

Kansas Corporation Commission Oil & Gas Conservation Division

1148773

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 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	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.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	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:
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or 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 I II Approved by: Date:

Side Two



Operator Name:			Lease Name	:		_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations per t-in pressures, whether s st, along with final chart(well site report.	shut-in pressure r	eached static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes No			n (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes No	N:	ame		Тор	Datum
Cores Taken Electric Log Run Electric Log Submittee (If no, Submit Copy		Yes No Yes No Yes No					
List All E. Logs Run:							
		CASING Report all strings set-	RECORD Conductor, surface.	New Used	ion. 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
	Dillied	Get (III G.D.)	LDS.71t.	Берин	Cement	Oseu	Additives
Purpose:	Depth		CEMENTING / SQUEEZE RECORD				
Perforate	Top Bottom	Type of Cement	# Sacks Used	ed Type and Percent Additives			
Protect Casing Plug Back TD							
Plug Off Zone							
	PERFORATI	ON RECORD - Bridge Plug	ns Set/Type	Acid. Fra	cture, Shot, Cement	Squeeze Record	1
Shots Per Foot		Footage of Each Interval Per			mount and Kind of Ma		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Met	hod: Pumping	Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf V	Vater B	bls. (Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:		METHOD OF COM	PLETION:		PRODUCTIO	ON INTERVAL:
Vented Sold		Open Hole	Perf. Du	ally Comp. Cor	mmingled		
(If vented, Sul	bmit ACO-18.)	Other (Specify)	(Subi	mit ACO-5) (Sub	mit ACO-4)		

Johnson County, KS Town Oilfield Service, Inc.
Well: Mackey I-3 (913) 837-8400 Commenced Spudding: 6/6/2013
Lease Owner: DE Exploration

WELL LOG

Thickness of Strata	Formation	Total Depth
5	Soil-Clay	5
12	Sandstone	17
20	Sandy Shale	37
2	Lime	39
14	Shale	53
7	Lime	60
4	Shale	64
16	Lime	80
9	Shale	89
8	Lime	97
9	Sandy Shale	106
15	Lime	121
10	Shale	131
10	Sand and Sandy Shale	141
17	Lime	158
9	Sand and Sandy Shale	167
57	Lime	224
20	Shale	244
· 11	Lime	255
13	Sandy Shale	268
11	Lime	279
5	Shale	284
8	Lime	292
34	Shale	326
1	Lime	327
12	Shale	339
25	Lime	364
6	Shale	370
23	Lime	393
4	Shale	397
4	Lime	401
5	Shale	406
7	Lime	413
5	Shale	418
8	Sand	426
8	Sandy Shale	434
153	Shale	587
5	Lime	592
2	Shale	594
2	Lime	596

Johnson County, KS Town Oilfield Service, Inc.
Well: Mackey I-3 (913) 837-8400 Commenced Spudding:
Lease Owner: DE Exploration

7	Shale	603
8	Lime	611
5	Sandy Shale	616
10	Shale	626
4	Lime	630
6	Shale	636
4	Lime	640
4	Shale	644
2	Lime	646
31	Shale	677
10	Lime	687
13	Sand	700
8	Sandy Shale	708
42	Shale	750
5	Broken Sand	755
5	Sandy Shale	760
30	Shale	790
5	Sand	795
30	Shale	825
5	Sand	830
4	Sandy Shale	834
34	Shale	868
4	Sandy Lime	872
5	Sand	877
2	Broken Sand	879
' 10	Sandy Shale	889
71	Shale	960-TD
	Chais	300-12

1		

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

TO FIGURE AMPS:

WATTS = AMPS

746 WATTS equal 1 HP

Log Book

Well No. 1-3

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)
)

Town Oilfield Services, Inc.

