



KANSAS CORPORATION COMMISSION 1155141
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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____ Date: _____



1155141

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
-----------------------------------	-----------	---------	-------------	---------------	---------

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Johnson County, KS
 Well: Mackey No. 7
 Lease Owner: D.E. Exploration

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

Commenced Spudding:
 May 22, 2013

WELL LOG

Thickness of Strata	Formation	Total Depth
7	Soil / Clay	7
12	Sandstone	19
9	Shale	28
6	Sand & Sandy Shale	34
2	Lime	36
14	Shale	50
4	Lime	54
9	Sand & Sandy Shale	63
14	Lime	77
10	Shale	87
8	Lime	95
8	Sandy Shale	103
17	Lime	120
5	Shale	125
8	Sandy Shale & Sand	133
22	Lime	155
10	Sandy Shale	165
56	Lime	221
21	Shale	242
8	Lime	250
15	Shale	265
6	Lime & Shale	271
6	Lime	277
4	Shale	281
9	Lime	290
34	Shale	324
1	Lime	325
11	Shale	336
26	Lime	362
7	Shale	369
24	Lime	393
4	Shale	397
4	Lime	401
5	Shale	406
6	Lime	412
5	Shale	417
5	Sand	422
8	Sandy Shale	430
94	Shale	524
9	Sand	533

Johnson County, KS
Well: Mackey No. 7
Lease Owner: D.E. Exploration

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

Commenced Spudding:
May 22, 2013

31	Shale	564
9	Sandy Shale	573
11	Shale	584
5	Lime	589
4	Shale	593
3	Lime	596
7	Shale	603
6	Lime	609
17	Shale	626
3	Lime	629
7	Shale	636
4	Lime	640
4	Shale & Lime	644
2	Lime	646
30	Shale	676
3	Lime	679
7	Shale	686
9	Sand	695
10	Sandy Shale	705
47	Shale	752
5	Broken Sand	757
8	Sandy Shale	765
17	Shale	782
3	Lime	785
7	Shale	792
6	Sand	798
33	Shale	831
5	Sand	836
4	Sandy Shale	840
24	Shale	864
4	Broken Sand	868
10	Shale	878
1	Broken Sand	879
2	Sand	881
2	Sandy Shale	883
25	Shale	908
8	Sand	916
3	Sandy Lime	919
6	Shale	925
35	Sand & Sandy Shale	960 - TD

Short Cuts

TANK CAPACITY

BBLs. (42 gal.) equals $D^2 \times 14xh$

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

Log Book

Well No. 7

Farm Mackey

KS Johnson
(State) (County)

25 14 22
(Section) (Township) (Range)

For DE Exploration
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East
Louisburg, KS 66053
913-710-5400

Dlacke, Farm: Johnson County

KS State; Well No. 7

Elevation 1042

Commenced Spuding 5-22, 2013

Finished Drilling 5-29, 2013

Driller's Name Clad Weaver

Driller's Name _____

Driller's Name _____

Tool Dresser's Name Greg Danny

Tool Dresser's Name _____

Tool Dresser's Name _____

Contractor's Name TOS

22 14 22

(Section) (Township) (Range)

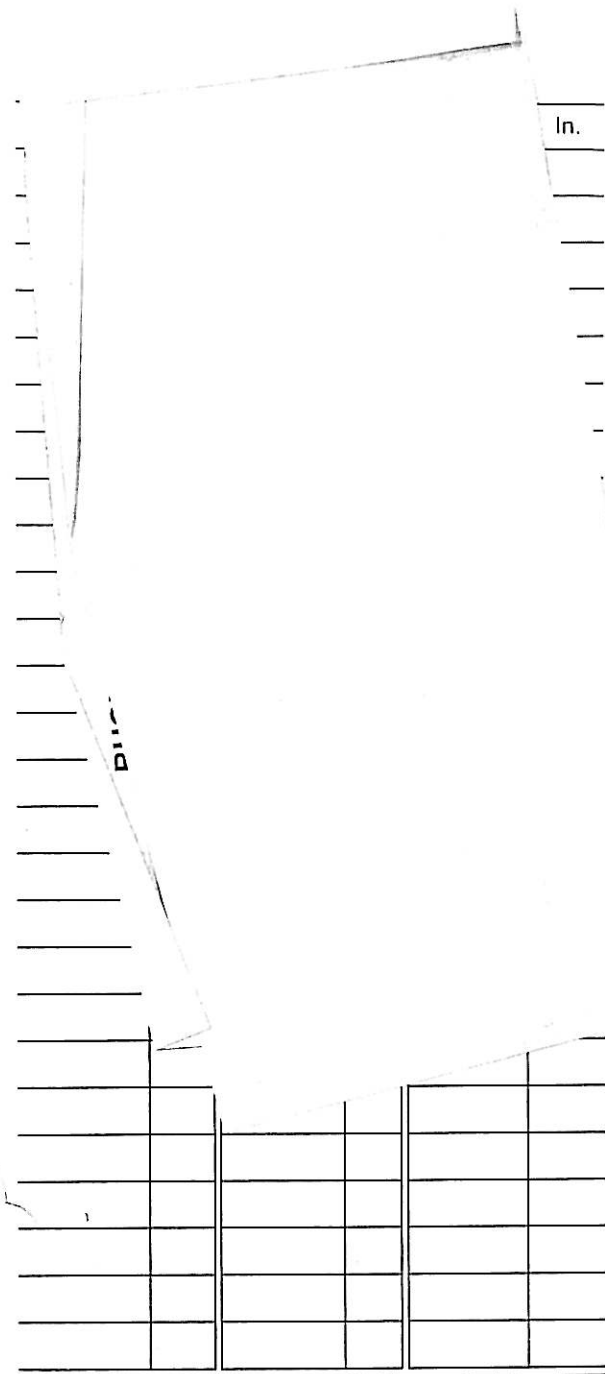
Distance from S line, 3720 ft.

