KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1105064

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30304
Name: Taylor, Michael dba M. J. T. Enterprises
Address 1: 37411 JOHN BROWN HWY
Address 2:
City: OSAWATOMIE State: KS Zip: 66064 + 5254
Contact Person: Mike Taylor
Phone: (913) 755-4265
CONTRACTOR: License # 6142
Name: Town Oil Company Inc.
Wellsite Geologist: NA
Purchaser:

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [ ] Gas
- [ ] D&A
- [ ] ENHR
- [ ] SIGW
- [ ] OG
- [ ] GSW
- [ ] Temp. Abd.
- [ ] CM *(Coal Bed Methane)*
- [ ] Cathodic
- [ ] Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

- [ ] Deepening
- [ ] Re-perf.
- [ ] Conv. to ENHR
- [ ] Conv. to SWD
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

3/9/2012	3/15/2012	3/15/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-29005-00-00
Spot Description:
NE - NW - SE - SE Sec. 7 Twp. 18 S. R. 22 [x] East [ ] West
1185 Feet from [ ] North / [x] South Line of Section
705 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Miami
Lease Name: Davis Well #: 13
Field Name: Paola-Rantoul
Producing Formation: Squirrel
Elevation: Ground: 921 Kelly Bushing: 0
Total Depth: 682 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 20 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: 20 w/ 3 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 1500 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. [ ] East [ ] West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- [ ] **Letter of Confidentiality Received**
  Date:
- [ ] **Confidential Release Date:**
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrison **Date:** 12/28/2012

Side Two

1105064

Operator Name: Taylor, Michael dba M. J. T. Enterprises Lease Name: Davis Well #: 13

Sec. 7 Twp. 18 S. R. 22 ☑ East ☐ West County: Miami

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☑ Yes ☐ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

GammaRay/Neutron/CCL

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
GammaRay		

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9	7	10	20	Portland	3	50/50 POZ
Completion	5.6250	2.8750	8	678	Portland	95	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
4	640-650	2" DML RTG	10

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

typed

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D^2x.14xh
D equals diameter in feet.
h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004
BPH - barrels per hour
PSI - pounds square inch

TO FIGURE PUMP DRIVES

* D - Diameter of Pump Sheave
* d - Diameter of Engine Sheave
SPM - Strokes per minute
RPM - Engine Speed
R - Gear Box Ratio
*C - Shaft Center Distance

D - RPMxd over SPMxR
d - SPMxRxD over RPM
SPM - RPMXD over RxD
R - RPMXD over SPMxD

BELT LENGTH - $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS: $\frac{\text{WATTS}}{\text{VOLTS}}$ = AMPS

746 WATTS equal 1 HP

Log Book

Well No. #13

Farm Davis

Ks. (State) Miami (County)

7 (Section) 18 (Township) 22 (Range)

For M.J.T. Enterprises (Well Owner)

Mike & Julie Taylor

Town Oil Company, Inc.
16205 W. 287th St.
Paola, KS 66071
913-294-2125

Davis Farm: Miami County

Ks State; Well No. #13

Elevation

Commenced Spuding 3-9 20 12

Finished Drilling 3-15 20 12

Driller's Name Scott Kirkland

Driller's Name

Driller's Name

Tool Dresser's Name Cade Shay

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name Town Oil Co.

7 18 22

(Section) (Township) (Range)

Distance from line, ft.

Distance from line, ft.

CASING AND TUBING RECORD

3 hrs core time for 2 men

10" Set 10" Pulled

8" Set 8" Pulled

6¼" Set 20' 6⅝ 3 sks 6¼" Pulled

4" Set 4" Pulled

2" Set 678.65 @ T.P. 2" Pulled

2⅞ 675.65 to the pin

grnd

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
31	60				
31	50				
31	80				
31	20				
31	70				
30	05				
30	95				
31	65				
31	60				
31	70				
31	70				
31	55				
31	20				
31	80				
31	65				
31	80				
31	65				
31	60				
29	40				
29	40				
30	30				
30	55				
681	65				
-3					
678	65	T.P.			
675.	65	to the pin			

