



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 # 1-4

API #15-059-26,828

October 28 - October 29, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
7	limestone	15
5	shale	20
12	lime	32
5	shale	37
19	lime	56
18	shale	74
2	lime	76
17	shale	83
19	lime	112
10	sandstone	122
71	shale	193
19	lime	212
11	shale	223
7	lime	230
10	shale	240
6	lime	246
29	shale	275 oil show 270-274
6	lime	281
5	shale	286
2	lime	288
16	shale	304
24	lime	328
10	shale	338
21	lime	359
3	shale	362
13	lime	375 base of the Kansas City
148	shale	523
8	lime	531
20	shale	551
6	broken sand	557 thin light brown sand seams & shale slight show
16	shale	573
2	coal	575
5	shale	580
3	lime	583
15	shale	598
5	lime	603
7	shale	610 dark

6	limey sand	616 few thin shale seams
4	shale	620
3	limey sand	623
6	shale	629 dark
4	brown lime	633 oil
3	limey sand	636
4	shale	640 green drilled start of core
1	brown shale	641
2	broken sand	643 30% bleeding sand, 70% green shale
2	oil sand	645 bleeding
2	limey sand	647
1.5	oil sand	648.5
0.8	lime	649.3
3.7	sand	653 20% shale 80% bleeding sand
4	shale	659 15% sand seams 85% shale
31	shale	688 no show
1	lime	689
9	shale	698
1	sea shell lime	699
6	shale	705 few very thin brown sand seams
		705 TD

Drilled a 9 7/8" hole to 21.65'

Drilled a 5 5/8" hole to 705'

Set 21.65' of new 7" threaded and coupled surface casing with 5 sacks of cement.

Set 697' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp.

## Upper Squirrel Core Times

	<u>Minutes</u>	<u>Seconds</u>
641		22
642		30
643		29
644		33
645		31
646		28
647	1	18
648	1	45
649		32
650		36
651		20
652		14
653		20
654		28
655		22
656		30
657		33
658		24
659		23
660		21

272298

689  
656



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 50570  
LOCATION Ottawa  
FOREMAN Alan Mader

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
10-29-14	3603	C. Fleming I-4	9E 20	16	21	FR
CUSTOMER Hoeh Oil						
MAILING ADDRESS 40971 W 247th						
CITY Wellsville		STATE KS	ZIP CODE 66092			

TRUCK #	DRIVER	TRUCK #	DRIVER
730	Al Mader	Safety	Meet
368	Al Mader		
369	Mik Hag		
510	DusWeb		

JOB TYPE long string HOLE SIZE 5 5/8 HOLE DEPTH 705 CASING SIZE & WEIGHT 2 7/8  
 CASING DEPTH 696.9 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING yes  
 DISPLACEMENT 4.05 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 bpm

REMARKS: Held meeting. Established rate. Mixed & pumped 100# gel followed 92 slk 50150 cement plus 2% gel. Circulated cement. Flushed pump. Pumped plug to casing TP. Well held 800 PSI for 30 min MIT. Set float.

Evans Energy

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1095.00
5406	15	MILEAGE	368	63.00
5402	696.9	casing footage	368	
5407	min	ton miles	510	368.00
5502L	1 1/2	820 gal	369	100.00
11271	92	50150 cement	1058.00	
1118B	255#	gel	56.10	
		Material sub	1114.10	
		Less 50% -	334.23	
		Material total		779.87
4402	1	2 1/2 plug		39.50
			2897.09	
		SALES TAX		61.92
		ESTIMATED TOTAL		2537.29

Revin 3737  
NO company rep  
J.M. Oko

HORIZION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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