

#### Kansas Corporation Commission Oil & Gas Conservation Division

#### 1047367

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 II III Approved by: Date:

Side Two



Operator Name: \_ Lease Name: \_ \_ Well #: \_ 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 Wireline Logs surveyed. Attach final geological well site report. **Drill Stem Tests Taken** Yes No Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Top Datum Samples Sent to Geological Survey ☐ Yes □ No Cores Taken Yes No Electric Log Run Electric Log Submitted Electronically Yes No (If no, Submit Copy) List All E. Logs Run: CASING RECORD Used New Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight # Sacks Type and Percent Type of Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Additives Depth Cement Used ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth TUBING RECORD: Size: Set At: Packer At: Liner Run: No Yes Producing Method: Date of First, Resumed Production, SWD or ENHR. Pumping Gas Lift Other (Explain) Flowing **Estimated Production** Bbls. Water Bbls. Gas-Oil Ratio Oil Gas Mcf Gravity Per 24 Hours **DISPOSITION OF GAS:** METHOD OF COMPLETION: PRODUCTION INTERVAL: Open Hole Dually Comp. Perf. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

Form	ACO1 - Well Completion
Operator	Bach, Jason dba Bach Oil Production
Well Name	Anita 1
Doc ID	1047367

### Tops

Name	Тор	Datum
Anhydrite	1526'	+510
Base Anhydrite	1558'	+478
Topeka	3005'	-969
Heebner Shale	3210'	-1174
Toronto	3231'	-1195
Lansing	3248'	-1212
ВКС	3467'	-1431
Arbuckle	3500'	-1467
TD	3577'	-1541



PO BOX 31 Russell, KS 67665

INVOICE

Invoice Number: 125341

Invoice Date: Nov 17, 2010

Page: 1

Voice: Fax: (785) 483-3887 (785) 483-5566

Bill To:

Bach Oil Production R. R. #I Box 28

Phillipsburg, KS 67661

Federal Tax I.D.#: 20-5975804

CustomerID	Well Name/# or Customer P.O.	Payment Terms Net 30 Days		
Bach	Anita #1			
Job Location	Camp Location	Service Date	Due Date	
KS2-01	Russell	Nov 17, 2010	12/17/10	

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	13.50	2,025.00
3.00	MAT	Gel	20.25	60.75
5.00	MAT	Chloride	51.50	257.50
150.00	SER	Handling	2.25	337.50
50.00	TOWNSTILL.	Mileage 150 sx @.10 per sk per mi	15.00	750.00
	SER	Surface	991.00	991.00
50.00	SER	Pump Truck Mileage	7.00	350.00
<u> </u>		0.4444		

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 954 35

ONLY IF PAID ON OR BEFORE Dec 12, 2010

Subtotal	4,771.75
Sales Tax	147.62
Total Invoice Amount	4,919.37
Payment/Credit Applied	
TOTAL	4 919 37

# ALLIED CEMENTING CO., LLC. 033991

Federal Tax I.D.# 20-5975804

MIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

You are hereby requested to rent cementing equipment

SERVICE POINT:

Russell KS

DATE / 1-17-10	SEC.	TWP.	RANGE 19	CA	LLED OUT	ON LOCATIO	. 4	OB START 10:30 pm	JOB FINISH
Anita	WELL#	1		urich	KS6North	to Rd. R	g	OUNTY ROOKS	STATE '
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u ninst m etc			SVEST	0 10.	Constitution Principal	er chieffy, et (			
CONTRACTOR	Murfi	n#16			OWNER				
TYPE OF JOB S	urface	<u> </u>							
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PO BOX 31 Russell, KS 67665

Voice:

(785) 483-3887

Fax:

(785) 483-5566

Bill To:

Bach Oil Production R. R. #I Box 28

Phillipsburg, KS 67661

## INVOICE

Invoice Number: 125391

Invoice Date: Nov 22, 2010 1

Page:

Federal Tax I.D.#: 20-5975804

CustomerID	Well Name# or Customer P.O.	Payment Terms			
Bach	Anita #1	Net 30 Days		A-2-44	
Job Location	Camp Location				
KS2-03	Russell		Due Date		
1102 00	rassen	Nov 22, 2010	12/22/10		

