

## DRILLERS LOG

API NO: 15 - 031 - 23868 - 00 - 00

OPERATOR: HARCON ENERGY INC

ADDRESS: 1749 SE 5th Lane, Box 292, LeRoy, KS 66857

WELL #: HI - 11

LEASE NAME: REMER

S. 28	T. 22	R. 16	<u>E.</u>	W.
LOCATION: <u>NW SE NW SE</u>				
COUNTY: <u>COFFEY</u>				
ELEV. GR.: <u>1001</u>				
DF: _____		KB: _____		

FOOTAGE LOCATION: 1835 FEET FROM ( N ) ( S ) LINE 1970 FEET FROM ( E ) ( W ) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: HARVEY FRANCIS

SPUD DATE: 4/11/2014

TOTAL DEPTH: 1070

P.B.T.D. \_\_\_\_\_

DATE COMPLETED: 4/16/2014

OIL PURCHASER: COFFEYVILLE RESOURCES CRUDE TRANSPORTATION

### CASING RECORD

REPORT OF ALL STRINGS - SURFACE, INTERMEDIATE, PRODUCTION, ETC.

PURPOSE OF STRING	SIZE HOLE DRILLED	SIZE CASING SET (in O.D.)	WEIGHT LBS/FT	SETTING DEPTH	TYPE CEMENT	SACKS	TYPE AND % ADDITIVES
SURFACE:	12.25	7	19	40	OWC	60	SERVICE COMPANY
PRODUCTION:	5.875	2.875	6.5	1060	OWC		SERVICE COMPANY

### WELL LOG

CORES: # \_\_\_\_\_

RECOVERED: \_\_\_\_\_

ACTUAL CORING TIME: \_\_\_\_\_

RAN: 1 - FLOAT SHOE

3 - CENTRALIZERS

1 - CLAMP

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	15
SAND & GRAVEL	15	28
LIME	28	30
SHALE	30	198
LIME	198	242
SHALE	242	326
LIME	326	342
SHALE	342	354
LIME	354	462
SHALE	462	465
LIME	465	471
SHALE	471	478
LIME	478	484
SHALE	484	487
LIME	487	492
SHALE	492	495
LIME	495	501
SHALE	501	511
LIME	511	570
SHALE	570	576
LIME	576	599
SHALE	599	604
LIME	604	621
SHALE	621	760
LIME	760	762
SHALE	762	764
LIME & SHALE	764	767
SAND & SHALE	767	789
LIME	789	793
SAND & SHALE	793	801
LIME	801	803
SAND & SHALE	803	811
LIME	811	821
SHALE	821	824
LIME	824	835
SAND & SHALE	835	876
LIME	876	884
SAND & SHALE	884	905
LIME	905	910
SAND & SHALE	910	923
LIME	923	929

FORMATION	TOP	BOTTOM
SAND & SHALE	929	943
LIME	943	948
SAND & SHALE	948	957
LIME	957	961
SAND & SHALE	961	967
LIME	967	968
SAND & SHALE	968	993.5
CAP LIME	993.5	995
SAND & SHALE	995	996
CAP LIME SHOW OIL	996	997
OIL SAND GOOD SHOW OIL	997	999
OIL SAND GOOD SHOW	999	1001
GOOD OIL SAND	1001	1003
OIL SAND FREE OIL	1003	1005
OIL SAND GOOD SHOW	1005	1007
SAND & SHALE OIL SHOW	1007	1009
SAND & SHALE SLIGHT SHOW	1009	1011
SAND & SHALE NO SHOW	1011	1013
SAND & SHALE	1013	1052
LIME	1052	1054
SHALE	1054	1070 T.D.

