KOLAR Document ID: 1403711

Confiden	tiality Re	quested:
Yes	No	

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION Form ACO-1 January 2018 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 Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR □ OG □ GSW	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
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)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #: EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East _ West
Recompletion Date Reached TD 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 III Approved by: Date:				

KOLAR Document ID: 1403711

Operator Name:	Lease Name: Well #:
Sec TwpS. R East 🗌 West	County:

Page Two

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sh	eets)	Y	es 🗌 No			og Formatio	n (Top), Depth	and Datum	Sample
Samples Sent to Geolog	*		és 🗌 No	Ν	lame	e		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:			ies No ies No ies No						
		Repo	CASING I] Ne	w Used rmediate, productio	on, etc.		
Purpose of String	Size Hole Drilled		ze Casing tt (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Туре	e of Cement	# Sacks Used	k		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the is Was the hydraulic fractu Date of first Production/Inj 	total base fluid of the h ring treatment informa	nydraulic fra tion submit	acturing treatment	al disclosure regis	-	Yes Yes Yes Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Injection:			Flowing	Pumping		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITION	I OF GAS:		M	ETHOD OF COM	IPLE	TION:			ON INTERVAL:
Vented Sold (If vented, Subm	Used on Lease		Open Hole Perf. Dually Comp. (Submit ACO-5)			mingled	Тор	Bottom	
	oration Perfora Top Botto		Bridge Plug Type	Bridge Plug Set At					
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Altavista Energy, Inc.
Well Name	WINDLER AI-44
Doc ID	1403711

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	20	Portland	3	NA
Production	5.625	2.875	6.5	565	50/50 Poz	75	See Ticket

Lease Owner:AltaVista

WELL LOG

Thickness of Strata	Formation	Total Depth
0-7	Soil-Clay	7
2	Lime	9
13	Shale	22
33	Lime	55
9	Shale	64
18	Lime	82
4	Shale	86
3	Lime	89
3	Shale	92
6	Lime	98
21	Shale	119
6	Sand	125
10	Sand	135
15	Sandy Shale	150
111	Shale	261
10	Limey Sand	271
38	Shale	309
5	Lime	314
19	Shale	333
11	Lime	344
12	Shale	356
3	Lime	359
13	Shale	372
26	Lime	398
75	Shale	473
2	Sand & Shale	475
4	Shale	479
5	Sand	484
96	Shale	580-TD
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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.

Farm

KS	M.am.		
(State)		(County)	
21	15	24	

(Sec

~ 1	10	
tion)	(Township)	(Range)

For_	AHarsta	Energy	inc
	(Wei	I Owner) /	

Town Oilfield Services, Inc. 1207 N. 1st East

Louisburg, KS 66053 913-710-5400

A CONTRACTOR OF A CONTRACTOR O

windler Miami Farm: County AI-44 たら State; Well No. _ 710 Elevation_ 22 20 Commenced Spuding 120<u>1</u>8 **Finished Drilling** W151 Doll **Driller's Name** 34 **Driller's Name** Driller's Name Tool Dresser's Name Tool Dresser's Name Tool Dresser's Name 05 Contractor's Name 27 21 18 (Section) (Township) (Range) Distance from line, ft. E Distance from _ ft. line, 3 salls 4his 57 bestok 21/3 6-2-1 CASING AND TUBING RECORD 10" Set __ _____ 10" Pulled _ ____ 8" Set 8" Pulled _ 20 7 84" Set _ ____ , 6¼" Pulled _ 4'' Set _____ 4" Pulled 2" Pulled

2" Set _____

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77**10**(Y-2

CASING AND TUBING MEASUREMENTS

·			_		
Feet	In.	Feet	Jn.	Feet	In.
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565.	15	1-100	F	7	17
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Thickness of Strata	Formation	Total Depth	Remarks
0-7	Soil-clay	7	
2	Lime	9	
13	Shale	22	-
33	Lime	55	
9	Shale	64	
155	Lime	82	
4	Shale	86	
3	Lime	89	
3	Shele	92	
- 6	Lime	98	Hertha
_21	Shalp	119	
6	Sand	125	limey- no Oil
10	Sand	135	broken - good Oil Stall
15	sandy shelt	150	
111	Shale	261	
10	Limey sand	27/	white - no Oil
35	shale	309	
_ 5	Lime	314	
11	Shale	333	
	Lime	344	
12	_shile_	356	
	Lme	359	
13	Shale	372	·
26	Line	398	
-75	<u>Shall</u>	473	
2	Soud & Shak	475.	bieking - DI
	54.4.1K	479	
	-2-		-3-

La construcción de la construcción

Thickness of	Formation	Total	
Strata		Depth	Remarks
<u> </u>	Samal	454	Solid- ind Sit into
96	Shale	550	TD
<u>}</u>			
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	<u> </u>	····	
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	REMIT TO	MAIN OFFICE
PRESSURE PUMPING LLC	QES Pressure Pumping LLC Dept:970 P.O.Box 4346 Houston,TX 77210-4346	P.O.Box884 Chanute,KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012
Invoice ====================================		Invoice# 812195
Invoice Date: 01/10/18	Terms: Net 30	1
ALTAVISTA ENERGY INC		Page 1
PO BOX 128 WELLSVILLE KS 66092 USA	Windler A	I-44
7858834057		
======================================		

