

Kansas Corporation Commission Oil & Gas Conservation Division

1155143

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

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:

Side Two

1155143

Operator Name:			Lease	Name:			Well #:		
Sec Twp	S. R	East West	County	/:					
INSTRUCTIONS: Show time tool open and close recovery, and flow rates ine Logs surveyed. Atta	ed, flowing and shut- if gas to surface tes	in pressures, whether t, along with final char	shut-in pres	sure reach	ed static level,	hydrostatic press	sures, bottom h	ole tempe	erature, fluid
Drill Stem Tests Taken (Attach Additional Sh	eets)	Yes No		Log	Formation	n (Top), Depth an	d Datum	□ s	ample
Samples Sent to Geolog	,	☐ Yes ☐ No		Name			Тор	D	atum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)		Yes No Yes No							
List All E. Logs Run:									
		CASIN Report all strings se	G RECORD	New	Used	on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei	ight	Setting Depth	Type of Cement	# Sacks Used		nd Percent
	Diffied	Set (III O.D.)	LDS.	/ I t.	Берш	Cement	Osed	Ac	luitives
		ADDITION	AL CEMENTI	NG / SQUE	EZE RECORD				
Purpose: —— Perforate —— Protect Casing —— Plug Back TD	Depth Top Bottom	Type of Cement	# Sacks	s Used		Type and F	Percent Additives		
Plug Off Zone									
Shots Per Foot	PERFORATIO Specify Fo	N RECORD - Bridge Plootage of Each Interval P	ugs Set/Type erforated			cture, Shot, Cement nount and Kind of Ma		d	Depth
TUBING RECORD:	Size:	Set At:	Packer A	At:	Liner Run:	Yes No			
Date of First, Resumed Pr	roduction, SWD or ENH	R. Producing Me	ethod:	ng Ga	as Lift	ther (Explain)			
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf	Water	Bk	ols. (Gas-Oil Ratio		Gravity
DISPOSITION	N OF GAS:		METHOD OF				PRODUCTIO	ON INTERV	AL:
Vented Sold	Used on Lease	Open Hole	Perf.	Dually C (Submit AC		nmingled mit ACO-4)			
(If vented, Subm	nit ACO-18.)	Other (Specify)							

Johnson County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Mackey 9 (913) 837-8400 05-17-13 Lease Owner:DE Exploration

WELL LOG

Thickness of Strata	Formation	Total Depth
6	Soil-Clay	6
11	Sandstone	17
4	Shale	21
14	Sand	35
2	Lime	37
18	Shale	55
5	Lime	60
6	Sand and Sandy Shale	66
16	Lime	82
8	Shale	90
8	Lime	98
9	Sandy Shale	107
18	Lime	125
10	Shale	135
6	Sandy Shale	141
20	Lime	161
8	Sandy Shale	169
58	Lime	227
, 20	Shale	247
8	Lime	255
19	Shale	274
8	Lime	282
3	Shale	285
9	Lime	294
34	Shale	328
1	Lime	329
12	Shale	341
25	Lime	366
7	Shale	373
24	Lime	347
5	Shale	402
4	Lime	406
4	Shale	410
7	Lime	417
6	Shale	423
. 6	Sand	429
10	Sandy Shale	439
61	Shale	500
14	Sandy Shale	514
15	Shale	529

Johnson County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Mackey 9 (913) 837-8400 05-17-13 Lease Owner:DE Exploration

6	Sand	535
53	Shale	588
6	Lime	594
13	Shale	607
8	Lime	615
4	Sandy Shale	619
13	Shale	632
3	Lime	635
8	Shale	643
3	Lime	646
7	Shale	653
2	Lime	655
29	Shale	684
7	Lime	691
4	Shale	695
21	Sandy Shale	716
44	Shale	760
5	Broken Sand	765
8	Sandy Shale	773
17	Shale	790
4	Lime	794
11	Shale	805
5	Sandy Lime	810
29	Shale	839
5	Sand	844
' 4	Sandy Shale	848
27	Shale	875
4	Broken Sand	879
7	0 1 0 1	

7	Sandy Shale	886
4	Sand	890
3	Broken Sand	893
6	Sandy Shale	899
3	Broken Sand	902
58	Shale	960-TD

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D2x.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

WATTS = AMPS

TO FIGURE AMPS:

VOLTS

746 WATTS equal 1 HP

Log Book

Well No. 🤼

10.	
5	NOSNIE
	(County)
1,7	2.7
(Township)	(Range)
Expercis	5×
	(Township)

Town Oilfield Services, Inc.