Distance from E line, 600 ft.

4 - sacks
**CASING AND TUBING
 RECORD**

10" Set _____ 10" Pulled _____
 7 7/8" Set 22.7' 8" Pulled _____
 6 1/2" Set _____ 6 1/4" Pulled _____
 4" Set _____ 4" Pulled _____
 2 7/8" Set 925.55 2" Pulled _____

861.55
893.55 sack nipple
 Baffle
 960 TD



Thickness of Strata	Formation	Total Depth	Remarks
7	soil / clay	7	
12	sandstone	19	
9	shale	28	
6	sand & sandy shale	34	
2	Lime	36	
14	shale	50	
4	Lime	54	
9	sand & sandy shale	63	
14	Lime	77	
10	shale	87	
8	Lime	95	
8	sandy shale	103	
17	Lime	120	
5	shale	125	
8	sandy shale & sand	133	
22	Lime	155	
10	sandy shale	165	
56	Lime	221	
21	shale	242	
8	Lime	250	
15	shale	265	
6	Lime & shale	271	
6	Lime	277	
4	shale	281	
9	Lime	290	
34	shale	324	
1	Lime	325	

Thickness of Strata	Formation	Total Depth	Remarks
		325	
11	shale	336	
26	lime	362	
7	shale	369	
24	lime	393	
4	shale	397	
4	lime	401	
5	shale	406	
6	lime	412	Harder
5	shale	417	
5	sand	422	
8	sandy shale	430	
94	shale	524	
9	sand	533	
31	shale	564	
9	sandy shale	573	
11	shale	584	
5	lime	589	
4	shale	593	
3	lime	596	
7	shale	603	
6	lime	609	
17	shale	626	
3	lime	629	
7	shale	636	
4	lime	640	
4	shale + lime	644	
2	lime	646	

646

Thickness of Strata	Formation	Total Depth	Remarks
30	shale	676	red bed - 650'
3	lime	679	
7	shale	686	
9	sand	695	gray, no oil
10	sandy shale	705	
47	shale	752	
5	Broken sand	757	odorous, ok oil sand
8	sandy shale	765	
17	shale	782	
3	lime	785	
7	shale	792	
6	sand	798	gray, no oil
33	shale	831	
5	sand	836	
4	sandy shale	840	
24	shale	864	
4	Broken sand	868	
10	shale	878	
1	Broken sand	879	
2	sand	881	
2	sandy shale	883	
25	shale	908	
8	sand	916	gray, no oil
3	sandy lime	919	
6	shale	925	
35	sand & sandy shale	960	white sand, gray no oil, water



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 259281

Invoice Date: 05/31/2013 Terms: 0/0/30,n/30

Page 1

D.E. EXPLORATION
DOUG EVANS
P.O. BOX 128
WELLSVILLE KS 66092
(785) 883-4057

MACKAY #7
41941
28-14-22
05-29-2013
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	124.00	11.5000	1426.00
1118B	PREMIUM GEL / BENTONITE	308.00	.2200	67.76
1111	SODIUM CHLORIDE (GRANULA	240.00	.3900	93.60
1110A	KOL SEAL (50# BAG)	620.00	.4600	285.20
1401	HE 100 POLYMER	.50	47.2500	23.63
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

Description	Hours	Unit Price	Total
368 CEMENT PUMP	1.00	1085.00	1085.00
368 EQUIPMENT MILEAGE (ONE WAY)	30.00	4.20	126.00
368 CASING FOOTAGE	925.00	.00	.00
370 80 BBL VACUUM TRUCK (CEMENT)	1.50	90.00	135.00
503 MIN. BULK, DELIVERY	1.00	368.00	368.00

Parts: 1925.69 Freight: .00 Tax: 144.91 AR 3784.60
 Labor: .00 Misc: .00 Total: 3784.60
 Sublt: .00 Supplies: .00 Change: .00

Signed _____ Date _____

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650

