



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

11 Lewis Drive

Paola, KS 66071

Phone: 913-557-9083

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WELL LOG

Hoehn Oil, LLC

Fleming # I-8

API #15-059-26,678

June 18 - June 19, 2014

Thickness of Strata

Formation

Total

15	soil & clay	15
14	lime	29
4	shale	33
12	lime	45
4	shale	49
21	lime	70
29	shale	99
23	lime	122
81	shale	203
21	lime	224
27	shale	251 oil show (230)
5	lime	256
30	shale	286
8	lime	294
22	shale	316
25	lime	341 oil show
9	shale	350
22	lime	372
3	shale	375
14	lime	389 base of the Kansas City
145	shale	534
12	lime	546
36	shale	582
1	coal	583
4	shale	587
22	lime	609
5	lime	614 light oil show
5	shale	619
4	lime	623 oil show
15	shale	638
4	lime	642 good bleeding
1	lime	643 no bleeding
9	shale	652
0.5	broken oil sand	652.5 brown & green, 80% bleeding
1.5	oil sand	654 brown 80% bleeding
2	oil sand	656 brown, no bleeding
4	oil sand	660 brown, 100% bleeding
1.5	oil sand	661.5 brown 10% bleeding
2.5	broken sand	664 brown & green, thin bleeding seams

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shale
broken sand

720
730 brown & grey, no oil show
730 TD

Drilled a 9 7/8" hole to 21.2'
Drilled a 5 5/8" hole to 730'

Set 21.2' of 7" surface casing with 5 sacks of cement.

Set 720' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp, and 1 baffle.

	Core Times	
	<u>Minutes</u>	<u>Seconds</u>
652		35
653		31
654		30
655		31
656		33
657		27
658		27
659		27
660		22
661		31
662		30
663		31
664		38
665		53
666		53
667		51
668		43
669		42
670		49
671		44
672		46



CONSOLIDATED
Oil Well Services, LLC

269029

TICKET NUMBER 47304
LOCATION Ottawa, KS
FOREMAN Cassey Kennedy

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
6/19/14	3602	Fleming # I-8	SE 20	16	21	FR

CUSTOMER: Hoehn Oil Inc.
MAILING ADDRESS: 40971 W. 247th
CITY: Wellsville STATE: KS ZIP CODE: 666092

TRUCK #	DRIVER	TRUCK #	DRIVER
729	Casken	✓ Safety Meeting	
666	Kei Car	✓	
548	Mik Fox	✓	
675	Kei Det	✓	

JOB TYPE long string HOLE SIZE 5 5/8" HOLE DEPTH 730' CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 720' DRILL PIPE _____ TUBING baffle - 696' OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 24'
DISPLACEMENT 4.03 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200 # Premium Gel followed by 10 bbls fresh water, mixed & pumped 100 sks 150 # Formix cement w/ 2 7/8 gel per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to baffle w/ 4.03 bbls fresh water, pressured to 800 PSI, well held pressure for 30 min MIT, released pressure, shut in casing.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1085.00
5406	15 mi	MILEAGE		63.00
5402	720'	casing footage		
5407	minimum	ten mileage		368.00
5502c	1.5 hrs	80 Vac		150.00
1124	100 sks	9950 Formix cement	1150.00 ✓	
1118B	368 #	Premium Gel	80.96 ✓	
		materials	1230.96 ✓	
		-35%	369.29 ✓	
		subtotal		861.67
4402	1	2 1/2" rubber plug		29.50 ✓
			<input checked="" type="checkbox"/>	completed
				3022.89
		7.65%	SALES TAX	68.18 ✓
			ESTIMATED TOTAL	2625.35 ✓

Ravin 3737

Jim Hoehn

AUTHORIZATION _____ 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.