Quantity	Item	Description	Unit Price	Amount
147.00		Class A Common	13.50	1,984.50
	MAT	Pozmix	7.55	739.90
8.00	MAT	Gel	20.25	
61.00	MAT	Flo Seal	2.45	162.00
245.00	SER	handling	2.25	149.45
60.00	SER	Mileage 245 sx @.10 per sk per mi	24.50	551.25
1.00	SER	Rotary Plug		1,470.00
60.00	SER	Pump Truck Mileage	991.00 7.00	991.00 420.00
ALL PRICES	ARE NET. PAY	ABI F Subtotal		6.468.10

30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

1293 62

ONLY IF PAID ON OR BEFORE Dec 17, 2010

Subtotal	6,468.10
Sales Tax	407.49
Total Invoice Amount	6,875.59
Payment/Credit Applied	3,0.0.00
TOTAL	6,875.59

# ALLIED CEMENTING CO., LLC. 033998

Federal Tax I.D.# 20-5975804

EMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

Russell KS

DATE 11-22-10	SEC.	TWP.	RANGE 19	CALLED OUT	ON LOCATION	JOB START	
A Seita	WELL#	1	LOCATION 7	urich KS le No.	. H. to 21 D	COUNTY	STATE
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TYPE OF JOB	Cotaru	Phus			this et i	10070	Table 11 H
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	14-X 3	DE	PTH 3502'				
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PRES. MAX			NIMUM	COMMON_	147	@ 13,50	1984,50
MEAS. LINE		SH	OE JOINT	POZMIX _	98	@ 7,55	739,90
CEMENT LEFT IN	CSG.		manuels nacqual	GEL _	8	@ 20,25	162.00
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			menting equipm			@	



Prepared For: Bach Oil Production

PO Box 723 Alma, NE 68920-0723

ATTN: Jason Bach

#### 34-7s-20w Rooks,KS

#### Janie Lowry #1

Start Date: 2010.10.18 @ 01:16:15 End Date: 2010.10.18 @ 09:18:30 Job Ticket #: 040367 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Bach Oil Prod ction

Janie Lowry #1

PO Box 723

34-7s-20w Rooks, KS

Alma, NE 68920-0723

Job Ticket: 040367 S#

ATTN: Jason Bach Test Start: 2010.10.18 @ 01:16:15

**ENERAL INFORMATION:** 

Formation:

De iated: ft KB on entional Bottom Hole No hipstock: Test Type:

Time Tool Opened: 04:06:45 Tester: Dan Bangle Time Test Ended: 09:18:30 38

nit No:

nteral323000 31400 t KB o t KB Reference ⊟e ations: 1905.00 ft KB

Total Depth: 3230.00 ft KB T D 1900.00 ft F Hole Diameter: 7.88 inches Hole ondition: KB to R F: 5.00 ft ood

Serial # 34 nside

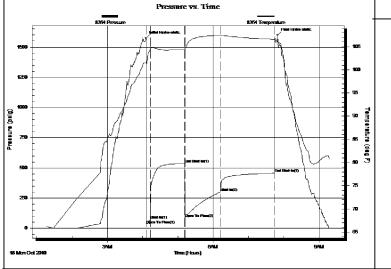
Press@R nDepth: 3195.00 ft KB 300.98 psig @ apacity: 8000.00 psig

Start Date: 2010.10.18 End Date: 2010.10.18 Last alib.: 2010.10.18 Start Time: 01:16:16 End Time: 09:18:30 Time On Btm: 2010.10.18 @ 04:05:30

2010.10.18 @ 07:49:15 Time Off Btm:

TEST OMMENT: IF-Strong B-B in 5 min

FF-Strong B-B in 13 min



		PI	RESS F	RES MMAR
Ī	Time	Press re	Temp	Annotation
	Min.	psig	deg F	
	0	1573.30	101.53	Initial Hydro-static
	2	30.87	101.22	Open To Flo 1
	8	72.78	104.49	Sh t-ln 1
_	66	537.96	104.35	End Sh t-In 1
m m	67	85.09	104.24	Open To Flo 2
Temperature (deg F)	128	300.98	107.42	Sh t-ln 2
û	219	455.46	106.60	End Sh t-In 2
3	224	1598.12	106.17	Final Hydro-static

