

Kansas Corporation Commission Oil & Gas Conservation Division

1149127

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: 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 □ SHOW □ 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: Well Name: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) 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:
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 III 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 pen t-in pressures, whether s st, along with final chart(well site report.	hut-in pressure rea	ched static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No		og Formatio	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-o		ermediate, producti	<u> </u>		
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 / SQL	 JEEZE RECORD			
Purpose: Depth Type of Cement — Perforate Protect Casing		# Sacks Used		Type and F	Percent Additives		
Plug Back TD Plug Off Zone							
	DEDEODATI	ON DECORD - Deider Blue	- O-4/T	Acid Fro	cture, Shot, Cemen	t Causana Dagar	
Shots Per Foot	Specify I	ON RECORD - Bridge Plug Footage of Each Interval Per	forated		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 Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	er B	bls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf. Dually	Comp. Cor	nmingled		
(If vented, Su	bmit ACO-18.)	Other (Specify)	(Submit)	4CO-5) (Sub	mit ACO-4)		_

Johnson County, KS **Town Oilfield Service, Inc.**Well: Mackey I-5 (913) 837-8400 Commenced Spudding: 5-16-13
Lease Owner:DE Exploration

WELL LOG

Thickness of Strata	Formation	Total Depth
7	oil/clay	7
9	sandstone	16
6	shale	22
16	sand and sandyshale	38
19	shale	57
6	lime	63
7	sand and sandyshale	70
15	lime	85
9	shale	94
8	lime	102
9	sandy shale	111
17	lime	128
20	shale	148
17	lime	165
9	sandy shale	174
57	lime	231
21	shale	252
6	lime	258
' 21	sandy shale	279
9	lime	287
6	shale	293
8	lime	301
33	shale	334
1	lime	335
12	shale	347
24	lime	371
8	shale	379
24	lime	403
4	shale	407
5	lime	412
4	shale	416
8	lime	424
5	shale	429
8	sand	437
8	sandy shale	445
98	shale	534
8	sand	542
55	shale	597
5	lime	602
3	shale	605

Johnson County, KS Town Oilfield Service, Inc. Well: Mackey I-5 (913) 837-8400 5-16-13 Lease Owner:DE Exploration

3	lime	608	
7	shale	615	
5	lime	620	
5	sand	625	
13	shale	638	
3	lime	641	
8	shale	649	
3	lime	652	
5	sand	657	
3	lime	660	
33	shale	693	
2	lime	695	
8	shale	703	
7	sand	710	
7	sandy shale	717	
50	shale	767	
5	broken sand	772	
6	sandy shale	778	
19	shale	797	
2	lime	799	
11	shale	810	
5	sand	815	
35	shale	850	
5	sand 855		
5	sandy shale 860		
, 22	shale	882	
3	broken sand	885	
7	shale 892		
6	broken sand	898	

6	broken sand	898
4	sandy shale	902
26	shale	928
8	sand	936
24	shale	960

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:

746 WATTS equal 1 HP

Log Book

Well No. 1~5	5	
Farm Mexc	le y	
		SUBON
(State)		(County)
2 <i>\</i>	ار (Township)	2.5
(Section)	(Township)	(Range)
For DE	(Well Owner)	1001
	(weil Owner)	

Town Oilfield Services, Inc.

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

Mackey Farm: Johnson County		C. James
State; Well No. 175		
		ln.
Commenced Spuding 5-11, 2013		, A
Finished Drilling 5-17 20 13		
Driller's Name and Wacour	Control of the Contro	
Driller's Name		
Driller's Name		
Tool Dresser's Name Gree Danny		
Tool Dresser's Name	*	
Tool Dresser's Name		
Contractor's Name 705		
28 14 22		<u> </u>
(Section) (Township) (Range)		
Distance from line, 'SOGOft.		_
Distance from E line, 3400 ft.		
	-	
	_ ~~	-
	-	
	_	
عہ صدیدہ CASING AND TUBING	_	
, RECORD		
, neodib		
40%		
10" Set 10" Pulled 78" Set\S\\S\\S\\S\\S\\S\\S\\S\\S\\S\\S\\S\\S		
6¼" Set 6¼" Pulled		
4" Set 4" Pulled		
27/ ₅ Set 940 ^{CS} 2" Pulled	-1.	_
960 TD	-1	
V60 115		

_	

Thickness of		Total	
Strata	Formation	Depth	Remarks
<u> </u>	soll clay		
9	sundstone	16	
	shale	22	
<u> </u>	sond+sundydche	38	-
19	shale	37	_
<u>(</u>	Line	63	_
	sand readystical	070	
15	Line	35	
Q	· shale	94	_
4	Lime	102	_
9	sand, exale)))	
~17	Line	128	
50	shale	1.18	
17	smil	165	
9	sendyshale	174	
57	Line	231	
51	shale	252	
<u> </u>	Time	258	
21	sundy shale	279	
9	Lime	287	
, 6	shorle	293	
	Linge	301	
-33	shale	334	
)	Lime	375	
7.7	Shale	3147	
57.4	Lime	37 L	
<u>~</u>	shale	379	

