



KANSAS CORPORATION COMMISSION 1105064
OIL & GAS CONSERVATION DIVISION

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:

- ☒ New Well ☐ Re-Entry ☐ Workover
- ☒ 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 ☒ East ☐ West
1185 Feet from ☐ North / ☒ South Line of Section
705 Feet from ☒ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☒ 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 ☒ 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: _____
☒ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution
ALT ☐ I ☒ II ☐ III Approved by: Deanna Garrison Date: 12/28/2012

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. ☐ Commingled (Submit ACO-5) (Submit ACO-4) ☐ Other (Specify) _____		PRODUCTION INTERVAL: _____ _____
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Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals $D^2 \times .14 \times h$

D equals diameter in feet.

h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals $BPH \times PSI \times .0004$

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 - $RPM \times d$ over $SPM \times R$

d - $SPM \times R \times D$ over RPM

SPM - $RPM \times D$ over $R \times d$

R - $RPM \times D$ over $SPM \times d$

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

* Need these to figure belt length

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

746 WATTS equal 1 HP

typed

Log Book

Well No. #13

Farm Davis

Ks Miami
(State) (County)

7 18 22
(Section) (Township) (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 Shry
 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 _____
 6 1/2" Set 20' 6 5/8" 35' 1/2" Pulled _____
 4" Set _____ 4" Pulled _____
 2" Set 678.65 2" Pulled _____

27 1/2 675.65 to the pin
8rd

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	61	
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	Herttha
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 streaks
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	Bm
6	shale	507	
7	Lime	514	oil odor. Started one 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

10
19

Depth Coring 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 Maden**

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/15/12		Davis #213	7	15	22	mi
CUSTOMER			TRUCK#			
M J T Enterprises			DRIVER			
MAILING ADDRESS			TRUCK#			
37411 John Brown Hwy			DRIVER			
CITY			506			
STATE			FREMAD			
ZIP CODE			NARBEC			
Oswatimie			H/B			
KS			558			
66064			RYASIN			
			KS			

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 682' CASING SIZE & WEIGHT 2 7/8 EUE
 CASING DEPTH 678' DRILL PIPE pin in TUBING @ 675 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug 4'
 DISPLACEMENT 3.9 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 48 BPM

REMARKS: Establish circulation. Mix Pump 100# Premium Gel Flush
 Mix Pump 95 sks 50/50 for mix cement 2% gel. Cement
 to surface. Flush pump + lines clean. Displace 2 1/2"
 Rubber plug to pin in casing. Pressure to 700* PSI
 Shut in Casing

Rig supplied H₂O
 Turn off ca.

Fred Maden

ACCOUNT CODE	QUANTITY 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	Ten Miles	55H	350 ⁰⁰
1124	95 sks	50/50 Por Mix Cement		1040 ⁰⁰
115B	260#	Premium Gel		5460
4402	1	2 1/2" Rubber Plug		28 ⁰⁰
		#3819		
		2% Discount	-53.35	
		Total	7.508	
		SALES TAX		8472
		ESTIMATED TOTAL		2667 ⁶²

Ravin 9737

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