



LEIS OIL SERVICES



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

Operator License #: 30345	API #: 15-207-28712-00-00
Operator: Piqua Petro, Inc.	Lease: Wingrave
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 68-13
Phone: (620) 433-0099	Spud Date: 11-11-13 Completed: 11-12-13
Contractor License: 34036	Location: SE-NE-SE of 16-24-16E
T.D. : 1055 T.D. of Pipe: 1047 Size: 2.875"	1550 Feet From North
Surface Pipe Size: 7" Depth: 42'	500 Feet From East
Kind of Well: Oil	County: Woodson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
15	Soil/Clay	0	15	5	Lime	922	927
11	Gravel/Sand	15	26	4	Shale	927	931
101	Shale	26	127	3	Black Shale	931	934
25	Lime	127	152	8	Shale	934	942
5	Shale	152	157	5	Broken Oil Sand	942	947
156	Lime	157	313	8	Oil Sand	947	955
6	Shale	313	319	29	Shale	955	984
71	Lime	319	390	1	Lime	984	985
18	Shale	390	408	2	Shale	985	987
3	Lime	408	411	1	Lime	987	988
45	Shale	411	456	16	Oil Sand	988	1004
75	Lime	456	531	41	Shale	1004	1055
7	Shale/Black Shale	531	538				
23	Lime	538	561				
4	Shale/Black Shale	561	565				
20	Lime	565	585				
170	Shale	585	755				
4	Lime	755	759				
21	Shale	759	780				
9	Lime	780	789				
61	Shale	789	850				
4	Lime	850	854				
12	Shale	854	866				
5	Lime	866	871				
12	Shale	871	883				
3	Lime	883	886				
15	Shale	886	901		T.D.		1055
8	Lime	901	909		T.D. of Pipe		1047
13	Shale	909	922				



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
OK Well Services, LLC

263969

TICKET NUMBER 45221
LOCATION Eureka
FOREMAN Steve Mead

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
11-13-13	4950	Wingrover 68-13				Woodson
CUSTOMER Piqua Petroleum			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 1331 Xylan Rd.						
CITY Piqua		STATE KS	ZIP CODE 66761			

JOB TYPE W 0 HOLE SIZE _____ HOLE DEPTH 1055 CASING SIZE & WEIGHT _____
 CASING DEPTH 1047 DRILL PIPE _____ TUBING 2 7/8 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING _____
 DISPLACEMENT 6.06 bbls DISPLACEMENT PSI 500* MIX PSI Bump Plug 1000* RATE _____

REMARKS: Safety Meeting. Rig up to 2 7/8 Tubing. Break Circulation w/ Fresh Water. Pump 300* Gel Flush + 5 bbls water spacer. Mix 140sk 60/40 Pozmix Cement w/ 5# Kol-Seal, 4% Gel + 1% CaCl2. Shutdown Wash out pump + line. Stuff 2 plug. Displace w/ 6.06 bbls Fresh Water. Final Pumping Pressure 500* Bump Plug 1000*. Shut well in Sec 2 Good Cement Return to surface. 6 bbl top it. Job Complete Rig down

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085.00	1085.00 ✓
5406	40	MILEAGE	4.20	168.00 ✓
1131	140sk	60/40 Pozmix Cement	13.18	1845.20 ✓
1110A	700*	Kol-Seal 5# gel/sk	.46	322.00 ✓
1118B	480*	Gel 4%	.22	105.60 ✓
1102	120*	CaCl2 1%	.78	93.60 ✓
1118B	300*	Gel Flush	.22	66.00 ✓
5407	6.02 ton	Ton mileage Bulk Truck	m/c	368.00 ✓
4402	2	2 7/8 Rubber Plug	29.50	59.00 ✓
			Sub Total	4112.40
			7.15%	SALES TAX
				ESTIMATED TOTAL
				4290.53

completed

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... of order on the back of this form are in effect for services identified on this form