297

1001



**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
FINV  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

**MAIN OFFICE**  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 267392

Invoice Date: 04/16/2014 Terms: 0/30/10,n/30

Page 1

HARCON ENERGY, LLC  
1749 5TH LN. SE  
LEROY KS 66857  
(620) 964-2547

REAMER HI-11  
47054  
SE 28-16-22  
04-12-2014  
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	30.00	11.5000	345.00
1118B	PREMIUM GEL / BENTONITE	51.00	.2200	11.22
1111	SODIUM CHLORIDE (GRANULA	58.00	.3900	22.62
1110A	KOL SEAL (50# BAG)	150.00	.4600	69.00

Sublet Performed	Description	Total
9996-120	CEMENT MATERIAL DISCOUNT	-134.35

Description	Hours	Unit Price	Total
495 CEMENT PUMP (SURFACE)	1.00	870.00	870.00
495 EQUIPMENT MILEAGE (ONE WAY)	5.00	4.20	21.00
495 CASING FOOTAGE	40.00	.00	.00
503 TON MILEAGE DELIVERY	69.75	1.41	98.35
675 80 BBL VACUUM TRUCK (CEMENT)	2.00	100.00	200.00
712 WEEK-END SURCHARGE	1.00	.00	.00

Amount Due 1664.73 if paid after 04/26/2014

Parts:	447.84	Freight:	.00	Tax:	19.28	AR	1522.12
Labor:	.00	Misc:	.00	Total:	1522.12		
Sublt:	-134.35	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_

Date \_\_\_\_\_

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2651



**CONSOLIDATED**  
Oil Well Services, LLC

267392

TICKET NUMBER 47054

LOCATION Oxtawa KS

FOREMAN Fred Maden

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4.12.14	5023	Rosmer # HI-11	SE 28	16	22	CF

CUSTOMER  
Hannon Energy

MAILING ADDRESS  
1749 5th Ln SE

CITY  
Le Roy

STATE  
KS

ZIP CODE  
66852

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Mad		
495	Hav Boc		
675	Ken Cox		
503	Max Cox		

JOB TYPE surface HOLE SIZE 12 1/4 HOLE DEPTH 40' CASING SIZE & WEIGHT 7"

CASING DEPTH 40' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_

SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT In CASING 10' x

DISPLACEMENT 1.75 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish circulation thru 7" casing.  
Mix + Pump 30 sks 50/50 Premix Cement 270 Gal 5% Salt  
5# Hal Seal/sk. Cement to surface. Displace 7" casing clean  
w/ 1.75 BBL water. Shut in casing.

Finney Drilling

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE Surface Cement	495	<del>495</del> ✓
5406	5m:	MILEAGE		21.25 ✓
5402	40'	Casing footage		N/C ✓
5402A	69.75	Ten Miles	503	9825 ✓
5502C	2 hrs	90 BBL Vac Truck	675	2000 ✓
1104	30 sks	50/50 Premix Cement	345	✓
1118B	51#	Premium Gel	1133	✓
1111	58#	Granulated Salt	22.62	✓
1110A	150#	Hal Seal	69.00	✓
		Material	447.89	✓
		less 30%	-134.35	✓
		Total Material		313.54 ✓
5408		Weekend Surcharge		N/C ✓
		<input checked="" type="checkbox"/> completed	104.73	✓
		61658	SALES TAX	19.35 ✓
			ESTIMATED TOTAL	1522.89 ✓

Ravin 3737

AUTHORIZATION Bon Fr

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



**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

**MAIN OFFICE**  
P.O. Box 884  
Chenute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 267429

Invoice Date: 04/17/2014 Terms: 0/30/10,n/30

Page 1

HARCON ENERGY, LLC  
1749 5TH LN. SE  
LEROY KS 66857  
(620)964-2547

REAMER H1-11  
5220000848  
28-22-16  
04-16-2014  
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	150.00	11.5000	1725.00
1118B	PREMIUM GEL / BENTONITE	250.00	.2200	55.00
1110A	KOL SEAL (50# BAG)	750.00	.4600	345.00
1111	SODIUM CHLORIDE (GRANULA)	375.00	.3900	146.25
1123	CITY WATER	3000.00	.0173	51.90
4402	2 1/2" RUBBER PLUG	2.00	29.5000	59.00

Sublet Performed	Description	Total
9996-170	CEMENT MATERIAL DISCOUNT	-681.37

Description	Hours	Unit Price	Total
445 CEMENT PUMP	1.00	1085.00	1085.00
445 EQUIPMENT MILEAGE (ONE WAY)	50.00	4.20	210.00
637 TON MILEAGE DELIVERY	1.00	451.20	451.20
667 80 BBL VACUUM TRUCK (CEMENT)	3.00	90.00	270.00

