

**ATTACHMENT TO ACO-1  
(DST, SAMPLE AND LOG TOPS AND PERF RECORD)**

API #15-015-23936-00-00  
Mills A-40  
660'FSL,2310'FWL  
Sec. 22-25S-05E  
Butler County, KS

**DST INFORMATION:**

DST #1 2414-2505 Zone: Viola(2491-2504)  
Times: 30-45-45-60  
1<sup>st</sup> open: ½" blow throughout  
2<sup>nd</sup> open: None  
Rec.: 20' OCM, 9% oil, 91% mud Tool: 12% Oil, 88% mud.  
IHP: 1186 FHP: 1149  
IFP: 50-44 FFP: 49-39  
ISIP: 330 FSIP: 284 Temp: 98.7 degrees F

DST #2 2500-2520 Zone: Simpson  
Times: 30-45-45-60  
1<sup>st</sup> open: 4" in 6 min, 9" in 13 min. btm bkt in 22 min no BB  
2<sup>nd</sup> open btm bkt in 30 min no BB  
Rec.: 292' TF: 2' oil, 290' SIOCWM (20' 3-O,32-W,65-M), 120'(1-O  
9-W, 90-M) 150'(TR-O, 73-W, 27-M)  
Tool: 9% oil, 69% wtr, 22% mud.  
CHLORIDES- 12000  
IHP: 1237 FHP: 1203  
IFP: 55-133 FFP: 132-172  
ISIP: 665 FSIP: 657 Temp: 101.8 degrees F

**SAMPLE AND LOG TOPS**

	Geo Samples KB-1346	Log Top KB-1346
Admire 550	521 +825	NONE
Admire 650	630 +716	632 +714
White CD LM	878 +468	879 +467
White CD SD	887 +459	887 +459
Oread	1361 -15	1361 -15
Heebner	1398 -52	1400 -54
Douglas SH	1430 -84	1431 -85
Douglas SD	1480 -134	1481 -135
Lansing	1679 -333	1679 333-
Lansing Base	1814 - 468	1814 -468
KC	1969 -623	1969 -623

	Geo Samples KB-1346	Log Top KB-1346
Stark	2071 -725	2071 -725
B/KC	2125 -779	2124 -778
Checkerboard	2206 -860	2205 -859
Hepler SD	2227 -881	2227 -881
Altamont	2256 -910	2251 -905
Cherokee	2336 -990	2336 -990
Cher SQ SD	2381 -1035	2383 -1037
Ardmore LM	2410 -1064	2410 -1064
Viola	2491 -1145	2492 -1146
Simpson	2504 -1158	2504 -1158
Simpson SD	2507 -1161	2507 -1161
PTD	2520 -1174	2520 -1174

### PERFORATION RECORD

4 SPF 2514.5' – 2518.5' CIBP @ 2512'  
 4 SPF 2507-2510' CIBP @ 2450'  
 4 SPF 2384-2388' CIBP @ 2320' – drilled out  
 2 SPF 2227-2247'

2410-16' – sqz perms

2384-88'; 2410-2416' – 225 sx Class A 2.5% cc  
 2227-2247' – 225 sx Class A 2.5% cc

Drill out to 2411' PBTD

4 SPF 2384-2388' CIBP @ 2340' - PBTD: 2411'  
 2 SPF 2227-2247' CIBP @ 1580'  
 Cmt perms 814' – Circ. 200 sx Class A, 2% gel, 3-1/4% cc  
 PBTD: 780'  
 Perf Admire – 632-642' - 2 SPF

100 gal mud acid – 2514.5 – 2518.5'  
 100 gal mud acid – 2507-2510'  
 250 gal acid 285 bbl gel water – 11000# sand - 2384-88'  
 250 gal acid 450 bbl gel water – 25000# sand - 2227-47'  
 250 gal acid 200 bbl gel water – 7000# sand - 2384-88'  
 250 gal acid 284 bbl gel water – 14000# sand - 2227-47'  
 250 gal acid 232 bbl gel water – 7000# sand - 632-642'





**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  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

MAY 02 2012

INVOICE

Invoice # 249351

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Invoice Date: 04/30/2012    Terms: 0/0/30,n/30    Page 1  
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VESS OIL CORPORATION  
1700 WATER FRONT PKWAY BLD 500  
WICHITA KS 67226  
(316) 682-1537

MILLS A 40  
34357  
22-25-5E  
04-22-12  
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	150.00	14.9500	2242.50
1102	CALCIUM CHLORIDE (50#)	400.00	.7400	296.00
1107	FLO-SEAL (25#)	50.00	2.3500	117.50

  

Description	Hours	Unit Price	Total
442 MIN. BULK DELIVERY	1.00	350.00	350.00
446 CEMENT PUMP (SURFACE)	1.00	825.00	825.00
446 EQUIPMENT MILEAGE (ONE WAY)	.00	4.00	.00

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Parts:            2656.00    Freight:            .00    Tax:                173.97    AR                4004.97  
Labor:            .00    Misc:                .00    Total:              4004.97  
Sublt:            .00    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  
785/672-2227

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

GILLETTE, WY  
307/686-4914



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 34357  
LOCATION 180  
FOREMAN Larry Starn

