



1074222

Operator Name: CRECO Operating, LLC Lease Name: Holy Cow Well #: 1
 Sec. 35 Twp. 33 S. R. 3 East West County: Cowley

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Induction Lithodensity Compensated Neutron Microlog	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Induction</td> <td>KB</td> <td>1178</td> </tr> <tr> <td>Lithodensity</td> <td>KB</td> <td>1178</td> </tr> </table>	Name	Top	Datum	Induction	KB	1178	Lithodensity	KB	1178
Name	Top	Datum								
Induction	KB	1178								
Lithodensity	KB	1178								

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	13.5	10.75	41	337	Class A	240	3%CaCl 2%gel
Production	9.5	7	23	3912	60-40 poz mix	205	8% gel
Production	9.5	7	23	3912	thick set cemen	150	5# Kol-seal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	-			
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3814-3825	Acid-15% HCl w/ 23 bbls 3% KCl	3808 cement plug
4	3378-3395	Pump 50 bbl pad; 150 bbl fluid	
4	3355-3365 & 3342-3346	1500 gal 15% HClFe	

TUBING RECORD: Size: <u>2.875</u> Set At: <u>3300</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>12/30/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3355-3346</u>
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CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 31554
LOCATION Eureka
FOREMAN Steve Allen

PO Box 884, Chanute, KS 66720
820-431-9210 or 800-487-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-7-11	2144	Holley Cew #1	35	335	2E	Cowley
CUSTOMER			TRUCK #			
Cresco			DRIVER			
MAILING ADDRESS			TRUCK #			
210 Park Ave Ste 1140			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE			TRUCK #			
Oklahoma City			DRIVER			
OKla.			TRUCK #			
73102			DRIVER			

JOB TYPE Surface HOLE SIZE 13 1/2 HOLE DEPTH 347' CASING SIZE & WEIGHT 10 3/4 40.5
 CASING DEPTH 337' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 145# SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING _____
 DISPLACEMENT 21.2 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: SAFETY Meeting: Rig up to 60" casing. Break circulation with 20 bbls
fresh water. Mix 240 sks Class Cement w/ 3% CCL2, 2% Gel & 1/2" Flo-Cake per sk AT 141.5'
Displace with 31 1/2 bbls fresh water. Shut well in. Good cement returns to surface.
20 bbl slurry to pit. Job complete Rig down

Thank you!

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405	1	PUMP CHARGE	775.00	775.00
5406	70	MILEAGE	4.00	280.00
11045	240 SKS	Class Cement	14.25	3420.00
1102	675#	CCL2 3%	.70	472.50
1108B	450#	Gel 2%	.20	90.00
1107	60#	Flo-Cake 1/2" per sk	2.22	133.20
5407A	11.28 Tons	Ton mileage Bulk Truck	1.26	994.90
			SUBTOTAL	6165.60
			SALES TAX 6.8%	279.87
			ESTIMATED TOTAL	6445.47

Rev'n 3737

AUTHORIZATION

TITLE 244080

DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



CONSOLIDATED
Oil Well Services, LLC



ENTERED

TICKET NUMBER 31574
LOCATION EUREKA
FOREMAN Kevin McCoy

PO Box 884, Chanute, KS 68720
820-431-9210 or 800-487-8676

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-035-24445

Ks

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-16-11	2144	Holy Cow # 1	35	335	3E	Cowley

CUSTOMER	HORIZON ENERGY SERVICES RIG 4	TRUCK #	DRIVER	TRUCK #	DRIVER
CRECO OPERATING, LLC		445	DAVE G.		
MAILING ADDRESS		515	CHRIS M.		
210 PARK AVE, STE 1140		611	CHRIS B.		
CITY	STATE	ZIP CODE			
OKLAHOMA CITY	OK	73102			

JOB TYPE Longstring 0 HOLE SIZE 9 1/2" HOLE DEPTH 3915' CASING SIZE & WEIGHT 7" 23" NEW
 CASING DEPTH 3912' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 12.6 - 13.5" SLURRY VOL 113 BBL WATER gal/sk 9" CEMENT LEFT IN CASING 2'
 DISPLACEMENT 154.6 BBL DISPLACEMENT PSI 1100 MAX PSI 1600 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 7" casing. Break circulation w/ 288 BBL fresh water, mixed 205 sks 60/40 Pozmix Cement w/ 8% GEL, 1" PhenoSeal /sk @ 12.6"/gal, yield 1.80. Tail in w/ 150 sks Thick Set Cement w/ 5" Kol-Seal /sk, 1/2" PhenoSeal /sk, 1/4" CFL-115 @ 13.5"/gal yield 1.75. Shut down, wash out pump & lines. Release Plug. Displace Plug to seat w/ 154.6 BBL 4% KCL water. Final Pumping Pressure 1100 psi. Bump Plug to 1600 psi. wait 2 minutes. Release Pressure. Float Held. Good Circulation @ ALL times while Cementing. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
5406	70	MILEAGE	4.00	280.00
5402		Footage Charge	.21	821.52
1131	205 SKS	60/40 Pozmix Cement	11.95	2449.75
1118 B	1410 *	GEL 8%	.20	282.00
1107 A	205 *	PhenoSeal 1"/sk	1.22	250.10
1126 A	150 SKS	THICK SET Cement	18.30	2745.00
1110 A	750 *	KOL-SEAL 5"/sk	.44	330.00
1135 A	35 *	CFL-115 1/4"	9.95	348.25
1107 A	75 *	PhenoSeal 1/2" /sk	1.22	91.50
5407 A	17.06 TONS	70 miles Bulk Delv.	1.26	1504.10
4409	1	7" Top Rubber Plug	82.00	82.00
4206	1	7" Guide Shoe	253.00	253.00
4187	1	7" AFU Float Collar	525.00	525.00
3172	32 gals	KCL (Mixed w/ Displacement water.	33.50	1072.00
			Sub Total	12,009.82
			SALES TAX 6.8%	500.25
			ESTIMATED TOTAL	12,510.07

Ravin 3737

THANK YOU
244383

AUTHORIZATION [Signature]

TITLE _____

DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form