KOLAR Document ID: 1377396

Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 November 2016 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.:
Name:	Spot Description:
Address 1:	
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 #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Described	Chloride content: ppm Fluid volume: bbls
☐ Commingled     Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if flauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date  Recompletion Date	County: Permit #:

#### **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					
Confidentiality Requested					
Date:					
Confidential Release Date:					
Wireline Log Received Drill Stem Tests Received					
Geologist Report / Mud Logs Received					
UIC Distribution					
ALT I II Approved by: Date:					

KOLAR Document ID: 1377396

#### Page Two

Operator Name:					Lease Nam	ne:			Well #:			
Sec Tw	pS.	R	East	West	County:							
open and closed and flow rates if	, flowing and s gas to surface ty Log, Final L	shut-in pressu test, along wi ogs run to ob	res, whe ith final c tain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if a and Final Elect	station more ric Lo	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool trature, fluid recovery,  Digital electronic log		
Drill Stem Tests 7			Ye	es No		Lo	og Formatio	n (Top), Dept	h and Datum	Sample		
Samples Sent to	Geological Su	urvey	Ye	es No		Name	•		Тор	Datum		
TCores a Electric Lo Geologist		Logs	Ye	es No es No es No								
List All E. Logs F	Run:											
					RECORD [	Ne						
	0	i=a Hala				e, inte	mediate, producti		# Cooks	Time and Developt		
Purpose of St		ize Hole Drilled		e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
				ADDITIONAL	CEMENTING	SQU	EEZE RECORD					
Purpose:  Perforate  Protect Ca  Plug Back	ısing	Depth op Bottom	Туре	of Cement	# Sacks Use	ed		Type a	nd Percent Additives	Percent Additives		
Plug Back												
Did you perform     Does the volume     Was the hydraul	e of the total bas	se fluid of the hy	draulic fra	cturing treatmen		•	Yes Service Yes Yes Yes	No (If No	o, skip questions 2 an o, skip question 3) o, fill out Page Three o			
Date of first Produ	ction/Injection or	r Resumed Prod	duction/	Producing Meth			D1#	M (5 (-1.)				
,		0.11		Flowing	Pumping			other (Explain)	0 0" 5 "			
Estimated Production Per 24 Hours		Oil Bl	ols.	Gas	Mcf	Wate	r Bi	ols.	Gas-Oil Ratio	Gravity		
	OSITION OF GA			N Open Hole	METHOD OF CO	MPLE Dually		nmingled	PRODUCTIO Top	N INTERVAL: Bottom		
Vented	」Sold	sed on Lease		open noie _		,		mit ACO-4)				
,												
Shots Per Foot	Perforation Top	Perforati Botton		Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record		
TUBING RECORI	D: Size	:	Set At:		Packer At:							

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	KNOCHE A-23
Doc ID	1377396

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	20	Portland	3	NA
Production	5.625	2.875	6.5	520	50/50 Poz	65	See Ticket

Lease Owner:AltaVista

### WELL LOG

Thickness of Strata	Formation	Total Depth
0-12	Soil-Clay	12
2	Shale	14
32	Lime	46
9	Shale	55
19	Lime	74
4	Shale	78
3	Lime	81
5	Shale	86
5	Lime	91
23	Shale	114
6	Sand	120
4	Sand	124
10	Sandy Shale	134
116	Shale	250
7	Sandy Lime	257
42	Shale	299
6	Lime	305
7	Shale	312
3	Lime	315
9	Shale	324
8	Lime	332
16	Shale	348
4	Lime	352
11	Shale	363
22	Lime	385
8	Shale	393
2	Lime	395
10	Shale	405
2	Lime	407
53	Shale	460
1	Sand	461
17	Core	478
62	Shale	540-TD

	Core	
<u></u>		461
1	Sand	462
4	Shale	466
2	Sand	468
10	Shale	478
		- · · · - ·

### **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

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### 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

Knoche 15-121-31386

### **Town Oilfield** Services, Inc.

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

Knoche Farm: Miami County  CS State: Well No. A-23	CASING A	ND TUBING MEAS	SUREMENTS	
Flavarian 905	Feet In. 456 - 5	Feet In.	Feet	ln.
Commenced Spuding 9-19 2017	174	وهر الم	Fi	
Finished Drilling 7-2 2017  Driller's Name Wesley Dellard	487,90	Batt		
Driller's Name	519,00	Float		
Driller's Name			7/	
Tool Dresser's Name Drake Williams	540 TU	2	1/4	
Tool Dresser's Name			10	
Tool Dresser's Name				· 
Contractor's Name				
(Section) (Township) (Range)				
Distance from 5 line, 2720 ft.				
Distance from line,ft.		_		
3 sacks 27/8 casing				
9 45				
5 5/4 borelale				
CASING AND TUBING			<del></del>	
RECORD				
10" Set 10" Pulled				
8" Set 8" Pulled				
8" Set 20 6%" Pulled				
4" Set 4" Pulled				