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

**FIELD TICKET & TREATMENT REPORT**

**CEMENT** APL-15-015-23936-00-00

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-22-12	8511	MPLS A-40	22	05	5E	Butler
CUSTOMER <u>Vess Oil Corp</u>						
MAILING ADDRESS <u>1700 WATERHEAT HWY RD 500</u>						
CITY <u>Wichita</u>		STATE <u>KS</u>	ZIP CODE <u>67206</u>			
			TRUCK #	DRIVER	TRUCK #	DRIVER
			<u>446</u>	<u>Jerald</u>		
			<u>442</u>	<u>Mark</u>		
			<u>539</u>	<u>Larry</u>		

JOB TYPE Surface B HOLE SIZE 12 1/4 HOLE DEPTH 279 CASING SIZE & WEIGHT 8 3/8  
 CASING DEPTH 271 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 150 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 30 ft  
 DISPLACEMENT 11.92 DISPLACEMENT PSI 250 MIX PSI 0 RATE 5.0 bbls

REMARKS: hooked onto 8 3/8 casing broke circulation - MPUSD  
150 sks A + 3% CACH2 + 14 lb Poly - Mark - Displaced 15 1/2 bbls to  
circulate cement on surface - 19 bbls displaced when got returns

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	825.00	825.00
5406		MILEAGE		N/A
11045	150 sks A		14.95	2242.50
1102	400 lbs CACH2		.74	296.00
1107	50 lbs Poly		2.35	117.50
5407	1	Bulk Delivery	350.00	350.00
		<u>Subtotal</u>		3831.00
		SALES TAX		173.97
		ESTIMATED TOTAL		4004.97

Revin 8737

049301

AUTHORIZATION Cotton 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**  
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Chanute, KS 66720  
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INVOICE

Invoice # 249484

Invoice Date: 04/30/2012 Terms: 0/0/30,n/30

Page 1

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1700 WATER FRONT PKWAY BLD 500  
WICHITA KS 67226  
(316) 682-1537

MILLS A40  
34362  
22-25S-5E  
04-27-12  
KS

MAY 04 2012

Part Number	Description	Qty	Unit Price	Total
1126A	THICK SET CEMENT	125.00	19.2000	2400.00
1110A	KOL SEAL (50# BAG)	625.00	.4600	287.50
1144G	MUD FLUSH (SALE)	500.00	1.0500	525.00
4159	FLOAT SHOE AFU 5 1/2"	1.00	344.0000	344.00
4454	5 1/2" LATCH DOWN PLUG	1.00	254.0000	254.00
4104	CEMENT BASKET 5 1/2"	2.00	229.0000	458.00
4130	CENTRALIZER 5 1/2"	6.00	48.0000	288.00

Description	Hours	Unit Price	Total
502 MIN. BULK DELIVERY	1.00	350.00	350.00
MISC ROTATING HEAD	1.00	205.00	205.00
603 CEMENT PUMP	1.00	1030.00	1030.00

Parts: 4556.50 Freight: .00 Tax: 298.45 AR 6439.95  
 Labor: .00 Misc: .00 Total: 6439.95  
 Sublt: .00 Supplies: .00 Change: .00

Signed \_\_\_\_\_ Date \_\_\_\_\_

BARTLESVILLE, OK  
918/338-0808

EL DORADO, KS  
316/322-7022

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785/242-4044

THAYER, KS  
620/839-5269

GILLETTE, WY  
307/686-4914



**CONSOLIDATED**  
Oil Well Services, LLC



**ENTERED**

TICKET NUMBER 34362

LOCATION 180

FOREMAN LARRY STANM

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

**FIELD TICKET & TREATMENT REPORT**

**CEMENT** APT-15-015-23936

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-27-12	8511	MPI/s # A40	2a	25 S	5E	BUTLER
CUSTOMER <u>Vess Oil Corp</u>						
MAILING ADDRESS <u>1700 WATER FRONT PLUMBY RD 500</u>						
CITY <u>Wichita</u> STATE <u>KS</u> ZIP CODE <u>67206</u>						
TRUCK #	DRIVER	TRUCK #	DRIVER			
539	LARRY					
603	JEFF					
502	STEVE					

JOB TYPE TRDD B HOLE SIZE 7 7/8 HOLE DEPTH 2520 CASING SIZE & WEIGHT 5 1/2 15.2 lb  
 CASING DEPTH 2519 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER 4 1/2 shoe IT  
 SLURRY WEIGHT 15.0 SLURRY VOL 34 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 42 ft  
 DISPLACEMENT 59.02 DISPLACEMENT PSI 800 MIX PSI 0 RATE 8.0 bbls

REMARKS: Mixed 125 sks Thick-set + 5 lbs Kal-seal per sk -  
Washed pump & lines - Displaced 59 bbls to LAND Plug at 1250/6r  
Float held!

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
		MILEAGE		
1126A	125	Thick-set	19.20	2400.00
1110A	625	lbs Kal-seal	.46	287.50
1144G	500	gals Mud Flush	1.05	525.00
5407	1	Bulk DePuevly	350.00	350.00
5620	1	Rotating Head	205.00	205.00
4159	1	5 1/2 APU Float Shoes	344.00	344.00
4454	1	5 1/2 hatch down	254.00	254.00
4104	2	5 1/2 Cement Baskets	229.00	458.00
4130	6	5 1/2 Centralizers	48.00	288.00
		Subtotal		6141.50
		SALES TAX		299.45
		ESTIMATED TOTAL		6439.95

Ravin 3737

049484

AUTHORIZATION Bassy Bentes 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