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

Mackey Farm:County	
State; Well NoC\	n -
Elevation_IO14(-
Commenced Spuding 5-77 20 13	· #
Finished Drilling 5 - 20 13	-
Driller's Name alcad Wacov	· =
Driller's Name	, , , , , , , , , , , , , , , , , , ,
Driller's Name	-
Tool Dresser's Name Gree Permy	-
Tool Dresser's Name	-
Tool Dresser's Name	
Contractor's Name 105	<u> </u>
- 52 1,4 55	
(Section) (Township) (Range)	<u>_</u> i
Distance from line,32%Oft.	
Distance from line,ft.	
	- /
4 - Sackes	
CASING AND TUBING	
RECORD	
10" Set 10" Pulled	
78" Set <u> </u>	
6%" Set 6%" Pulled	
4" Set 4" Pulled	
27/8et 93/60 2" Pulled	-1-
872 seed nipple	-11-
96070	

Thickness of Strata	Formation	Total Depth	Remarks
<u>- </u>	-c.1 / c/c 7	(Nemans
))	sandstone	17	
- Y	shale	21	
P1(scent send este	C 35	
2_	Lime	37	
18	shale	55	
5	Lime	60	
	sandy sind what	- له ل	
16	Lime.	87	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	shale	90	
_ જ	1 2mm (e)	<b>५</b> ५	
	sondy should	107	
18	Line	125	
	shale	135	
	sandyshalo	141	-
30	Lime	1601	-
_ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	sudjencile	169.	
54	Lience	227	
50	shale	247	
-8	Line	255	
, 10	shale	274	
8	Lime	タネフ	
3	shale	282	
9	Lime	ゴベイ	
34	shale	<u> </u>	
17	Lime	329	
	5/1c/1c	141	

Thistory		341	
Thickness of Strata	Formation	Total Depth	Remarks
25	Line	366	
7	shale	373	'
24	Line	347	
5	shele	:402	
4	Lime	10C	
<i>Y</i>	shale	OIP	8
	Lime,	717	Hartha
(,	enale	123	
	sand	429	
	early shale	439	The state of the s
501	shale	500	
14	sandyehale	514	
15	shale	529	
_ (	send	535	
-53	shale	588	
	Lime	594	
7.3	shale	_ <u>(3)</u> _	
~~X	Lime	:,\3	
	sandyshale	619	
13	shale	632	
, 3	Lime	<u>(35</u>	
&	shalo	<u> </u>	
3	Lime	6,46	
7	shale	<u> (53</u>	
<u> </u>	Lime	<u> </u>	
29	Shale	C811	red bed-660'
	Limetshale	691	

		691	
Thickness of Strata	Formation	Total Depth	Remarks
	shalo	GC15	
21	sendy shale	716	
_ H F'	chala	760	
5	Broken send	765	odon, 1:44/c ail
<u> </u>	sandy shale	773	
	shorta	790.	
14	Lime	704	
	Shorte	40S	_
5	sandy Lime	810	
24	shale	434	
\$	sund	8114	
<i>L</i> ,	say, shale	848	
_ 27	shale	475	
1.7	Dreken send	४७५	75% send 25% shale
<u> つ</u>	sundahale	886	
14	Sound	490	Broken sand
3	Broken sand	84.7	
	sund y shale	ب درور	
_ 3	Broken sund	007	
_5४	Shale	960	960 TD
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## 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 #

259084

Invoice Date:

05/24/2013

Terms: 0/0/30,n/30

Page

D.E. EXPLORATION DOUG EVANS P.O. BOX 128

66092

41895 28-14-22

MACKEY #9

05-22-2013

WELLSVILLE KS (785)883 - 4057KS 

Part Number 1124 1118B 1111 1110A 1401 4402	Description 50/50 POZ CEMENT MIX PREMIUM GEL / BENTONITE SODIUM CHLORIDE (GRANULA KOL SEAL (50# BAG) HE 100 POLYMER 2 1/2" RUBBER PLUG	Qty 118.00 298.00 248.00 590.00 .50	Unit Price 11.5000 .2200 .3900 .4600 47.2500 29.5000	Total 1357.00 65.56 96.72 271.40 23.63 29.50
Description 369 80 BBL VACUUM 479 MIN. BULK DELI 666 CEMENT PUMP 666 EQUIPMENT MILE 666 CASING FOOTAGE	TRUCK (CEMENT) VERY GAGE (ONE WAY)	Hours 2.00 1.00 1.00 30.00 935.00	Unit Price 90.00 368.00 1085.00 4.20	Total 180.00 368.00 1085.00 126.00

1843.81 Freight: Parts: .00 Tax: 138.74 AR 3741.55

.00 Total: Labor: .00 Misc: 3741.55 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



259084

LOCATION OHAWA KS
FOREMAN Casay Keuns

PO Box 884, Chanute, KS 66720

### FIELD TICKET & TREATMENT REPORT

620-431-9210	or 800-467-8676			CEMEN	T				
DATE	CUSTOMER#	WELL	L NAME & NUME	BER	SE	CTION	TOWNSHIP	RANGE	COUNTY
5/22/13	2355	Macke	y # 9		NE	58	14	ಶಿಶಿ	ンの
CUSTOMER  DE Exploration  TRUCK# DRIVER								TRUCK#	DRIVER
MAILING ADDRE		48		Casken	THOUR #	BRIVER			
							GarMoo		-
CITY	ZIP CODE	1	47	9	COLNOB				
Welsoil	le	KS	66092		36		Der Mas		participal.
JOB TYPE longtring HOLE SIZE 578" HOLE DEPTH 960' CASING SIZE & WEIGHT 278"									
CASING DEPTH 935 DRILL PIPE TUBING 544 6 - 903' OTHER									
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 32									
DISPLACEMENT 5.23 LLS DISPLACEMENT PSI MIX PSI RATE 4.5 900									
REMARKS: held set of meeting established circulation mixed + pumped /2 gal Polymor									
and 100 # Premium Gool followed by 10 bbls from water mixed tourped									
118 \$5 50/50 Pozuix rement w/ 27e del, 5% salt, + 5# Kolseal per sk									
correct to surface flushed pump clean, pumped 21/2" rubber plug to baffle									
w/ 5.23 bbs fresh water, pressured to 600 PSI, released pressure, shut									
in casing.									
							1) 1	<del>()</del>	
						707.6	L +	7	
							-(-)J	/_	
ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION of	SERVIC	CES or PR	ODUCT	UNIT PRICE	TOTAL
5401	PUMP CHARGE								1085,00
C406	30	30 mi MILEAGE							126.00
5402	935'		casing	footage					
5407	minin	NUM	1	leage					368.00
SSORC	2 hr	-s	80 Va	د	- Paris de la compansión de la compansió				180,00
				30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
(124	118 8	ts	5950 Po	Emix C	eme	ut			1357.00
11188	a 896	<u>#</u>	Premie	un Gel		44			65.56
((1)	248	#	Salt						65.56 96.72 271,40
11104	590 .	#	Kolsea						271,40
1401	1/2 5		GOO 7	bly mer					23.63
4402			2/2"	156ber	ودام				29.50
						2 	*	* 14	
		44				- 2		0.00	malatar
								and the same of	
									170
Pavin 3737			L				7.5.25%	SALES TAX ESTIMATED	138.74
		,						TOTAL	3741.55
AUTHORIZTION No Co. Rep. on Coastion 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.