Thickness of Strata	Formation	Total Depth	Remarks
18	Soil & Clay	18	
22	Lime	40	
18	Shale	58	
3	Sandy Lime	Col	
1	Sandy Shale	62	
2	Lime	64	
2	Shale	66	
7	Red Bed	73	
33	Shale	106	
14	Lime	120	Drum.
9	Shale	129	
28	Lime	157	Winterset
11	Shale & Slate	168	
23	Lime	191	Bethany Falls
5	Shale & Slate	196	
4	Lime	200	K.C.
3	Shale & Slate	203	
5	Lime	208	Hertha
21	Shale & Slate	229	
2	Sand	231	Laminated, grey, gas odor
6	Sand	237	Solid
2	Sand	239	Laminated
72	Sandy Shale	311	
4	Sand	315	Solid, limey, grey
3	Sand	318	Laminated
24	Sandy Shale	342	
4	Red Bed	346	Stopped at 322'

Thickness of Strata	Formation	Total Depth	Remarks
5	Sandy shale	351	green w/lime strks
5	Lime	356	Sandy, hard
16	Sandy shale	372	green
11	Lime	383	w/fossils
27	Sandy shale	410	w/lime streaks
15	Shale	425	dk gray
1	Coal	426	
25	Shale	451	w/lime streaks
2	Lime	453	Brown
17	Shale	470	
8	Lime	478	
21	Shale	499	
2	Lime	501	Brn
6	Shale	507	
7	Lime	514	oil odor. Started core at 522'
8	Sandy shale	522	no odor or show - solid
9	Sandy shale	531	slight odor & show, laminated
3	Sand	534	OK bleed, solid,
31	Sandy shale	565	very little bleed, laminated, grey
5	Lime	570	
22	Sandy Shale	592	
4	Sand	596	solid slight odor & show
14	Sandy shale	610	
6	Shale	616	w/lime streaks
10	Shale	626	grey
4	Lime	630	
3	Shale	633	dark

633

Thickness of Strata	Formation	Total Depth	Remarks
4	Shale	637	Lt gray
2	Sandy shale	639	
1	Limey sand	640	
12	Sand	652	Solid, brown, slight odor & show
11	Sandy shale	663	
19	Shale	682	Black T.D.

Depth ~~Casing~~ Min Sec time elapsed

Thickness of Strata	Formation	Total Depth	Remarks
522	17 sec	17	
523	44	27	
524	1:12	27	
525	1:41	29	
526	2:08	29	
527	2:39	31	
528	3:10	31	
529	3:41	31	
530	4:11	32	
531	4:44	33	
532	5:22	38	
533	5:52	30	
534	6:25	33	
535	6:57	32	
536	7:28	31	
537	8:04	36	
538	8:40	36	
539	9:23	43	
540	10:03	40	
541	10:33	30	
542			

over for T.D.

CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 36519
LOCATION Ottawa KS
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/15/12		Davis #D13	7	15	22	Mi

CUSTOMER: M J T Enterprises
MAILING ADDRESS: 37411 John Brown Hwy
CITY: Osawatomie | STATE: KS | ZIP CODE: 66064

TRUCK #	DRIVER	TRUCK #	DRIVER
506	FREMAD	Safety	Mtg
495	BARBEC	H/B	
558	RYASIN	KS	

JOB TYPE Long String | HOLE SIZE 5 7/8 | HOLE DEPTH 682' | CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 678.1 | DRILL PIPE Pin in | TUBING @ 675 | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 2½" Plug + 4'
DISPLACEMENT 3.9 BBL | DISPLACEMENT PSI | MIX PSI | RATE 5 BPM

REMARKS: Establish circulation. Mixt Pump 100# Premium Gel Flush Mixt Pump 95 sks 50/50 Por Mix Cement 2% Gel. Cement to Surface. Flush Pump + lines Clean. Displace 2½" Rubber plug to pin in Casing. Pressure to 700* PSI Shut in Casing

Rig supplied H2O
Town Oil Co.

Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE 495		1030.00
5406	20 mi	MILEAGE 495		80.00
5402	678	Casing footage		N/C
5407	Minimum	Ton Miles 558		350.00
1124	95 sks	50/50 Por Mix Cement		1040.25
1118B	260#	Premium Gel		54.60
4402	1	2½" Rubber Plug		28.00
		#3819		
	Paid CK	less 2% Discount	-53.35	
	3/15/12	Total		
Thank You		24855	7.5% SALES TAX	84.77
Ravin 3737			ESTIMATED TOTAL	2667.62

AUTHORIZTION _____ 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