

Anderson County, KS
Well: Zastrow 23 I-HP
Lease Owner: Haas Petro

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
05/29/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
16	soil/clay	16
25	shale	41
28	lime	69
15	shale	84
2	lime	86
3	shale and lime	89
48	shale	137
11	lime	148
7	shale	155
37	lime	192
7	shale	198
22	lime	220
3	shale	223
24	lime	247
3	shale	250
3	lime	253
9	sandy shale	262
15	shale	277
4	sandy shale	281
6	sandy shale	287
3	shale	290
7	sandy shale	297
16	sandy shale	313
65	shale	378
7	sand	385
5	sandy shale	390
24	shale	414
2	lime	416
5	shale	421
2	lime	423
5	shale	428
9	lime	437
8	shale	445
12	sandy shale	457
10	shale	467
1	coal	468
11	sandy shale	479
8	shale	487
8	lime	495
5	shale	500

Zastrow Farm: Anderson County

KS State; Well No. 235-110

Elevation 944 Feet

Commenced Spuding 5-29 20 14

Finished Drilling 6-3 20 14

Driller's Name Chad Weaver

Driller's Name _____

Driller's Name _____

Tool Dresser's Name Cole Holcom

Tool Dresser's Name John Lehse

Tool Dresser's Name _____

Contractor's Name TOS

14 20 20

(Section) (Township) (Range)

Distance from N line, 1040 ft.

Distance from E line, 40 ft.

3-Sacks
**CASING AND TUBING
RECORD**

10" Set _____ 10" Pulled _____

8" Set _____ 8" Pulled _____

~~6 7/8~~ Set 20' 6 1/4" Pulled _____

4" Set _____ 4" Pulled _____

2 7/8" Set 76.1 ²⁵ 2" Pulled _____

780 TO

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CONSOLIDATED
Oil Well Services, LLC

268695

TICKET NUMBER 47299

LOCATION Atawa, KS

FOREMAN Coey, 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
6/4/14	3451	Zastrow # 23IHP	NE 14	20	20	AW
CUSTOMER Haas Petroleum			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 11551 Ash St Suite 205			729 Casken ✓ Safety/Loading			
CITY STATE ZIP CODE Lawood KS 66621			6666 Gar Moo ✓			
			570 Ar McD ✓			
			370 Kei Det ✓			

JOB TYPE Longstring HOLE SIZE 5 5/8" HOLE DEPTH 780' CASING SIZE & WEIGHT 2 7/8" EUE
 CASING DEPTH 761' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 4.40 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 bpm

REMARKS: held solid, waiting, established circulation, mixed & pumped 200# Premium Gel followed by 10 bbls fresh water, mixed & pumped @ 101 SKS 5% Pozmix cement w/ 2% gel per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to casing TD w/ 4.40 bbls fresh water, pressured to 800 PSI, well held pressure for 30 min MTT, released pressure, shut in casing.

[Handwritten signature]

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1085.00 ✓
5406	on lease	MILEAGE		_____ ✓
5402	761'	casing footage		_____ ✓
5407	1/2 minimum	top mileage		184.00 ✓
5502c	1.5 hrs	80 vac		150.00 ✓
1124	101 sks	5% Pozmix cement	1161.50	✓
1118B	370 #	Premium Gel	81.40	✓
		materials	1242.90	✓
		30%	372.87	✓
		subtotal		870.03 ✓
4402	1	2 1/2" rubber plug		29.50 ✓
				2788.74
			SALES TAX	68.82 ✓
			ESTIMATED TOTAL	2887.35 ✓

completed

Revin 3737

AUTHORIZATION Obad Ramrod 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.