

# Hodown Drilling

# INVOICE

Steven Leis and Andrew King, owners  
 P.O. Box 92  
 Yates Center, KS 66783  
 (719) 210-8806 (620) 330-6328

**DATE:** April 3, 2013  
**INVOICE #**

**BILL TO:**  
 Viva International, Inc  
 8357 Melrose Dr.  
 Lenexa, KS 66214

**FOR:** V-39

DESCRIPTION	Quantity	RATE	AMOUNT
set 40' of 7" surface casing (8 sacks of cement)		included	
drilled 1095', (5 7/8" hole)		6.50	7,117.50
run long string		included	
8 sacks cement	8.00	13.00	104.00
dig drill pits	1.00	150.00	150.00
SUBTOTAL			\$ 7,371.50
TAX RATE			
SALES TAX			-
OTHER			
<b>TOTAL</b>			<b>\$ 7,371.50</b>

*21 998-1008*  
*21 1046-1056*

Make checks payable to Hodown Drilling  
 Total due in 15 days. Overdue accounts subject to a service charge of 1% per month.

**THANK YOU FOR YOUR BUSINESS!**





**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

4th well

TICKET NUMBER 55102  
FIELD TICKET REF # 48313  
LOCATION Thayer  
FOREMAN Brett Busby

**TREATMENT REPORT**  
**FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-22-13		Glades 44 V-39				WO

CUSTOMER <u>Viva International</u>		
MAILING ADDRESS		
CITY	STATE	ZIP CODE

TRUCK #	DRIVER	TRUCK #	DRIVER
476	Josh	619T91	George
490	Don		
478	Joe		
521	Eric		
424	Wes		
618T95	Jay		

**WELL DATA**

CASING SIZE	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE <u>2 7/8 EUF</u>	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>998-1008 (21)</u>	<u>&gt; 42 Squirrels</u>
<u>1046-56 (21)</u>	

**TYPE OF TREATMENT**

Acid spot + frac w/acid OIF

**CHEMICALS**

<u>KLSUB - Biocide - Breaker</u>
<u>Acid - inhibitor - Stim Oil</u>

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI
PAD	20	20			BREAKDOWN 1200
16-30		20		100#	START PRESSURE
12-20		20			END PRESSURE
12-20				1900#	BALL OFF PRESS
8-12				500#	ROCK SALT PRESS
Balls (15)					ISIP 600
12-20 + (3)	(18)	18-15			5 MIN
12-20		15			10 MIN
12-20		15		2000#	15 MIN
8-12		15		500#	MIN RATE
FLUSH CASING	10	16			MAX RATE
Release balls to T.D. X 2			TOTAL	5,000#	DISPLACEMENT 6.2
OVERFLUSH	10	20	SAND		
TOTAL BBL'S	160				

**REMARKS:**

Spotted 100 gal - 15% HCL loaded (28) Big balls used (15)

Blend 150 gal - raw HCL acid OIF

Location 12:30 PM - 1:00 PM

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 4-22-13

Terms and Conditions are printed on reverse side.