2" Set \_\_\_\_\_\_ 2" Pulled \_\_\_\_\_

-1-

Thickness of	<del>,</del>	T-+	<del>-</del>
Strata	Formation	Total Depth	Remarks
0-12	50:1-Clary	12	
_,2_	Shale 1	14	3
32	Lime-	46	
E)	5hale	55	
19	Lime	74	
4	5hale	78	
	Linex	81	
5	shile	86	
5	Line	91	Halther
23	Shele	114	
(2)	Sanel	1,200	orles
4	Som	124	broken good oil stoul
_/0	Sindy Stile	134	3
110	5hele	250	
7	Sandy Lime	257	white - no Gil
42	Shalf	299	
(2)	Lime	305	
7	Shalf	312	
_3	Linie	3/5	
9	Shale	324	
-5	Limit	332	!
10	Shall	348	
4	Lime	352	
11	3hale	363	
22	Lime	385	
<b>8</b>	Shalf	393	
	Cim-e	395	
	2		

-2-

-3-

		395	•
Thickness of Strata	Formation	Total Depth	Remarks
10	She t	405	
	Line	407	4
_53	Shalt	460	
/	Sand	46	- da5
	CO12	478	3
		461	
	5411	462	4°5
<u> </u>	Sha R	4606	3
X	Sylve	468	broken - ok oil show
10	Shult	470	
		1 3 3 3 4 5 1	
-/-0		478	
62	Shalk	540	エン
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#### **REMIT TO**

QES Pressure Pumping LLC Dept:970 P.O.Box 4346 Houston,TX 77210-4346

\_\_\_\_\_\_\_

MAIN OFFICE

P.O.Box884 Chanute,KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012

Invoice# 811300

Invoice Date: 09/21/17 Terms: Net 30 Page 1

ALTAVISTA ENERGY INC

PO BOX 128

WELLSVILLE KS 66092

USA

7858834057

KNOCHE A-23

==========	=======================================	=========			==========
Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	55.000	675.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	55.000	96.53
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	55.000	297.00
WE0853	80 BBL Vacuum Truck (Cement Services)	2.000	100.0000	55.000	90.00
CC5840	Poz-Blend I A (50:50)	65.000	13.5000	55.000	394.88
CC5965	Bentonite	209.000	0.3000	55.000	28.22
CC5326	Sodium Chloride, Salt	137.000	1.0000	55.000	61.65
CC6077	Kolseal	325.000	0.5000	55.000	73.13
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	55.000	20.25
				Subtotal	3,859.20

\_\_\_\_\_\_

Amount Due 3,961.98 If paid after 10/21/17

Tax:

46.25

Total:

**Discounted Amount** 

SubTotal After Discount

1,782.91

2,122.56

1,736.64



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

901/2010

ICKET NUMBER 53876

LOCATION OHDAWA KS

FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice#811300

		OLMEI1	111100		
DATE	CUSTOMER#	WELL NAME & NUMBER	SECTION TOWNSHIP	RANGE	COUNTY
9-20-17	<b>उर्यम</b> ।८	nochi A-23	NW 16 18	24	mi
CUSTOMER	int E	7	<b>和公司的</b> 的基本。	37、15、第一次	
MAILING ADDRE	vista Ener	gy tuc	TRUCK# DRIVER	TRUCK#	DRIVER
0 -	0 .0	j.	7/2 Fre Mad		
CITY	STAT	E ZIP CODE	364 Alamad		
Welley		KS 66092	503 Ki Ray		
JOB TYPE LON		E SIZE 575 HOLE DEPTH		WEIGHT 2 3/4	EUE
CASING DEPTH	H	L PIPE Baffle & TUBING		OTHER	206
SLURRY WEIGHT			CEMENT LEFT In		Plus
	2.84 BBL DISP		RATE_ 4 8P1		7100
REMARKS: H		.4. 7.4 / 1)		+ Pums	
41 -	el Flush	mix & Pump 65		IA Cenua	<b>*</b>
	5% Salt 5	Hol Seal/sk. Ce	ment to Surface		A
Dum A	times clean			AFING. G	
Duessur	-1 ( 57	PSI, Release pro	, ,	loax Valu	<del>''''</del>
Shuy W		is is the pro	STATE OF THE PARTY	DUN VAXV	E
	· · · · · · · ·		,		
					7
		**************************************			
ACCOUNT	QUANITY or UN	ITS DESCRIPTION of	SERVICES or PRODUCT	UNIT PRICE	TOTAL
CODE	- COMMITTORION				IOIAL
CE0450		PUMP CHARGE	368	150000	
(E0002	30	MILEAGE	368	21450	•
(E071)	M. ni mon			66000	,
WE 0853	2 1		CTFUCK 675	20000	
			Sub Total	257450	43
			Lass 55%		115853
CC-5840	6.5515	3 Por Blead IA C.	e ment	87750	•
CC 5965	2094	Bantonite Gil		6270	
rc 5326	/37#	Salt		12700	
6C 6077		KalSeat		162500	
CP 8176		21/2 # Rubber	Plus	45 00 9	
			Sub Total	128470	
					57812
				SALES TAX	46 35
Ravin 3737				ESTIMATED	17828
AUTHORIZZION		TITLE		TOTAL DATE	(396198)
AUTHORIZTION		IIILE		UAIE	J 7 41 mil