

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1151830

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:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Tast / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	
Name:	Lease Name: Well #:
Wellsite Geologist:	
Purchaser:	
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.): If Workover/Re-entry: Old Well Info as follows:	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: feet depth to: w/ sx cmt.
Operator:	
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date 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

	Side Two	1151830
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		-	n (Top), Depth an		Sample
Samples Sent to Geolog	ical Survey	Yes No	Nan	ie		Тор	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:							
		CASIN	G RECORD	ew Used			
		Report all strings se	et-conductor, surface, int	ermediate, product	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

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 RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					ement Squeeze Record of Material Used)	Depth			
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	ł.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	s.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF (BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit /	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sul	bmit ACC)-18.)		Other (Specify)						<u></u>

CONSOLIDATED Oil Well Services, LLC	Concolidated Oil Wall Co	6	Chanu 620/431-9210 • 1-8	IAIN OFFICE P.O. Box 884 ite, KS 66720 300/467-8676 520/431-0012
INVOICE			Invoice #	
======================================	Terms: 0/0/30,n/30			age 1
D & Z EXPLORATION 901 N. ELM ST. P.O. BOX 159 ST. ELMO IL 62458 (618)829-3274	418 29-	-14-22 -16-2013	ARMS I- 25	
1118BPREMIU1111SODIUN1110AKOL SI	ption POZ CEMENT MIX M GEL / BENTONITE CHLORIDE (GRANULA CAL (50# BAG) RUBBER PLUG	Qty 114.00 392.00 239.00 570.00 1.00	.2200 .3900 .4600	Total 1311.00 86.24 93.21 262.20 29.50
Description 369 80 BBL VACUUM TRUCK 548 MIN. BULK DELIVERY 666 CEMENT PUMP 666 EQUIPMENT MILEAGE (ON 666 CASING FOOTAGE		2.00 1.00	368.00 1085.00 4.20	Total 180.00 368.00 1085.00 126.00 .00

Parts:	1782.15	Freight:	.00	Tax:	134.10	AR	3675.25
Labor:	.00	Misc:	.00	Total:	3675.25		
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

