



1233302

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Johnson County, KS
 Well: TEA 11-A
 Lease Owner: DE Exploration

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

Commenced Spudding:
 07/14/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
0-12	soil/clay	12
22	shale	34
24	lime	58
7	shale	65
9	lime	74
5	shale	79
19	lime	98
22	shale-redbud	120
2	sand	122
25	lime	147
7	shale	154
13	sandy shale	167
13	shale	180
12	lime	192
20	shale	212
9	lime	221
7	shale	228
11	lime	239
14	shale	253
6	shale and lime	259
6	lime	265
7	shale	272
5	lime	277
32	shale	309
2	lime	311
9	shale	320
9	lime	329
1	shale	330
15	lime	345
7	shale	352
23	lime	375
4	shale	379
5	lime	384
3	shale	387
7	lime	394
26	shale	420
10	sandy shale	430
7	sand and sandy shale	437
8	sandy shale	445
58	shale	503

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

Log Book

Well No. 11-A

Farm TEA

KS Johnson
(State) (County)

1 15 21
(Section) (Township) (Range)

For D.E. Exploration
(Well Owner)

Town Oilfield Services, Inc.

1207 N. 1st East

Louisburg, KS 66053

913-710-5400

Thickness of Strata	Formation	Total Depth	Remarks
0-12	Soil-Clay	12	
22	Shale	34	
24	Lime	58	
7	Shale	65	
9	Lime	74	
5	Shale	79	
19	Lime	98	
22	Shale - Red bed	120	
2	Sand	122	No Oil
25	Lime	147	
7	Shale	154	
13	Sandy Shale	167	
13	Shale	180	
12	Lime	192	
20	Shale	212	
9	Lime	221	
7	Shale	228	
11	Lime	239	
14	Shale	253	
6	Shale & Lime	259	
6	Lime	265	
7	Shale	272	
5	Lime	277	
32	Shale	309	
2	Lime	311	
9	Shale	320	
9	Lime	329	

329

Thickness of Strata	Formation	Total Depth	Remarks
1	Shale	330	
15	Lime	345	
7	Shale	352	
23	Lime	375	
4	Shale	379	
5	Lime	384	
3	Shale	387	
7	Lime	394	
26	Shale	420	Hartha
10	Sandy Shale	430	
7	Sandy Sandy Shale	437	
8	Sandy Shale	445	
58	Shale	503	
2	Sand	507	
2	Sandy Shale	509	
52	Shale	557	
3	Sandy Shale	560	
6	Shale	566	
5	Lime	571	
4	Shale	575	
2	Lime	577	
10	Shale	587	
7	Lime	594	
15	Shale	609	
3	Lime	612	
10	Shale	622	
6	Lime	628	



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
FINV
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 # 269730

Invoice Date: 07/28/2014 Terms: 30/0/10,n/30

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

TEA #11A
47442
NE1-15-21
07/15/2014

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	114.00	11.5000	1311.00
1118B	PREMIUM GEL / BENTONITE	292.00	.2200	64.24
1111	SODIUM CHLORIDE (GRANULA	220.00	.3900	85.80
1110A	KOL SEAL (50# BAG)	570.00	.4600	262.20
4402	2 1/2" RUBBER PLUG	1.00	29.5000	29.50

Sublet Performed	Description	Total
9996-120	CEMENT MATERIAL DISCOUNT	-516.97

Description	Hours	Unit Price	Total
495 CEMENT PUMP	1.00	1085.00	1085.00
495 EQUIPMENT MILEAGE (ONE WAY)	30.00	4.20	126.00
495 CASING FOOTAGE	901.00	.00	.00
548 MIN. BULK DELIVERY	1.00	368.00	368.00
675 80 BBL VACUUM TRUCK (CEMENT)	1.50	100.00	150.00

Amount Due 3611.02 if paid after 08/07/2014

Parts:	1752.74	Freight:	.00	Tax:	91.15	AR	3055.92
Labor:	.00	Misc:	.00	Total:	3055.92		
Sublt:	-516.97	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