Part No	Description		============	=======================================	===================
CE0450		Quantity	Unit Price	Discount(%)	Total
	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	45.000	825.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	45.000	117.98
CE0711	Minimum Cement Delivery Charge	1.000	660,0000	15.000	
WE0853	80 BBL Vacuum Truck (Cement	1.000	660.0000	45.000	363.00
	Services)	2.000	100.0000	45.000	110.00
CC5840	Poz-Blend I A (50:50)	75.000			
CC5965	Bentonite	75.000	13.5000	45.000	556.88
CC5326		252.000	0.3000	45.000	41.58
	Sodium Chloride, Salt	158.000	1.0000	45.000	86.90
CC6077	Kolseal	375.000	0.5000		
CP8176	2 7/8" Top Rubber Plug			45.000	103.13
CC6128	Mud Flush - C	1.000	45.0000	45.000	24.75
		0.500	50.0000	45.000	13.75
				Subtotal	4,078.10
			Discounted	Amount	1,835.15
			SubTotal After [Discount	2,242.95

Amount Due 4,198.39 If paid after 02/09/18

Tax: 66.15

			(AR')	TIOVET	BER, 539	126
			Ogh		ALL ST	rc
S.			1911	LOCATION_	maura,	
	RE PUMPING LLC	FIELD TICKET &			asoy Key	real
620-431-92	, Chanute, KS 66720 10 or 800-467-8676		CEMENT	Invo	vie#8	12195
DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNT
1/8/18	3244 h	Jindler AI-44	NW 21	18	24	M
CUSTOMER	ide Fran	70.14	TRUCK #	DDIV/CD		
MAILING ADDR	ESS	J7	1209	DRIVER	TRUCK#	DRIVE
1 20	Box 128		467	Kar	1 Jay at	Priet
CITY	STA	TE ZIP CODE	577	Har Bec		
Dellou	ile	KS 166092	1075	Kei Det	~	
JOB TYPE	astring HOL	LE SIZE 55/8" HO	LE DEPTH 580'	CASING SIZE & W	VEIGHT 27	T'EUE
CASING DEPT	565 ' DRI	LL PIPE TU	BING-baffle - 53	3 '	OTHER	
SLURRY WEIGH	IT SLU	JRRY VOL WA	TER gal/sk	CEMENT LEFT In		
DISPLACEMEN	13.09 66/5 DISI		(PSI	RATE 4 bom		
REMARKS:	ld sately up	action, ostablished	1 circulation	ival tour	soon to	Icel
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ACCOUNT		NITS DESCRI			H	7
	QUANITY or U		PTION of SERVICES or PRC			7 TOTAL
CODE (E0450.	QUANITY or U	PUMP CHARGE				TOTAL
CE0450. CE0002,	QUANITY or UI	PUMP CHARGE MILEAGE	IPTION of SERVICES or PRC		1500.00	TOTAL
CE0450. CE0450. CE0002.	QUANITY or UI	PUMP CHARGE MILEAGE	IPTION of SERVICES or PRC		1500,00 214.50 600.00	TOTAL
CE0450. CE0002,	QUANITY or UI	PUMP CHARGE MILEAGE	IPTION of SERVICES or PRC		1500,00 214.50 600.00 200.00	TOTAL
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CEO450. CEO002, CEO711, UE0953,	QUANITY or UI	PUMP CHARGE MILEAGE Yon mile 80 Vac	IPTION of SERVICES or PRO 292 292 292 292 292 292 292 292 292		1500,00 214.50 600.00 2544 50 11.58 53	
CE0450. CE0450. CE0002.	QUANITY or U - 1 - 30 rui - Min - 2 hrs - 75 sks	PUMP CHARGE MILEAGE	IPTION of SERVICES or PRO 292 292 292 292 292 292 292 292 292	nouct 70 Sub lota	1500,00 214.50 600.00 2544 50 11.58 53	
CEO450. CEO002, CEO711, UE0953,	QUANITY or UI	PUMP CHARGE MILEAGE Yon mile 80 Vac	IPTION of SERVICES or PRO 29e 20e 20e 20e 20e 20e 20e 20e 20e 20e 20	nouct 70 Sub lota	1500,00 214.50 60.00 2574 50 2574 50 1158 53	
CODE CEO450. CEO002, CEO711 MED953 CEO5840.	QUANITY or UI 30 rui Min 2 hrs 75 sts 252 H	PUMP CHARGE MILEAGE Yon mile 80 Vac	IPTION of SERVICES or PRO 292 292 292 292 292 292 292 292 292	nouct 70 Sub lota	1500,00 214.50 60.00 254450 254450 115853 1012.50 75.60	
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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.