

Kansas Corporation Commission Oil & Gas Conservation Division

1136988

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?
If Workover/Re-entry: Old Well Info as follows:	feet depth to: w/ sx cmt.
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:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
☐ ENHR Permit #: ☐ 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 III Approved by: Date:					

Side Two

1136988

Operator Name:			Lease Name:			_ Well #:	
Sec Twp	S. R	East West	County:				
ime tool open and clo ecovery, and flow rate	osed, flowing and shu	d base of formations per i-in pressures, whether s st, along with final chart(well site report.	shut-in pressure re	ached static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Orill Stem Tests Taker		Yes No		Log Formation	n (Top), Depth an	d Datum	Sample
Samples Sent to Geo	•	☐ Yes ☐ No	Na	me		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitter (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
ist All E. Logs Run:		CASING	RECORD []	New Used			
	Size Hole	Report all strings set- Size Casing	conductor, surface, ir Weight	setting	on, etc.	# Sacks	Type and Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone	Depth Top Bottom	ADDITIONAL Type of Cement	# Sacks Used	QUEEZE RECORD	Type and F	Percent Additives	
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Typ Specify Footage of Each Interval Perforated				eture, Shot, Cement count 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		Gas Lift O	ther (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf W	ater Bb	ols. (Gas-Oil Ratio	Gravity
Vented Sold	ON OF GAS: Used on Lease bmit ACO-18.)	Open Hole		lly Comp. Com	nmingled nit ACO-4)	PRODUCTIO	ON INTERVAL:

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 # 255445

Invoice Date: 12/18/2012 Terms: 0/0/30,n/30 Page 1

D & Z EXPLORATION 901 N. ELM ST. P.O. BOX 159 ST. ELMO IL 62458 (618)829-3274 EAST GORDON #22 39045 27-14-22 12-17-2012 KS

Part Number 1124 1118B 1111 1110A 4402	Description 50/50 POZ CEMENT MIX PREMIUM GEL / BENTONITE SODIUM CHLORIDE (GRANULA KOL SEAL (50# BAG) 2 1/2" RUBBER PLUG	Qty 128.00 315.00 248.00 640.00 1.00		Total 1401.60 66.15 91.76 294.40 28.00
Description 495 CEMENT PUMP 495 EQUIPMENT MILE 495 CASING FOOTAGE 548 MIN. BULK DELI 675 80 BBL VACUUM	VERY	Hours 1.00 30.00 942.00 1.00 2.00	Unit Price 1030.00 4.00 .00 350.00 90.00	Total 1030.00 120.00 .00 350.00 180.00

Parts: 1881.91 Freight: .00 Tax: 141.61 AR 3703.52

Labor: .00 Misc: .00 Total:

Sublt: .00 Supplies: .00 Change: .00

Signed______Date____

3703.52



LOCATION O Hawa KS
FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELI	L NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
/2/17/12 CUSTOMER	3392	E. Gardon # 22			いかしュフ	14	22	20
				1	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	D & Z Exploration ILING ADDRESS			506	Fre Mad	Safety	mity	
901	11 Elm	54	. ,		495	Har Bec	HB	Truty
CITY	N Elm	STATE	ZIP CODE		675	Kel Det	KD	
ST E	Imo	IL	62458		548	MILHAA	.,,,,	
JOB TYPE LA		HOLE SIZE		LE DEPTH		_ CASING SIZE & V	VEIGHT 27/8	EUF
CASING DEPTH	-1.	DRILL PIPE		BING		- , , , , , , , , , , , , , , , , , , ,	OTHER	
SLURRY WEIGH		SLURRY VOL_	WA	TER gal/sk_		CEMENT LEFT in		"plus,
DISPLACEMENT	5.48 BBL	DISPLACEMEN		PSI		RATE		
REMARKS: E	stablish	Dums r	ate. Dix	KPumi	100#	Cal Flush.	Myx Pon	n 0
128	5Ks 50/	50 Por V	nix Cement	2% Cu	15%50	It 5# Kal	Seal /c/L.	
			e. Flush					
			casing TD					
press	use to	sox flo	sat value.	Shur	in co	esile.		-
						Ful n	lade.	
		-						
ACCOUNT CODE	QUANITY	or UNITS	DESCRI	IPTION of SE	RVICES or P	RODUCT	UNIT PRICE	TOTAL
5401			PUMP CHARGE			495		103000
5406		30mi	MILEAGE			495		12000
5402	. 9	42'	Casy'ng fo	o Lage				N/C
5407	Minim	un	Lon Mil	les				35000
15502C		2 hrs	80BBL Va	ac Tru	ررد	6 75		15000
							-	
1124	10	28 545	50/50 Por	mix C	emux			140160
11183	31	5-#	Premiun	n al.				66 45
1111	21	18#	Granulax		14			9176
1110 17	6	40#	Kol Seal	1				294-40
4402		1	25" RUB		,			28 000
			, , , , , , , , , ,	/	7		* **	Z 8
							1	
			P 46		,	200 200 E	nloien i	4.
					3 . F		IBIOID	填
								,
D-1-0707						7.57.570	SALES TAX	14/61
Ravin 3737	~ L	011		2			FOTILLE	152
AUTHORIZTION_	Defe	Boldon	-	_			TOTAL	370352
ASTRONALION_		Heren I	TITL	.⊏			DATE	

) 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

255445

Well: E. Gordon 22

Johnson County, KS Town Oilfield Service, Inc. Commenced Spudding:

(913) 837-8400

Lease Owner: D Z Exploration

12/13/2012

WELL LOG

Thickness of Strata	Formation	Total Depth	
5	Soil-Clay	5	
16	Sandstone	21	
39	Shale	60	
7	Lime	67	
6	Shale	73	
15	Lime	88	
8	Shale	96	
9	Lime	105	
8	Shale	113	
19	Lime	132	
16	Shale	148	
20	Lime	168	
7	Shale	175	
59	Lime	234	
19	Shale	253	
8	Lime	261	
19	Shale	280	
8	Lime	288	
4	Shale	292	
9	Lime	301	
34	Shale	335	
2	Lime	337	
11	Shale	348	
25	Lime	373	
9	Shale	382	
23	Lime	405	
4	Shale	409	
3	Lime	412	
5	Shale	417	
7	Lime	424	
4	Shale	428	
3	Lime	431	
5	Sand	436	
10	Sandy Shale	446	
88	Shale	534	
7	Sand	541	
55	Shale	596	
6	Lime	602	
3	Shale	605	
3	Lime	608	

Johnson County, KS Well: E. Gordon 22 (913) 837-8400 Commenced Spudding: 12/13/2012

Lease Owner: D Z Exploration

_		
5	Shale	613
9	Lime	622
3	Shale	625
2	Sand	627
9	Shale	636
5	Lime	641
7	Shale	648
3	Lime	
3		651
3	Shale	654
38	Lime	657
	Shale	695
10	Sand	705
11	Sandy Shale	716
50	Shale	766
4	Sand	770
8	Sandy Shale	778
17	Shale	795
12	Sandy Shale	807
9	sand	816
24	Shale	840
4	Sand	844
38	Shale	882
2	Broken Sand	884
1	Broken Sand	885
14	Core	899
1		900
18	Sandy Lime	
19	Sandy Shale	918
	Shale	937
10 5	Sand	947
	Sandy Shale	952
27	Shale	979-TD
		

	Core	
		885
1	Sandy Lime	886
5	Sand	891
2	Sand	893
4	Sand	897
2	Sandy Lime	899

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. 1,1			
Farm Ec.	Gordon		
KS		Mazinte	
(State)		(County)	
27	14	22	
(Section)	(Township)	(Range)	
For_ 0 → 2	EXploved:		
	(Well Owner)		

Town Oilfield Services, Inc.

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

East Gordin Farm: Dhisan County		
State; Well No. 22		_
Elevation_ION 8	-	1.
Commenced Spuding 12-13 2012		
Finished Drilling 12-17 20 12	-	
Driller's Name and Warry	_	
Driller's Name	_	
Driller's Name		
Tool Dresser's Name Brandon Stone	_	
Tool Dresser's Name Cale Halcom	_	
Tool Dresser's Name	-	
Contractor's Name 105	-	
27 14 22	-	_
(Section) (Township) (Range)		
Distance from line,3746ft.		
Distance from E line, 5060 ft.		
0786-0801 - 15 hrs		
,		_
cored		_
3- eccles		_
CASING AND TUBING		
RECORD		_
		_
10" Set 10" Pulled		
78" Set 25' 8" Pulled		
6%" Set 6%" Pulled		_
4" Set 4" Pulled		_
27 Set CIAD 2" Pulled	-1-	
979 TD		

Thickness of Strata	Formation	Total Depth	 Remarks
5	2011 clay	5	
16	suidstone	31	
39	shale	60	
7	Line	67	
6	shale	73	
15	Line	53	
8	shale	96	
9	Lime	105	
	Shale	113	
)9	Lime	132	
15	shale	148	-
20	Lime	168	
	shale	175	
59	Lime	1214	
19	sheele.	253	-
_ &	5 mil	261	-
19	shale	250	
~ %	L. Me	288	
1,4	shede	2017	
q	Lime	301	•
311	shale	335	•
- 3	Lime	337	
) (sticile	348	
25	Line	373	
9	shale	383	
23	Lina	405	
4	shoile	409	

		409	
Thickness of Strata	Formation	Total Depth	Remarks
3	Lilite	412	
ŰΙ	Shele	717	
. 7	Lime	424	Horse
1-1	shorte	428	
3	Line & sind	431	Broken
5	sund	13C	- Sacar vo cil
10	sundystrale	14146	7) 110
88	shoule	53.1	
	bous	541	Svey, No oil
35	shorte	596	
	Line	603	
	shale	205	
3	rima	208	
- 5	Shale	G13	
9	Lime	622	
	shale	625	
2	sund	627	. no 0.1
9	shale	636	
	Lime	641	
_ 7	shale	6,18	
3	Lime	651	
	shala	Lies	
	Lime	cŝī	
38	shale	695	
)C.	sind	705	
<u> </u>	Sudalale	710	
EM	Cl \ C	706	

	8 × · · · · · · · · · · · · · · · · · ·	766	
Thickness of Strata	Formation	Total Depth	Remarks
۲'	incord	710	Buckey no al Brown sund
8	sendy shale	778	1000
- 17	shorte	795	
12	surdychole	807	
9	sund	816	every no oil
24	shule	840	
<i>i-1</i>	sind	814	Sextrooil
38	chale	883	, ,
2	Brokensund	384	very 1.41/e oil
ì	Brokgn	845	eil no don shell bleading
)4	core	899	pase. Y
	sund, bime	400	
18	send, shale	918	
19	shale	937	
10	Sund	947	
5	sund y shale	952	
27	shale	979	OT

		885	-
Thickness of Strata	Formation	Total Depth	Remarks
)	sendy Lime	886	ne o.l
5	sund	891	you's said
2	Sund	893	Lamnaded 30%
4	Smd	5017	Luminated no oil
2	sundy lime	क्ष्यं य	100 c.)
			_
			-
<i>i</i>			-
A. D. S. C.		-	-
			-
			-
-		-	-
-4/2			-
		-	-
<u> </u>			-
		<u> </u>	
			-
	-8-		-9-