		379	_
Thickness of Strata	Formation	Total Depth	Remarks
3.4	rine	1703	
7,	shale	TOF	
Č.	rime	7115	
14	sucile	416	
<u>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u>	Lime	424	- Harth
5	shale	1439	
్ద	scud	437	- was . no oi
~	sandyshale	445	
98	encila	534	
- %	send	542	(124, NO O.)
.55	=lane:	EAT	- Gray 1416 61 1
5	Lime	602	
3	shoule	605	
3	Lime	608	
_ 7	shale	615	
5	rime	620	
5	sand	625	when a most while
)3	she'le	638	
2.	Lowe	641	
્યુ	shale	6,49	
, 3	Livies	C52	
5	enale	457	
3	Liwie	660	
3.5	shale	<u> </u>	bod bon 200
2	Lime	<u> </u>	And the difference of the control of
<u> </u>	shale	703	
Γ'	sand	710	ener no oi
	-4-		

		7(O Total	
Thickness of Strata	Formation	l otal Depth	Remarks
7	sind, shak	717	
50	chala	767	
5	Broken sand	772	do-, 1.44/2 0.1
۷	ecolychale	778	
191	shale	797	
2	Lime	799	
-)	shale	810	
5	send	815	
35	shale	450	
0.0	sund	%SS	concern no as
5	sudjehale	8 CO	
22	shale	ネヘブ	
3	Broken sand	885	75% sund - 25% dela
7	shale	397	
	Brokensind	જવજ	
H	scale chase	200	
26	shale	928	
<u> </u>	send	936	•
24	shale	960	CIT.
,			

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 # 258942

05/20/2013 Invoice Date: Terms: 0/0/30, n/30Page 1

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

MACKEY I-5 41854 28-14-22 05-17-2013 KS

Part Number Description Qty Unit Price Total 1124 50/50 POZ CEMENT MIX 109.00 11.5000 1253.50 1118B PREMIUM GEL / BENTONITE 283.00 .2200 62.26 1111 SODIUM CHLORIDE (GRANULA 229.00 .3900 89.31 1110A KOL SEAL (50# BAG) 545.00 .4600 250.70 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 369 80 BBL VACUUM TRUCK (CEMENT) 2.00 90.00 180.00 510 MIN. BULK DELIVERY 1.00 368.00 368.00 666 CEMENT PUMP 1085.00 1.00 1085.00

1708.90 Freight: Parts:

Labor:

.00 Tax:

128.61 AR

3596.51

.00 Misc:

EQUIPMENT MILEAGE (ONE WAY)

CASING FOOTAGE

.00 Total:

3596.51

126.00

.00

Sublt:

666

666

.00 Supplies:

30.00

940.00

.00 Change:

.00

Signed

Date

CUSHING, OK

4.20

.00



258942

LOCATION Offices Kennedy

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

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WEL	L NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
5/17/13	2355	Macke	N # I-5		NE 28	14	22	70
CUSTOMER DE 1	Exploration	3			HE CHANNELLINE			
MAILING ADDRE		^		-	TRUCK#	DRIVER	TRUCK #	DRIVER
ľ	6×128			-	481	Caskon		
CITY		STATE	ZIP CODE	-	666	Garmon		
Wells	rile	KS	66092	-	510 369	Der Mas	-	
JOB TYPE 10.		HOLE SIZE	1	LE DÉPTH	_			1/2 11 = 1
CASING DEPTH		DRILL PIPE			He - 907	CASING SIZE & \	VEIGHT_ <u>& 7</u> OTHER_	18 FUE
SLURRY WEIGH		SLURRY VOL_		TER gal/sk		CEMENT LEFT in		•
DISPLACEMENT	5.25 Hds	DISPLACEMEN		(PSI		RATE 4.56	Pam	
REMARKS: Le	ld safely a	acting.	established	Citala	A	ixed tou		/
Polymer	, mixed+		100 # Pres			wed by	1	rosh water
mixed +	- prused	'	rs 5950 PG	ZIMY	cement	w/ 20%	rel 5%	salt t
5# Kels	real per.	sk ceu	rent to ev	rface	flushed	pump cte		4 1 1
rubber pi	un to bate	Ge w/	5.25 66	tresh		presured		PSI.
relessed p	ressure,		casing,			F	-	<u> </u>
							7	
**						1.15		
·								
ACCOUNT CODE	QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT					DUCT	UNIT PRICE	TOTAL
5401	1		PUMP CHARGE					1085.00
5406	30 mi		MILEAGE					126.00
5402	9401		casing tootage					
5407	minin	um	ton mile					368,00
5502C	2 4	rs	80 Vac					180,00
							, , , , , , , , , , , , , , , , , , , ,	780.
1124	109 st	\$	30/50 Pos	mix a	convert			1253,50
111813	283 £	F	Premium	Gel				62.26
1111	229 ±	‡	Salt					89 31
11104	545 #		Kolseal				,	89.31 250.70
1401	1/2 9	al	Palanor					23,63
4402	1		21/2" 1266	ser pl	-ea			29.50
						7.		1.1
							Carne	
							- College Page	1
						18	and the second	ter en
		 				jainen i		
12.12.0707						7 535%	SALES TAX	128.61
lavin 3737	900 pro-						ESTIMATED	3596.51
AUTHORIZTION	No Co. R	es on loc	ation TITL	.E			TOTAL	5014.1
acknowledge		t torme wels					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