



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

Hunt Oil, LLC

Banks #20

API #15-003-26,107

March 13 - March 17, 2014

Thickness of Strata

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
12	soil & clay	12
4	clay & gravel	16
40	shale	56
29	lime	85
15	shale	100
1	lime	101
3	shale	104
2	lime	106
47	shale	153 red
10	lime	163
6	shale	169
38	lime	207
3	shale	210
25	lime	235
3	shale	238
22	lime	260 base of the Kansas City
175	shale	435
4	lime	439
7	shale	446
4	lime	450 oil show
10	shale	460
3	broken sand	463 limey green sand & brown sand minimal bleeding
3	silty shale	466
3	broken sand	469 50% shale 50% brown sand light bleeding
5	shale	474
1	coal	475
1	shale	476
4	silty shale	480
14	sand	494 brown sand light oil odor, no bleeding making water
1	broken sand	495 80% brown sand 20% shale, ok bleeding
4	shale	499
1	coal	500
4	shale	504
10	lime	514
13	shale	527
2	lime	529
23	shale	552

Banks #20

Page 2

13	lime	565
19	shale	584
2	lime	586
18	shale	604
1	lime	605
5	shale	610
1	silty shale	611
3	oil sand	614 brown sand few thin shale seams good bleeding
3	broken sand	617 65% brown ok bleeding gassy sand 35% shale
3	silty shale	620
17	shale	637
1	lime & shells	638
13	shale	651
1	lime & shells	652
3	oil sand	655 hard brown sand gassy, few thin shale seams, light bleeding
1	broken sand	656 80% grey sand 20% brown sand light bleeding
1	broken sand	657 50% brown sand 50% shale, light bleeding
1	broken sand	658 20% brown sand 80% shale, light bleeding
9	silty shale	667
1	limey sand	668 black
6	silty shale	674
12	shale	686
1	coal	687
46	shale	733
2	oil sand	735 brown sand, good bleeding, gassy
2	broken sand	737 70% shale, 30% brown sand, good bleeding, gassy
2	shale	739
1	oil sand	740 brown good bleeding
1	shale	741
2	broken sand	743 60% shale 40% sand, ok bleeding
1	oil sand	744 light brown, minimal bleeding
1	silty shale	745
1	sand	746 black & light brown sand
7	silty shale	753
2	black sand	755 no oil
12	silty shale	767
1	oil sand	768 brown sand, light bleeding
8	silty shale	776
5	sand	781
5	shale	786
1	sand	787 grey, no oil, TD

Drilled a 9 7/8" hole to 22'

Drilled a 5 5/8" hole to 787'

Set 22' of 7" threaded and coupled surface casing, cemented with 6 sacks cement.

Set 777' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp.



CONSOLIDATED
Oil Well Services, LLC

266690

TICKET NUMBER 42720

LOCATION Ottawa KS

FOREMAN Fred Maden

PO Box 804, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-27-14	9999	Banks #20	NE 22	20	20	AD
CUSTOMER			TRUCK #			
Hunt Oil LLC			DRIVER			
MAILING ADDRESS			TRUCK #			
259 W Park Rd			DRIVER			
CITY			TRUCK #			
Garnett			DRIVER			
STATE			TRUCK #			
KS			DRIVER			
ZIP CODE			TRUCK #			
66032			DRIVER			

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 787' CASING SIZE & WEIGHT 2 7/8 EUE
 CASING DEPTH 770 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug
 DISPLACEMENT 4.52 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish pump rate. Mix + Pump 200# Gel Flush. Mix + Pump 1 sks 50/50 Por Mix Cement 2% Gel 1/4# Flo Seal/sk. Cement to surface. Flush Pump + lines clean. Displace 2 1/2" Rubber plug to casing TD. Pressure to 800 # PSI.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5461	1	PUMP CHARGE	495	1085 ⁰⁰
5406	25 mi	MILEAGE	495	105 ⁰⁰
5402	777	Casing footage		N/C
5407	Minimum	Ton Miles	503	368 ⁰⁰
55020	2 hrs	80 BBL Vac Truck	369	200 ⁰⁰
1124	120 sks	50/50 Por Mix Cement	1380 ⁰⁰	✓
1118B	300 #	Premium Gel	166 ⁴⁴	✓
1107	30 #	Flo Seal	74 ¹⁰	✓
		Sub Total	1520 ⁵⁴	
		Less 30%	-456 ¹⁶	✓
		Total Material	1064 ³⁸	1064 ³⁸
11402	1	2 1/2" Rubber Plug		29 ⁵⁰
		Find 3/17/14 CK # 1005		3308.04
		7 Maden	7.65%	SALES TAX
				ESTIMATED
				TOTAL
				2935 ⁵⁶

Flavin 3787

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