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

Marchey Farm: Johnson County		10:19
State; Well No \- 3	_	
Elevation_IOH \		
Commenced Spuding 6-6 20 13		k
Finished Drilling	->_	£ - #-
Driller's Name Chad Vecur		-
Driller's Name	- Carlotte	,-
Driller's Name	— ************************************	1-
Tool Dresser's Name Cover Parmy	-	
Tool Dresser's Name		in the second se
Tool Dresser's Name	Market Comments	4,44
Contractor's Name		<u> </u>
28 14 22		
(Section) (Township) (Range)		
Distance from _ S line, _ 3Ct-10 ft.		Chi)
Distance from Figure 11 line, 450 ft.		- 1
		1
	_	.4.
	_	100
4-sacks		į
CASING AND TUBING		
RECORD		16,3
, RECORD		
10" Set 10" Pulled		
8" Set 8" Pulled		
6¼" Set 6¼" Pulled		
4" Set 4" Pulled		
27/Set <u>C44.90</u> 2" Pulled	4	
वाउन प्रवर्धन	-1-	
96070		

Thickness of	v. c , ! 'yeg	Total	1
Strata	Formation	Depth	Remarks
_5	=0il/dla.	ă	
12	sendstone	:7	
	=cod shale+sand	37	
	Line	39	,
7,7	shale	53	-
	Lime	60	
	Shale	614	
)6	Lime	40	
_ 9	Shale	89	-
	Lime	97	
<u> </u>	sendyshalo	106	with some said
15	Lime	121	SCINC SCINC
	cheste	131	
10	sands early start	3 14 (
	Lime	158	
_9	send scandy shale	167	
57	Line	224	
20	chale	2.14	
	Lime	355	
	early should	268	
	Lime	279	
5	sharla	284	
<u> </u>	Lime	2013:	
-12	sharka.	326	
	Lime	277	
12	shede	: 5G	
25	lime	767	
	-2-		

		364	
Thickness of Strata	Formation	Total Depth	Remarks
	shele	370	
23	Lime	EPE	5
7	shale	397	
	Lime	104	
5	shala	406	
	Lime	113	Handha,
5	shale	418	How the
	as and	426	
	sudjehole	434	- dravino oy
153	shala.	547	
5	Lime	592	
2	Shaia	594	
2	Lime	596	
. J	shale	603	
8	Line	<u> </u>	
5,1	and shale	رم) <u>(</u>	
10	chalo	626	
14	Lime	630	
<u></u> (6	encila.	636	
14	Lime	640	
1,	shoule	L44	
	Line	6146	
31	shoule	677	C50-ned bed
00	Limed shale	687	THE WEEK
13	sand	700	4100
8	sadyshale	708	The state of the s
45	shorte	750	
	-4-		

		750	
Thickness of Strata	Formation	Total Depth	Remarks
	Broken sund	755	adon, very 1, the oil
5_	sand rehale	760	,
30	shale	790	
5	sand	795	ency, no oil
30	shale	& 28	-
5	sind	830	500,1100il
<u> </u>	and shale	8314	
7.0	shale	868	
4	sendy Lime	272	oday 7:44e oil
5	sand	877	oil sand, early bleading
2	Broken send	874	in strain
10	sundysincle	889	
71	shale	960	dt.
,			
		1	
		1	
	0		

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 #

259432

_______ Invoice Date:

06/10/2013

Terms: 0/0/30, n/30

Page

D.E. EXPLORATION

DOUG EVANS

P.O. BOX 128

WELLSVILLE KS 66092

(785)883 - 4057

MACKEY I-3

41921

28-14-22

06-07-2013

KS

					========
Part 1 1124 1118B 1111 1110A 1401 4402	Number	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 115.00 293.00 242.00 575.00 .50 1.00	.3900	Total 1322.50 64.46 94.38 264.50 23.63 29.50
666 666	Description 80 BBL VACUUM MIN. BULK DELIV CEMENT PUMP EQUIPMENT MILES CASING FOOTAGE	VERY	Hours 2.00 1.00 1.00 30.00 945.00	Unit Price 90.00 368.00 1085.00 4.20 .00	Total 180.00 368.00

_______ 1798.97 Freight: Parts: .00 Tax: 135.37 AR 3693.34

Labor: .00 Misc:

.00 Total:

.00 Supplies:

