16/14: MIRU P&A equipment

1/17/14: Check PSI, Tbg 150#'s, Csg 150 #'s, Blow well down, Circulate well bore w/ 80 bbls water, ND well head, NU B.O.P.'s, LD 1.9" Tbg (recovered 207 jts @ 6904'), RU Magna WL, RIH w/ JBGR @ 6900', ROH, RIH w/ CIBP set @ 6879', ROH, RIH w/CDB w/ 2 sxs of cement on top of CIBP @ 6879', ROH, RD Magna WL, SWI.

1/18/14: Gyro well

1/20/14: RU JW WL, RIH w/ CIBP set @ 4263', ROH, RIH w/ CDB w/ 2sxs of cement on top of CIBP @ 4263', ROH, RD JW WL, ND B.O.P.'s, unland csg, NU B.O.P.'s, RU Magna WL, RIH w/ jet cutter, Cut csg @ 2500', ROH, RD Magna WL, LD csg (recovered 81 jts of 3.5" csg @ 2500'), PU tbg @ 2517', establish circulation w/ 10 bbls water, Mix & pump 100 sxs Of 15.8# Class G cement @ 2517', Displaced w/ 10 bbls water, LD tbg, SWI.

1/21/14: PU tbg @ 586', establish circulation w/ 5 bbls water, Mix & pump 270 sxs of 15.8# Class G Cement to surface, LD tbg, RD P&A equipment, Top off well w/ 40 sxs of 15.8# Class G Cement, Dig up well & flow line 8' below ground surface, Cut & cap well & flow line 6' below ground surface, Backfill, P&A complete.

*** All cement used is Class "G" Neat 15.8 # ***

Cementing Contractor: Magna Energy Services, LLC
Cementing Contractor Supervisor: Scott Marez
Operator Supervisor: Kelly Reinhardt
COGCC Representative: Randell Johnson
Wireline Contractor: JW Wireline Co., Magna Energy Services, LLC

FIELD TICKET

Bill to: Noble
 Address: _____
 Company Rep. Erick Zwaagstra

Well/Project Spike State GWS D 10-16
 State CO
 County WELD
 Date 1/21/14 Job Complete YES / NO

Operations			Equipment			
From	To	Hours	Unit	\$	\$\$	
1/20/14	2	SET 2 ND CIBP @ 4263' w/ 2 SYS JW WL CO.	Rig	6	2 hrs @ [REDACTED]	[REDACTED]
			Travel		hrs @	/hr=
			Foreman		hrs @	/hr=
			Labor		hrs @	/hr=
			Truck		hrs @	/hr=
			Trailer		hrs @	/hr=
			Dozer		hrs @	/hr=
			Backhoe		hrs @	/hr=
			Forklift		hrs @	/hr=
			Vacuum Bobtail		hrs @	/hr=
			Vacuum Transport		hrs @	/hr=
			Water Tanker		hrs @	/hr=
			Triplex pump			
			Cementer			
			Cement Bulker			
			Pickup truck			
			Casing Tools			
			Casing Jacks			
			Fishing Tools			
			Tongs: 7" & up			
			Coll Tubing Unit			
			1" Work String			
			Welder			
			Casing Swab			
			Swab after Acid			
			Subsistence			
			Steamer			

Rods Pulled		Taxable Goods		
Tubing Pulled		Pipe Dope	0	=
Rods Run		OSR	0	=
Tubing Run		Swab Cups	0	=
Casing Pulled		Rod Wiper	0	=
Hours	Employees	Tubing Wiper	0	=
		Misc.	0	=
		Misc.	0	=
		Subtotal		
		Taxable Goods Subtotal		Tax
				Total

[Signature]
 Signature - WWS Operator

[REDACTED]