

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1155141

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:		Sec	TwpS. R 🗌 East 🗌 West
Address 2:		Fe	eet from North / South Line of Section
City: State: Zip:	+	Fe	eet from East / West Line of Section
Contact Person:		Footages Calculated from I	Nearest Outside Section Corner:
Phone: ()			
CONTRACTOR: License #			
Name:			Well #:
Wellsite Geologist:			vven #
-			
Purchaser:			
Designate Type of Completion:	-		Kelly Bushing:
New Well Re-Entry	Workover	Total Depth: Plu	ug Back Total Depth:
Oil WSW SWD	SIOW	Amount of Surface Pipe Se	et and Cemented at: Feet
Gas D&A ENHR	SIGW	Multiple Stage Cementing	Collar Used? 🗌 Yes 🗌 No
☐ OG ☐ GSW	Temp. Abd.	If yes, show depth set:	Feet
CM (Coal Bed Methane)		If Alternate II completion, c	ement circulated from:
Cathodic Other (Core, Expl., etc.):		feet depth to:	w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:			
Operator:		Drilling Fluid Managemer	at Blan
Well Name:		(Data must be collected from th	
Original Comp. Date: Original Tota	al Depth:	Oblarida contenti	ppm Fluid volume: bbls
Deepening Re-perf. Conv. to E	NHR Conv. to SWD		
Conv. to G	SW	Dewatering method used: _	
Plug Back: Plug I Plug	Back Total Depth	Location of fluid disposal if	hauled offsite:
Commingled Permit #:		Operator Name	
Dual Completion Permit #:			License #:
SWD Permit #:			
ENHR Permit #:			TwpS. R East West
GSW Permit #:		County:	Permit #:
	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 II III Approved by: Date:						

	Side Two	1155141
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 (Attach Additional She	eets)	Yes No	L	-	n (Top), Depth an	d Datum Top	Datum
Samples Sent to Geolog	gical Survey	Yes No	Nam	C		юр	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	<pre> Yes □ No Yes □ No Yes □ No</pre>					
List All E. Logs Run:							
		CASING		ew Used			
		Report all strings set-	conductor, surface, inte	ermediate, producti	on, 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: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify For		RD - Bridge P Each Interval I		e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	:e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	Producti	on, SWD or ENHF	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF G	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Johnson County, KSTown Oilfield Service, Inc.Commenced Spudding:Well: Mackey No. 7(913) 837-8400May 22, 2013Lease Owner: D.E. ExplorationMay 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 **Town Oilfield Service, Inc.** Well: Mackey No. 7 (913) 837-8400 Lease Owner: D.E. Exploration

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

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. 7		
Farm N. a.c	ike y	
<u> </u>		Jawcon (County)
 (Section)	ا'~ر (Township)	ر (Range)
For DE (



Town Oilfield Services, Inc. 1207 N. 1st East Louisburg, KS 66053

913-710-5400

Decker Farm: Johnson County State; Well No. 7 ln. Elevation 1042 Commenced Spuding 5-22 2013 Finished Drilling 5-24, 20.13 Driller's Name Church Wacour Driller's Name Driller's Name Tool Dresser's Name Ques Daving. Tool Dresser's Name Tool Dresser's Name Contractor's Name TOS 22 1.4 22 (Township) (Range) (Section) $\langle i$ <u>م</u>/ -<u>5 line, 3720 ft.</u> Distance from ____ <u>E</u> line, <u>600</u> ft. Distance from _ 11 - sacks CASING AND TUBING RECORD , _____ 10" Pulled _ 10" Set _ 1 71 7,8" Set 22. 8" Pulled _ 6¼" Set _____ 6¼" Pulled _ _____ 4" Pulled _ 4" Set 27/Set 925 SG JOS D Mipple -1-561 96070

Brooke 5-24-13 1:14 pm

P.73-0 - 75

Thickness of		Total	
Strata	Formation	Depth	Remarks
<u> </u>	soil / clay	7	
12	schelstone	19	
9	shule	34	-
	send sand deck	234	
	Lime	36	_
)'4	shale	50	_
μ	Lime	54	
9	sund & send yeller	= 63	
14	Lime	717	
10	shale	<u> </u>	
&	Lime	015	
×	sendashale	103	
רי_	Lime	120	
- 5	shale	125	
- 5	sendysheldteen	6133	
75	Lime	155	
10	sendreticate	165	-
56	Lime	221	-
21	shale	シイン	_
	Lime	250	
. 15	shale	265	-
6	Limet shalo	271	
	Lime	277	
- 4	shale	281	
9	Lime	2910	
34	shale	324	
1	Lime	325	
	-2-		-3-

....

