

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

Job Log

Date: 8/12/13

Operator: Noble Energy

Well Name: Federal Palomino 13-13

Legal Location: SWSE SEC 13 T8N R59W  
API # 05-123-20795-00

8/5/13: MIRU, P & A equipment

8/6/13: Pull & LD Rods (recovered 265 3/4" rods), unland tbg, Release tbg anchor, NU B.O.P's, TOO H w/ tbg, (Recovered 216 jts of 2 3/8 tbg @ 6666') SWI.

8/7/13: RU Magna WL, RIH w/CIBP set @ 6473', ROH, load hole & PSI csg to 500#'s, Failed 4 times, RD Magna WL, RU Vaughn WL, RIH w/ Gyro, ROH, RD Vaughn WL, SWI.

8/8/13: PU Packer, TIH w/ tbg @ 5933', PSI tbg- failed, PSI csg to 500#'S held, TIH w/ tbg @ 6427', PSI tbg – failed, PSI csg 500#'s held for 15 min., TOO H w/ tbg, RU Nabors WL, RIH w/ CIBP set @ 6430', ROH, PSI test csg 500#'s held for 15 min., RIH w/ CDB w/ 3 sxs of 15.8# Class G cement on top of CIBP @ 6430', ROH, RIH w/ squeeze gun shoot @ 5600', ROH, RD Nabors WL, TIH w/ CICR set @ 5528', establish circulation w/ 20 bbls water, Mix & pump 100 sxs of 15.8# Class G cement ( 90 sxs thru & 10 sxs on top of CICR), displaced w/ 21 bbls water, TOO H w/ tbg, SWI.

8/9/13: RU Nabors WL , RIH w/ squeeze gun shoot @ 2500', ROH, RD Nabors WL, TIH w/ CICR set @ 2433', establish circulation w/ 20 bbls water, Mix & pump 50 sxs of 15.8# Class G cement ( 40 sxs thru & 10 sxs on top), displaced w/ 9 bbls water, TOO H w/ tbg, RU Nabors WL, RIH w/ collar buster, cut csg @ 1010', ROH, RD Nabors WL, ND B.O.P.'s, unland csg, NU B.O.P.'s, LD csg ( recovered 23 jts of 4.5" csg @ 1010'), TIH w/tbg @ 1078' , establish circulation, , Mix & pump 100 sxs of 15.8# Class G cement, displaced w/ 4 bbls water, TOO H w/ tbg, SWI.

8/12/13: TIH w/ tbg, Tag TOC @ 646', establish circulation w/ 15 bbls water, Mix & pump 240 sxs of 15.8# Class G cement to surface, TOO H w/ tbg, ND B.O.P.'s, RDMO P & A equipment, Tag TOC @ 20' below surface, Top off well w/ 12 sxs of 15.8# Class G cement to surface, Dig up well 8' below ground surface, Cut & cap 6' below ground surface, Backfill, P & A complete.

\*\*\* All cement used is Class "C" Heat 15.8 # \*\*\*

Cementing Contractor: Magna Energy Services, LLC

Cementing Contractor Supervisor: Scott Marez

Operator Supervisor: Erich Zwaagstra

COGCC Representative: Kym Schure

Wireline Contractor: Nabors WL, Magna Energy Services, LLC

8442

FIELD TICKET

Bill to: Noble Well/Project: Federal Palomino 13-13  
 Address: \_\_\_\_\_ State: CO  
 County: WELD  
 Company Rep: Erich Zwagstra Date: 8/13/13 Job Complete  YES / NO

Operations			Equipment			
From	To	Hours	Unit	\$	SS	
8/7/13	3	Run Gyro	Rig	6	14	hrs @ [REDACTED] /hr= [REDACTED]
			Travel			hrs @ _____ /hr= _____
			Foreman			hrs @ _____ /hr= _____
8/8/13	8	TIH w/ Packer, Find Hole in CSG, CIBP failed, NABERS SET SQ Hole 5600', TIH w/ CIBP SET @ 5528' Mix + Pump 106 SXS 15-8#	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= _____
8/9/13	3	SQ GVA SHOOT @ 2500', SET CIBP @ 2433' Mix + Pump 50 SXS 6# 15-8#	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			_____
			2 - 4.5" CIBP	2	x	[REDACTED] [REDACTED]
Rods Pulled			Taxable Goods			_____
Tubing Pulled			Pipe Dope		@	_____
Rods Run			OSR		@	_____
Tubing Run			Swab Cups		@	_____
Casing Pulled			Rod Wiper		@	_____
Hours		Employees	Tubing Wiper		@	_____
			Misc		@	_____
			Misc		@	_____
						Subtotal _____
			Taxable Goods Subtotal		Tax	_____
						Total \$ [REDACTED]
			Signature - WWS Operator			_____
			Signature - Company Representative			_____
			AFE/Account Code			_____