Amount Due 4544.85 if paid after 04/27/2014

Parts:	2382.15	Freight:	.00	Tax:	104.60	AR	3821.58
Labor:	.00	Misc:	.00	Total:	3821.58		
Sublt:	-681.37	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_

Date \_\_\_\_\_

BARTLESVILLE, OK  
918/338-0808

EL DORADO, KS  
316/322-7022

EUREKA, KS  
620/583-7884

PONCA CITY, OK  
580/762-2303

OAKLEY, KS  
785/672-8822

OTTAWA, KS  
785/242-4044

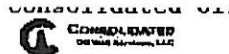
THAYER, KS  
620/839-5269

GILLETTE, WY  
307/686-4014

CUSHING, OK  
918/225-2651

16/2014

267429



522000846

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer:	Harcen Energy #5023	State/County:	Allen/Kansas	Cement Type:	CLASS A
Job Type:	Long String	Section:	28	Excess (%)	
Customer Acct #:		TWP:	22	Density	14
Well No.:	Remer H1 11	RGE:	16	Water Required:	6.01
Mailing Address:		Formation:		Yield:	1.4
City & State:		Tubing:		Sacks of Cement:	150
Zip Code:		Drill Pipe:		Slurry Volume:	38
Contact:		Casing Size:	2 7/8	Displacement:	6.1
Email:		Hole Size:	5 7/8	Displacement PSI:	200/300
Cell:		Casing Depth:	1060	MIX PSI:	200
Dispatch Location:	EUREKA	Hole Depth:	1070	Rate:	3.5

Code	Description	Quantity	Unit	Price per Unit	Total
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,085.00	\$ 1,085.00
5406	EQUIPMENT MILEAGE (ONE-WAY)	50	PER MILE	\$4.20	\$ 210.00
5407A	TON MILEAGE DELIVERY	6.4	PER MILE	\$1.41	\$ 451.20
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
<b>EQUIPMENT TOTAL</b>					<b>\$ 1,746.20</b>

Code	Description	Quantity	Unit	Price per Unit	Total
1124	5050 POZMIX CEMENT W/ NO ADDITIVES	160	0	\$11.50	\$ 1,725.00
1118B	PREMIUM GEL/BENTONITE (50#)	250	0	\$0.22	\$ 55.00
1110A	KOL SEAL (50 # SK)	750	0	\$0.46	\$ 345.00
1111	GRANULATED SALT (50#) SELL BY #	375	0	\$0.39	\$ 148.25
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0	30% Discount	0		\$0.00	\$ (681.37)
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
1123	CITY WATER (PER 1000 GAL)	3	0	\$17.30	\$ 51.90
<b>CHEMICAL TOTAL</b>					<b>\$ 1,841.78</b>

Code	Description	Quantity	Unit	Price per Unit	Total
5502C	80 BBL VACUUM TRUCK (CEMENT)	3	BL VACUUM TRUCK (CEM)	\$90.00	\$ 270.00
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
<b>TRANSPORT TOTAL</b>					<b>\$ 270.00</b>

Code	Description	Quantity	Unit	Price per Unit	Total
0	Cement Baskets	0		\$0.00	\$ -
0	Centralizer	0		\$0.00	\$ -
0		0		\$0.00	\$ -
0	Float Shoe	0		\$0.00	\$ -
0	Float Collars	0		\$0.00	\$ -
0	Guide Shoes	0		\$0.00	\$ -
0	Baffle and Flapper Plates	0		\$0.00	\$ -
0	Packer Shoes	0		\$0.00	\$ -
0	DV Tools	0		\$0.00	\$ -
0	Ball Valves, Swedges, Clamps, Misc.	0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
4402	Plugs and Ball Sealers 2 7/8" RUBBER PLUG	2	0	\$29.50	\$ 59.00
0	Downhole Tools	0		\$0.00	\$ -
<b>CEMENT FLOATING EQUIPMENT TOTAL</b>					<b>\$ 59.00</b>

Code	DRIVER NAME	Rate	Sub Total
680	John Wade	6.15%	\$ 3,716.98
445	Joey		
637	Jim		
667	Zevi	0% (-DISCOUNT)	\$ 104.60
<b>DISCOUNTED TOTAL</b>			<b>\$ 3821.58</b>

completed

AUTHORIZATION

DATE OK By Jimmy Green

TITLE

FOREMAN John Wade

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.