		325	
Thickness of Strata	Formation	Total Depth	Remarks
-))	shale	336	
26	Lime	362	4
<u> </u>	Shale	369	
24	Lime	343	
- 14	shale	397	
Ľ	Lime	401	
5	shale	406	
لم	Line	412	Hantha
5	shale	417	
51	sund	422	
\$	sendy shale	1430	3
94	shale	524	
9	send	533	
31	shalle	564	
9	sundyshale	543	
))	encile	584	
- 5	Lime	584	
.Ч	shale	593	
3	Lime	596	
ר	shale	603	
<u>, </u>	Lime	609	
רו	shale	626	
3	Lione	629	
	shale	<u>csi</u>	
4	Lime	640	
4	shale + Lime	CHY	-
2	-4-	646	

Thickness of Strata	Formation	Total Depth	Remarks
30	shelle	676	red bed - 650
in	Lime	679	
7	shale	686	
٩	sund	695	aver, no oil
10	send visincile	705	
47	shale	752	
5	Broken send	רבר	oden, ok oil rand
*	sendychala	765	-
	enale	782	
3	Lime	785	
7	shale	792	
ت	send	798	sray, no oil
33	shale	831	
5	sind	836	
٦ų́	sundychale	5-10	
2:4	shelle	864	
4	Broken sund	868	
10	shale	878	
>	Broken sund	४२५	
5	sund	881	
. 2	and , shale	443	
25	sherle	408	
S	sund	916	svey, no oil
3	curdy Lime	919	
6	shale	425	а
35	bole three + brue	940	white send, ever no ci) we
	-6-		

	Oil Well Servio	and the second second second	REMIT Consolidated Oil We Dept. 9 P.O. Box Houston, TX 7	II Services, LLC 70 4346	Chanı 620/431-9210 • 1-	IAIN OFFICE P.O. Box 884 ute, KS 66720 800/467-8676 620/431-0012
INVOIC	CE 				Invoice #	259281
Invoic	e Date: 05/31,	/2013	Terms: 0/0/30,n/3	30	P	age 1
D P W	D.E. EXPLORATION DOUG EVANS P.O. BOX 128 MELLSVILLE KS 6 (785)883-4057	N 56092		MACKEY #7 41941 28-14-22 05-29-2013 KS		
Part N 1124 1118B 1111 1110A 1401 4402	Jumber	PREMIUM SODIUM (KOL SEA) HE 100	OZ CEMENT MIX GEL / BENTONITE CHLORIDE (GRANULA L (50# BAG)	124.00 308.00	Unit Price 11.5000 .2200 .3900 .4600 47.2500 29.5000	Total 1426.00 67.76 93.60 285.20 23.63 29.50
368 368 368 370	Description CEMENT PUMP EQUIPMENT MILEA CASING FOOTAGE 80 BBL VACUUM T MIN. BULK,DELIV	RUCK (CI		Hours 1.00 30.00 925.00 1.50 1.00	Unit Price 1085.00 4.20 .00 90.00 368.00	Total 1085.00 126.00 .00 135.00 368.00

Parts: 19	925.69	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
 EL DORADO, KS
 EUREKA, KS
 PONCA CITY, OK
 OAKLEY, KS
 OTTAWA, KS
 THAYER, KS
 GILLETTE, WY
 CUSHING, OK

 918/338-0808
 316/322-7022
 620/583-7664
 580/762-2303
 785/672-8822
 785/242-4044
 620/839-5269
 307/686-4914
 918/225-2650





TICKET NUMBER	41941
LOCATION Otto	iner
FOREMAN Ala	1 Made

FIELD TICKET & TREATMENT REPORT

PO Box 884, Chanute, KS 66720

520-431-9210 or				CEMEN				
DATE C	CUSTOMER #	WELL	AME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
5-29-13	2355	Macke	Y #.	7	NE 28	14	22	Va
DE F	Erdora	tion	1	1	TRUCK #		TRUCK #	DRIVER
MAILING ADDRESS	s pilling			-	516	AlaMat		BRIVER
OD B.	- 12B				368	And McD		
			IP CODE	1 _	370	16 p° (Dea		
12010011		165 1	60092	1	503	Day Det	-	
JOB TYPE 01	g Strine		55/8		01-	CASING SIZE & W	EIGHT 2	P
CASING DEPTH		DRILL PIPE						73 bats
SLURRY WEIGHT_		SLURRY VOL		WATER gal/s	sk	CEMENT LEFT in	CASING 1/2	is i
DISPLACEMENT_			PSI BOD		200	RATE 46	an	
REMARKS: Hel	8 Meet	ting, ES.	tallisi	hed ri	ate do	un cas	ing M	ized
E of OV	maple	12 96	1 pol	mer	to ca	a dition	hole	
Mixed	and	DUMDA	e l'	100#	gel fo	place ad	by 12	14 52
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TD.	5, Ch	igd_				A Pm A	le	
					/	XXMVP		
ACCOUNT	QUANITY	or UNITS	DI	ESCRIPTION o	of SERVICES or PF	RODUCT	UNIT PRICE	TOTAL
TYO/	1		PUMP CHAR	GE		368	-	1085=
5426	3		MILEAGE			368		1262
5407	9	25	Casi	ns fo	stasy	368		·
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Ravin 3737							ESTIMATED	3784 60
	Bhe -	1 2ml	4				TOTAL	0101
AUTHORIZTION_	Jun		<u> </u>	TITLE			DATE	

AUTHORIZTION_

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.