POBEAR BALCHARUE, KS 66720 FIELD TICKET & TREATMENT REPORT CEMENT DATE CUSTOMER # WELL NAME & NUMBER SECTION DATE CUSTOMER # WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNTY CONTOMER # WELL NAME & NUMBER SECTION TRUCK # DRIVER TRUCK # DRIVER TRUCK # DRIVER TRUCK # DRIVER TRUCK # DRIVER SLUBRY WEIGHT SULRRY VOL WATER GAUGE SLUBRY WEIGHT SULRRY VOL WATER GAUGE SLUBRY WEIGHT SULRRY VOL WATER GAUGE TO BISLAGEMENT 5.15446 DISPLACEMENT PSI MATER GAUGE COMPACT OF BOOM PARTIES OF PSI WATER GAUGE COMPACT OF DATA SALL S & KORDAL OF SERVICES OF PRODUCT UNIT PRICE TOTAL SHOLD A DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SHOLD A DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SHOLD A DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SHOLD A DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SHOLD A DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SHOLD A DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SHOLD A DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SHOLD A DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SHOLD A DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SHOLD A DESCRIPTION OF SERVICES	G	CONSOLIDATED Oli Well Services, LLG	25891-]		Acur K	<u>1848</u>
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SILLAR 3392 Sugar Ridge Facus #IP SE 29 14 22 JO Dt 7 Exploration Truck # DRIVER 14 22 JO MALING ADDRESS State DRIVER TRUCK # DRIVER TRUCK # DRIVER YOI W. Elm St State State State State State State CITY State State State State State DRIVER TRUCK # DRIVER JOB TYPE State State State State State DRIVER TRUCK # DRIVER JOB TYPE State State State State State DRIVER DRIVER DRIVER JOB TYPE State State State The State DRIVER State Account Cement Left in Casino DRIVER <		0r 800-467-8676	CEMEN				
Dit all 3 3572 Jugar Kidge Facus #T-P SF 29 11 22 JC Obt 2 Exploration TRUCK # DRVER TRUCK # DRVER TRUCK # DRVER MALING ADRESS 901 D. Elm St Image: State ZIP CODE Image: State DRVER TRUCK # DRVER St Elmo Image: State ZIP CODE Image: State ZIP CODE Image: State DRIVER JOB TYPE Longthing HOLE SIZE ST/0 " HOLE DEPTH PDO' CASING SIZE & WEIGHT DTHER JOB TYPE Longthing HOLE SIZE ST/0 " HOLE DEPTH PDO' CASING SIZE & WEIGHT DTHER SLURRY WEIGHT SLURRY VOL WATER galisk CEMENT LEFT In CASING OTHER SLURRY WEIGHT SLURRY VOL WATER galisk CEMENT LEFT In CASING DISPLACEMENT S.I.St BS DISPLACEMENT PSI MIX PSI RATE 4! St Born Cevent up 276 gal, 5% satt + 5% Kelgoal for st. cement to surface, Premium Gene the load pump Br. Clear to bas from under the surface plum be asing to surface, Image: Surface Coront gal 70 bas from under the surface Image: Surface Image: Surface Casing directory pumped Image: Surface Image: Surface Image: Surface Coront <td< td=""><td>FUL</td><td></td><td></td><td>SECTION</td><td>TOWNSHIP</td><td>RANGE</td><td>COUNTY</td></td<>	FUL			SECTION	TOWNSHIP	RANGE	COUNTY
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STATE ZP CODE St Elwo Ist IL JOB TYPE LONGATING HOLE SIZE SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT IN CASING DISPLACEMENT S. MIX PSI REMARKS: hold sataty meeting, cstablished cricculation, mixed t pourped 1140 skc Sizo Propunik Generit w/ 276 gal Size Size from winged '2', "Note of point science," to surface, Hushed purper clean pumped '2', "Note of point science," to surface, Hushed purper clean pumped '2', "Note of point science," to surface, Iceleased pressure, shut in casing, Account QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE SHO2 SHO2 SHO2 SHO2 SHO3 Water againe, "contage SHO4 Interace SHO6 30 mi< milleage						<u> </u>	
ST Elmo 100 <			ZIP CODE				
JUDE TIPE IDEGUTING HOLE SIZE SJAN HOLE DEPTH 120' CASING DEPTH 120'			- 62458				+
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT IN CASING DISPLACEMENT S.1.5 kbbs DISPLACEMENT PSI MIX PSI RATE 4.5 kpm REMARKS: hold Sabity ineching, ostablished Circulation, mixed & pounded 200 # Preunsum Cenert Log 276 gel Sisse Front unit of the point of t		Jan	55/8" HOLE DEPTH	920'		VEIGHT J7	In I FIVE
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Connect w/ 276 gel 576 sett + 5 # Kolecal por st, cement to surface, thished pup ex clean pumped 21/2" Nober plan to casing TD w/ Sils Hils tesh water, pressured to 560 F31, well hold pressure to 30 min MIT, teleased pressure, shut m casing. Account quanity or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL SUCH 1 PUMP CHARGE 1085, co 5406 30 mi MILEAGE 1085, co 5402 890' casing footage 126. 5407 minimum ten mileage 32. 5407 minimum ten mileage 32. 5500C 2 hrs 50 Vac 180. 1124 114 sks 5950 Poznix cement 1311.00 1124 114 sks 5950 Poznix cement 1311.00 1138 392 # Premium Gel 316.24	And I ll		established circula	bon, mixe	dt pour	ad 200.	# Promising
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4402 1 21/2 rubber plug 29.50		570 #	Kalson				93.21
29.50	4402	1	2/2 Chlor 1				262.20
			- 10004 BIU	<u> </u>			27.50
							17/ 17/
					1.00	<u> </u>	
avin 3737 11	avin 3737					SALES TAX	13410
						STIMATED	
AUTHORIZTION TOTAL 3675, 25	UTHORIZTION_	the place	TITLE				10+3,00

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.