# SUPERIOR WELL SERVICES

## SALES AND SERVICE FIELD TICKET

TICKET NO. 45- 009298

SERVICE DATE 8-8-13

TICKET PAGE 1 of 1

0903 Master Field Ticket

CHARGE TO <i>Noble Energy</i>		LEASE NAME OR PROJECT <i>Federal Palomino 13-13</i>	
ADDRESS		COUNTY <i>Weld</i>	STATE <i>CO</i>
		FIELD <i>Wathub</i>	WELL PERMIT NUMBER
OWNER		SERVICE ENGINEER <i>Misner</i>	

PURCHASE ORDER / REFERENCE	JOB TYPE <i>Squy holes</i>	CALLED OUT TIME DATE	ON LOCATION TIME DATE	COMPLETED TIME DATE
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SIGNATURE of CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT NAME HERE) *Subagstra*  
 X *[Signature]* I have read, understood and agreed to the terms and conditions printed on the reverse side hereof which include, but are not limited to, LIMITED WARRANTY, INDEMNITY, RELEASE and PAYMENT and represent that I have full power and authority to execute this agreement.

LOC	PRICE REFERENCE	AMOUNT	DESCRIPTION	UNIT COST	TOTAL COST
45	70 255 0100		<i>Pack-off</i>		[REDACTED]
45	70 200 9998		<i>Fuel Charge</i>		[REDACTED]
45	70 299 0050	4	<i>Squy holes in 4 1/2 casing</i>		[REDACTED]
45	70 210 1000		<i>Service Charge</i>		[REDACTED]
			<i>1 1/2 Port-Plug .35" Entry-hole</i>		[REDACTED]
			<i>[Signature]</i>		[REDACTED]
			<i>Less [REDACTED]</i>		[REDACTED]
			<i>3.3/52</i>		
			<i>[Signature]</i>		
			<i>John M. Adair</i>		
			<i>Shaw K</i>		

CUSTOMER OR AGENT SIGNATURE X <i>[Signature]</i> I acknowledge that the equipment, materials and services as listed on this filed ticket were received.	Unless satisfactory credit terms have been established prior to services payment in advance may be required. All invoices rendered for services performed by Superior Well Services shall be paid as indicated on the invoice within thirty days (30) from date of receipt. If not paid within thirty (30) days the unpaid amount is subject to interest at one and one half percent (1 1/2%) per month (eighteen percent per annum) All discounts indicated on the invoice are based upon payment within the invoice payment term and are subject to being cancelled by Superior Well Services if not paid within terms. If it should be necessary to employ an attorney to collect the amount due, you will be held liable for attorneys' fees and collection costs. Superior Well Services, price book is incorporated herein by reference, which also contains all invoice payment terms.	Subtotal
		Bal Due <i>[REDACTED]</i>



# SUPERIOR WELL SERVICES

## SALES AND SERVICE FIELD TICKET

TICKET NO. 45- 009300
SERVICE DATE 8-7-13
TICKET PAGE 1 of 1

0903 Master Field Ticket

CHARGE TO <i>Noble Energy</i>		LEASE NAME OR PROJECT <i>Palomine 13-13</i>	
ADDRESS		COUNTY <i>Weld</i>	STATE <i>CO</i>
		FIELD <i>Watt</i>	WELL PERMIT NUMBER
OWNER		SERVICE ENGINEER <i>Maishor</i>	

PURCHASE ORDER / REFERENCE	JOB TYPE <i>Sy - holes</i>	CALLED OUT TIME DATE	ON LOCATION TIME DATE <i>9:30</i> <i>8-7-13</i>	COMPLETED TIME DATE
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SIGNATURE of CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT NAME HERE) *Ewagstra* X  
 I have read, understood and agreed to the terms and conditions printed on the reverse side hereof which include, but are not limited to, LIMITED WARRANTY, INDEMNITY, RELEASE and PAYMENT and represent that I have full power and authority to execute this agreement.

LOC	PRICE REFERENCE	AMOUNT	DESCRIPTION	UNIT COST	TOTAL COST
45 70	255 0100		<i>Pack off</i>		<i># [REDACTED]</i>
45 70	210 1000		<i>Service Charge</i>		<i># [REDACTED]</i>
45 70	200 9998		<i>Fuel Charge</i>		<i># [REDACTED]</i>
45 70	299 0050	<i>2500'</i>	<i>Spraying Holes 4 shots</i>		<i># [REDACTED]</i>
			<i>.35" Entry PPG 11g</i>		<i># [REDACTED]</i>
			<i>Handwritten signature</i>		<i>Less [REDACTED] % - ([REDACTED])</i>
			<i>AFE 141125</i>		
			<i>3.3/52</i>		
			<i>John H. Shaw K.</i>		

CUSTOMER OR AGENT SIGNATURE X	Subtotal
I acknowledge that the equipment, materials and services as listed on this filed ticket were received.	Bal Due $\rightarrow$ <i># [REDACTED]</i>