



LEIS OIL SERVICES

1410 150th Rd. • Yates Center, Kansas 66783 • (620) 212-0752



Operator License #: 30345	API #: 15-207-28731-00-00
Operator: Piqua Petro, Inc.	Lease: Wingrave
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 69-13
Phone: (620) 433-0099	Spud Date: 11-13-13 Completed: 11-14-13
Contractor License: 34036	Location: SW-SW-NE-SE of 16-24-16E
T.D. : 1056 T.D. of Pipe: 1052 Size: 2.875"	1350 Feet From North
Surface Pipe Size: 7" Depth: 42'	825 Feet From East
Kind of Well: Oil	County: Woodson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
8	Soil/Clay	0	8	5	Lime	926	931
8	Gravel/Sand	8	16	3	Shale	931	934
108	Shale	16	124	2	Black Shale	934	936
20	Lime	124	144	12	Shale	936	948
18	Shale	144	162	11	Oil Sand	948	959
13	Lime	162	175	32	Shale	959	991
22	Shale	175	197	1	Lime	991	992
195	Lime	197	392	12	Oil Sand	992	1004
18	Shale	392	410	52	Shale	1004	1056
2	Lime	410	412				
55	Shale	412	457				
76	Lime	457	533				
8	Shale/Black Shale	533	541				
24	Lime	541	565				
3	Shale/Black Shale	565	568				
20	Lime	568	588				
169	Shale	588	757				
3	Lime	757	760				
23	Shale	760	783				
9	Lime	783	792				
61	Shale	792	853				
3	Lime	853	856				
8	Shale	856	864				
5	Lime	864	869				
16	Shale	869	885				
4	Lime	885	889				
13	Shale	889	904		T.D.		1056
7	Lime	904	911		T.D. of Pipe		1052
15	Shale	911	926				



Leis Oil Services, LLC

1410 150th Rd
Yates Center, KS 66783

Invoice

Date	Invoice #
11/8/2013	1018

Bill To
Piqua Petro, Inc. 1331 Xylan Rd Piqua, KS 66761

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
1,241	Willie North 8-13	6.25	7,756.25
1	Mississippi Bit Charge	600.00	600.00
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,262	Startz 9-13	6.25	7,887.50
1	Mississippi Bit Charge	600.00	600.00
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,116	Wingrave 66-13	6.25	6,975.00
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,107	Wingrave 67-13	6.25	6,918.75
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
420	Little Kramer trenching	0.75	315.00
1,055	Wingrave 68-13	6.25	6,593.75
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,056	Wingrave 69-13	6.25	6,600.00
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,066	Wingrave 70-13	6.25	6,662.50
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
1,081	Wingrave 71-13	6.25	6,756.25
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
2	spread rock by barn on wingrave and cleared location for 72-13 along trees	45.00	90.00
		Total	\$59,483.00



CONSOLIDATED
Oilfield Services, LLC

264012

TICKET NUMBER 27461
LOCATION Eureka
FOREMAN Charney William

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
11-15-13	4950	wingrave 69-13				Woodson
CUSTOMER Pigna Petroleum			TRUCK #			
MAILING ADDRESS 1331 Xylan Rd.			DRIVER			
CITY Pigna			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 66761			TRUCK #			
			DRIVER			

JOB TYPE L.S. HOLE SIZE 6 5/8 HOLE DEPTH 1,053' CASING SIZE & WEIGHT 2 7/8" 6.5#
 CASING DEPTH 1,052' DRILL PIPE _____ TUBING _____ OTHER Yield - 1.57cu
 SLURRY WEIGHT 13.4# SLURRY VOL 39 BBL WATER gal/sk 7.2 gal/sk CEMENT LEFT in CASING 0
 DISPLACEMENT 6.1 BBL DISPLACEMENT PSI 300# MIX PSI 200# RATE 3

REMARKS: Safety Meeting. Rig up to 2 7/8" tubing. Pump 5 BBL H2O @ 2 BPM @
pump 12 BBL Gel. Established circulation with 7 BBL, 5 BBL H2O,
pump 39 BBL of Slurry @ 4 BPM @ 200#, Shut Down wash P/L
and stuff 2 plugs. Displace 6.1 BBL. Landed plug @ 1,000#
Bled # off too 500# and closed well in. Circulated 12 BBL
of Slurry to pit. A pas
60/40 + 5#kk Kol Seal + 4% Gel + 1% CaCl2 +

Thanks.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1,085. ⁰⁰	1,085. ⁰⁰
5406	40	MILEAGE	4.2 ⁰⁰	168. ⁰⁰
1131	140 sks	60/40 Pozmix	13.1 ²	1,845. ²⁰
1110A	700 #	Kol Seal	.46	322. ⁰⁰
1118B	480 #	Gel	.22	105. ⁶⁰
1102	120 #	CaCl2	.78	93. ⁶⁰
1107A	140 #	Pheno	1.35	189. ⁰⁰
1118B	300 #	Gel Flush	.22	66. ⁰⁰
5487	6 Ton	Bulk Ton Mileage		368. ⁰⁰
4402	2	2 7/8" Rubber Plug	29.5 ⁰⁰	59. ⁰⁰
5502C	3 hr.	80 Vac	100. ⁰⁰	300. ⁰⁰
1123	3,000 gal	City Water	17.3 ⁰⁰	51.9 ⁰⁰
			7.15	SALES TAX \$195.35
				ESTIMATED TOTAL \$4,848. ⁶⁵

completed

Revin 3737

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.