3693.34

.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



259432

LOCATION SHALLS KS
FOREMAN Casa, Kenned

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

FIELD TICKET & TREATMENT REPORT CEMENT

DATE (a) 7/13 CUSTOMER	OLIGEOMED #						
	CUSTOMER#	WEI	L NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
ICHSTOMED	2955	Mack	en # [-3	NE 28	14	22	Jo
DE E	Exploration	-	′	TRUCK#	DRIVER	751.534 (see 46-	
MAILING ADDRE	ESS	`		481	Casko	TRUCK #	DRIVER
PO Bo				lele6			
CITY	15 100 IS	STATE	ZIP CODE	Cla	Garlos	 	-
Wellso	1/10	Ks	66092	370	Set Tuc		
JOB TYPE		HOLE SIZE		DEPTH 9(00'	CASING SIZE & V	1 07.	015=
CASING DEPTH		DRILL PIPE		dottle-913'	CASING SIZE & V	OTHER	K CUE
SLURRY WEIGH		SLURRY VOL		R gal/sk	CEMENT LEFT In		•
	15,28 bbls 1	DISPLACEMEN	NT PSI MIX PS	6I	RATE 4.56	on	
REMARKS: Le		A	established cir	culation unix	ed tours		Polymar
+ 100 #	1 -	Get	Collowed by	10 66/s frost	water "	-	vused
115 545		mix ce		10 gel 5%	salt + 5	# Kelsag	A 7/ /
	to surface	11.	d owns clear	n overped à		der to be	Alla 11
5.28 bbls	())		sured to for	FSI, release	1	duta	mail.
	1	7 / /		1017.000		C SADI IN	<u> </u>
						1/	
						1 16	/
**		-				- 	7
						-	
ACCOUNT CODE	QUANITY o	r UNITS	DESCRIPT	ION of SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
5401	1		PUMP CHARGE				1085,00
5406	30 m		MILEAGE				126.00
5402	945'		casing foot	ace			
5407	min imu	JIM	ton mileage				368.00
5502 C	2 lurs		80 Vac				180.00
33 L/M L-							
J300 C							/80_
J300 C							780_
1/24	115 \$	S		x coment			1335.20
1124	115 st 293 ±	<u>s</u> ‡	950 Pozum Frenzan Gol	× coment			1335.20
1124	543 4 543 7 7/2 3F	<u>s</u> ‡	5950 Pozum	× coment			1322.50
1111 118B 119A			5950 Pozum	x coment			1322.50 64.46 94,38
1124	242 4		Frenchen Gel Selt Kolseal	× coment			1322.50 64.46 94.38 264.50
1/24 1118 1111 1110A 1401	242 4		Polseal Polymer	× coment			1322.50 64.46 94.38 264.50 23.63
1124	242 4		Frenchen Gel Selt Kolseal	x coment			1322.50 64.46 94.38 264.50
1/24 1118 1111 1110A 1401	242 4		Polseal Polymer	x coment			27.50 64.46 94.38 264.50 33.63
1/24 1118 1111 1110A 1401	242 4		Polseal Polymer	× coment			1322.50 64.46 94.38 264.50 23.63
1/24 1118 1111 1110A 1401	242 4		Polseal Polymer	x coment			27.50 64.46 94.38 264.50 33.63
1/24 1118 1111 1110A 1401	242 4		Polseal Polymer	× coment			27.50 64.46 94.38 264.50 33.63
1/24 1118 1111 1110A 1401	242 4		Polseal Polymer	× coment	4.5262	SALES TAX	1322.50 64.46 94.38 264.50 23.63 29.50
1/24 1118 1111 1110A 1401	242 4		Premium Gel Selt Kolseal Polymer D'a "rubber pla	× coment	7.525%	SALES TAX ESTIMATED	1322.50 64.46 94.38 264.50 23.63 27.50
1/24 1118 1111 1110A 1401 4402	242 4		Premium Gel Selt Kolseal Polymer D'a "rubber pla	x coment	7.525%		1322.50 64.46 94.38 264.50 23.63 29.50

account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.