



11 Lewis Drive

Paola, KS 66071

**Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation**

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

Hoehn Oil, LLC

Fleming #13

API #15-059-26,512

September 25 - September 26, 2013

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
5	soil & clay	5
9	lime	14
6	shale	20
13	lime	33
5	shale	38
19	lime	57
24	shale	81
22	lime	103
12	sand	115 grey, no oil show
74	shale	189
22	lime	211
10	shale	221
2	broken sand	223 grey, no oil show
14	shale	237
6	lime	243
23	shale	266
5	sand	271 grey, no oil show
11	lime	282
6	shale	288
2	lime	290
14	shale	304
8	lime	312
1	shale	313
14	lime	327
7	shale	334
12	lime	346
16	shale	362
4	lime	366
4	shale	370
2	lime	372
54	shale	426
9	sand	435 light oil show (dark brown)
85	shale	520
7	lime	527
7	shale	534
11	lime	545 light oil show
21	sand	566 grey, light show
5	shale	571
1	coal	572

4	lime	576
14	shale	590
4	lime	594
11	shale	605
7	lime	612
13	shale	625
5	lime	630 good bleeding
6	shale	636
6	broken sand	642 good show brown & green
14	oil sand	656 light brown 50% bleeding sand
6	brown sand	662 brown & grey, thin bleeding seams
3.5	oil sand	665.5 brown, few thin bleeding seams
1	oil sand	666.5 brown, 80% bleeding
2	lime	668.5
7	oil sand	675.5 75% bleeding (brown)
14.5	oil sand	690
9	shale	699
6	oil sand	705 good bleeding, dark brown
11	shale	716 TD

Drilled a 9 7/8" hole to 21.8'

Drilled a 5 5/8" hole to 716'

Set 21.8' of 7" surface casing with 6 sacks of cement.

Set 706' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, and 1 clamp.

Core Times					
	<u>Minutes</u>	<u>Seconds</u>		<u>Minutes</u>	<u>Seconds</u>
639		22	659		25
640		34	660		26
641		38	661		29
642		30	662		32
643		25	663		34
644		25	664	1	8
645		23	665	1	48
646		27	666	1	46
647		26	667		38
648		26	668		31
649		26	669		34
650		26	670		35
651		29	671		39
652		30	672		33
653		36	673		35
654		36	674	1	1
655		35	675		38
656		28	676		33
657		31	677		34
658		28	678		32
			679		36



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

INVOICE

Invoice # 262751

Invoice Date: 09/30/2013 Terms: 0/0/30,n/30

Page 1

HOEHN OIL, LLC
40971 WEST 247TH
WELLSVILLE KS 66092
(913)244-1482

C. FLEMING #13
44676
SE 30-16-21
09-27-2013
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	102.00	11.5000	1173.00
1118B	PREMIUM GEL / BENTONITE	271.00	.2200	59.62
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50
Description		Hours	Unit Price	Total
368	CEMENT PUMP	1.00	1085.00	1085.00
368	EQUIPMENT MILEAGE (ONE WAY)	15.00	4.20	63.00
368	CASING FOOTAGE	706.00	.00	.00
370	80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00
510	MIN. BULK DELIVERY	1.00	368.00	368.00

Parts:	1262.12	Freight:	.00	Tax:	93.39	AR	3006.51
Labor:	.00	Misc:	.00	Total:	3006.51		
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 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650



CONSOLIDATED
Oil Well Services, LLC

262751

TICKET NUMBER 44676

LOCATION Ottawa

FOREMAN Alan 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
9-27-13	3602	G. Fleming L3	SE 30	16	21	Mi
CUSTOMER <u>Hoehn Oil</u>			TRUCK #			
MAILING ADDRESS <u>40971 W 247</u>			DRIVER			
CITY <u>Wellsville</u>			TRUCK #			
STATE <u>KS</u>			DRIVER			
ZIP CODE <u>66092</u>			TRUCK #			
			DRIVER			

JOB TYPE long string HOLE SIZE 3 7/8 HOLE DEPTH 716 CASING SIZE & WEIGHT 2 7/8
 CASING DEPTH 106 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING yes
 DISPLACEMENT 4.1 DISPLACEMENT PSI 800 MIX PSI 200 RATE 46ppm

REMARKS: Held meeting. Established rate down casing. Mixed and pumped 100# gel followed by 102 SK 50150 cement plus 2 1/2 gal. Circulated cement. Flushed pump. Pumped plus to casing TD. Well held 800 PSI. Set float. Closed valve.

Erang Travis

Alan Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1085.00
5406	15	MILEAGE	368	63.00
5402	706	casing footage	368	
5407	min	ton miles	510	368.00
5502C	1 1/2	80 vac	370	135.00
1124	102	50150 cement		1173.00
1118B	271 #	gel		59.60
4402	1	2 1/2 plus		29.50
<input checked="" type="checkbox"/> completed				
SALES TAX				913.39
ESTIMATED TOTAL				3006.51

Ravin 3737

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