Jonhson County, KS Well:Sugar Ridge I-25 Lease Owner:D Z
Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400
Commenced Spudding: (913) 837-8400

WELL LOG

Thickness of Strata	Formation	Total Depth
0-19	soil-clay	19
4	lime	23
3	shale	26
17	lime	43
10	shale	53
8	lime	61
8	shale	69
20	lime	89
17	shale	106
23	lime	129
6	shale	135
53	lime	188
19	shale	207
9	lime	216
18	shale	234
7	lime	241
6	shale	247
8	lime	255
44	shale	299
25	lime	324
7	shale	331
25	lime	356
4	shale	360
3	lime	363
6	shale	369
6	lime	375
28	shale	403
17	sand	420
71	sandy shale	491
8	sand	499
50	shale	549
4	lime	553
2	shale	555
4	shale and lime	559
6	shale	565
7	lime	572
15	shale	587
3	lime	590
5	shale	595
5	lime	600

Jonhson County, KS Well:Sugar Ridge I-25 Lease Owner:D Z Town Oilfield Service, Inc. (913) 837-8400 Commenced Spudding: 05-15-13

4	shale	604
2	lime	606
34	shale	640
12	sand	652
8	sandy shale	660
52	shale	712
8	sand	720
10	sandy shale	730
98	shale	828
11	sand	839
81	shale	920



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

Well No. I-25

Farm Suger Ridge Farms



29 (Section) (Township)

For D&Z Exploration

Town Oilfield Services, Inc.

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

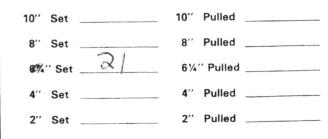


Sugar Ridge Forms Johnson County 1-25 125 State; Well No. Elevation_ May 15 , 20 Commenced Spuding 16 Finished Drilling 25/0 VV Driller's Name **Driller's Name** Driller's Name ran L Tool Dresser's Name Brand 0 -**Tool Dresser's Name** Tool Dresser's Name 05 Contractor's Name 14 22 29 (Range) (Township) (Section) _____ft. line, Distance from ____ Distance from ______ line, _____ft. 3 Suks 9 hrs

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
825.	75	500	1	hippl	ę
				01	
889.	50	Fle) ert		
				7	/
				2/	$\overline{\mathbf{A}}$
					0

CASING AND TUBING RECORD



-1-

Thickness of Strata	Formation	Total Depth	Remarks
6-19	Sol - clay	19	
4	Lime	23	
3	Shalt	26	
17	Lime	43	n
10	Shalk	53	-
8	Lime	61	-
×	Shal-e	69	-
20	Lim-e	89	-
17	Shale	106	
23	Lime	129	
6	Shale	135	
53	Lime	188	
19	Shale	207	
9	Lime	216	
18	shale	2.34	
7	Lime	241	
6	Shalt	247	
8	Lime	255	
44	3hal-e	299	
25	Lime	324	
7	Shale	331	
25	Lime	356	
4	Shale	360	
3	Lime	363	
6	shale Lime shale	369	
6	Lime	375	Hertha
28	-2-	403	

-3-



		403	
Thickness of Strata	Formation	Total Depth	Remarks
17	Sand	420	
71	Sandy Shale	491	no oil-gas odor
8	sand	499	no Oil
50	Shale	549	
4	Lime	553	
2	shale	555	
4	shale & lime	559	
6	shale	565	
7	Lime	572	
15	Shale	587	
3	Lime	590	
5	shalf.	595	
5	Lime	600	
4	Shale	604	
R	Lime	606	
34	shal-e	640	red 6-cl
12	Sind	652	Grey - no Oil
8	sandy shalt	660	
52	Shal-e	112	
8	Sand	720	odor - no show
10	Sandy shale	730	<i>A</i> ⁻
98	shalt	82.8	
11	sand	839	goed all
81	shale	920	goed cil
	-4-		-5-