#### Reco ery

Description	ol me bbl
Mdy tr	9.54
	·

as Rai	.62	
hoke inches	Press re psig	as Rate Mcfd

Trilobite Testing, Inc Ref. No: 040367 Printed: 2010.12.29 @ 12:04:57 Page 2



OOL RM

Bach Oil Prod ction

Janie Lowry # 1

PO Box 723

34-7s-20w Rooks,KS

Alma, NE 68920-0723

Job Ticket: 040367 **S#** 

ATTN: Jason Bach Test Start: 2010.10.18 @ 01:16:15

**Tool Information** 

Drill Pipe: Length: 3200.00 ft Diameter: 3.80 inches ol me: 44.89 bbl Tool eight: 2500.00 lb Hea y t. Pipe: Length: 0.00 ft Diameter: 0.00 inches ol me: 0.00 bbl eight set on Packer: 20000.00 lb Drill ollar: Length: 0.00 ft Diameter: 0.00 inches ol me: 0.00 bbl eight to P II Loose: 50000.00 lb

 Drill Pipe Abo e KB:
 26.00 ft
 Total ol me:
 44.89 bbl
 Tool hased
 0.00 ft

 Depth to Top Packer:
 3194.00 ft
 String eight: Initial 42000.00 lb
 44000.00 lb

Depth to Bottom Packer: ft
Inter al bet een Packers: 36.00 ft
Tool Length: 56.00 ft

N mber of Packers: 2 Diameter: 6.75 inches

Tool omments:

ool escrition	Lenth t	Serial o	Position	eth t	ccu Lenths	
hange O er S b	1.00			3175.00		
Sh t In Tool	5.00			3180.00		
Hydra lic tool	5.00			3185.00		
Packer	5.00			3190.00	20.00	Bottom Of Top Packer
Packer	4.00			3194.00		
St bb	1.00			3195.00		
Recorder	0.00	8354	Inside	3195.00		
Recorder	0.00	8520	O tside	3195.00		
Perforations	32.00			3227.00		
B Ilnose	3.00			3230.00	36.00	Bottom Packers Anchor
otal ool Lenth	00					

Trilobite Testing, Inc Ref. No: 040367 Printed: 2010.12.29 @ 12:04:58 Page 3



**L SMMR** 

Bach Oil Prod ction

Janie Lowry #1

PO Box 723

34-7s-20w Rooks, KS

Alma, NE 68920-0723

Job Ticket: 040367 S# 1

ATTN: Jason Bach Test Start: 2010.10.18 @ 01:16:15

Mud and ushion noration

7.59 in

el hem Oil API: M d Type: shion Type: deg API

M d eight: 9.00 lb gal shion Length: 83000 ppm ft ater Salinity:

iscosity: 52.00 sec t shion ol me: bbl

ater Loss: as shion Type: Resisti ity: ohm.m as shion Press re: psig

Salinity: 850.00 ppm Filter ake: inches

#### **Recoery noration**

#### Reco ery Table

Length ft	Description	ol me bbl
680.00	Mdy tr	9.539

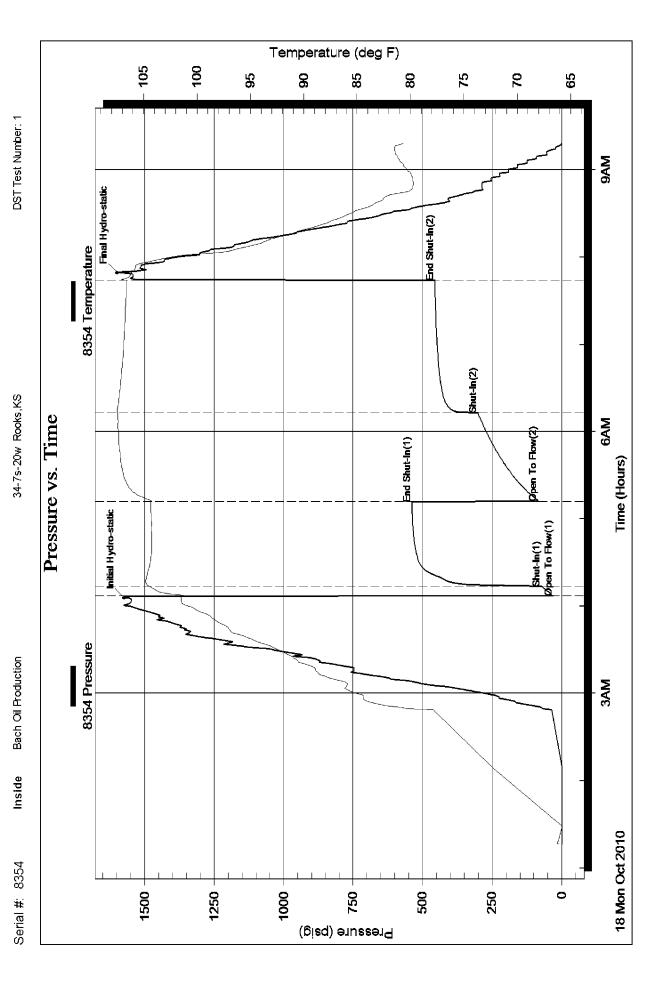
Total Length: 680.00 ft Total ol me: 9.539 bbl

N m Fl id Samples: 0 N m as Bombs: Serial #: 0

Laboratory Name: Laboratory Location:

Reco ery omments: R .19 @ 72 83000ppm

Trilobite Testing, Inc Ref. No: 040367 Printed: 2010.12.29 @ 12:04:58 Page 4



Trilobite Testing, Inc

## Randall Kilian Corporation Geologist



Certified Petroleum Geologist \*3351 License #224

P.O. Box 26 Hays, Kansas 67601-0026 Phone: 785-628-6061 Cell: 785-635-1349

### **GEOL**OGIST'S WELL REPORT

COMPANY BACH OIL PRODUCTION (31569)												
WELL Anita #1												
FIELD Wildcat												
LOCATION (legal) Ap. NW NE SW NW (1610' FNL & 740' FWL) Section 30 TWP 8S RGE 19W												
(Map) 6 mi N & 3 mi W of Zurich,	Ks.											
COUNTY Rooks STATE Kansas												
ELEVATION: 2036' K.B., 2031' G.L.												
Depths measured from Kelly Bushing												
A. P. I. NUMBER15-163-23901												
GEOLOGY BY Randall Kilian												

# PERTINENT WELL DATA

CONTRACTOR Murfin Drilling Co., Inc. (30606)
RIG #16 HYDRAULICS D-375 6x14x60 (Andy Dinkel TP)  DRILL PIPE 45" X-H COLLARS 65" 17 (503')
CASING: SURFACE 8 5/8" @ 218' w/ 150 sx Common
PRODUCTION
DRILLING FLUID: COMPANY Andy's Mud & Chemical Co.  (Ken Rupp)  TYPE: Chemical & Drispac
REMARKS: Full service
DRILL STEM TESTS: COMPANY Trilobite Testing Inc. (Brian Fairbank)  NUMBER OF TESTS One (1)
ELECTIC LOGS: COMPANY Pioneer Log-Tech Inc.
DETAIL (5") 2900' - RTD
TYPE RAG, Sonic
DRILLING TIME FROM 2900' TO RTD
SAMPLE TIME FROM 2900' TO RTD
SUPERVISION FROM 2900' TO RTD
VERTICAL DEVIATION 10 201 1 10 2056'
PLUGGING REPORT 25 sx @ 3500', 25 @ 1545', 100 @ 860', 40 @ 270', 10 @ 40', 30 Rat, 15 Mouse, 245 sx 60/40 Poz  Fd Schumaker RESERVE PIT 500 bbls., Chl. 22,000 Ca. 600

## DAILY REPORT

DATE:	7 a.m. Depth	RIG ACTIVITY
11-16-10	)	MIRU 3
11-17-10	)	Spud
11-18-10	220'	WOC
11-19-10	2190'	Drilling shale
11-20-10	2965'	Drilling lime & shale
11-21-10	3365'	DST #1 LKc E-F
11-22-10	3580'	TD. Logged. Plugging
34		
	**	
2		
	<u>.</u> 8	
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		* 1
	N	

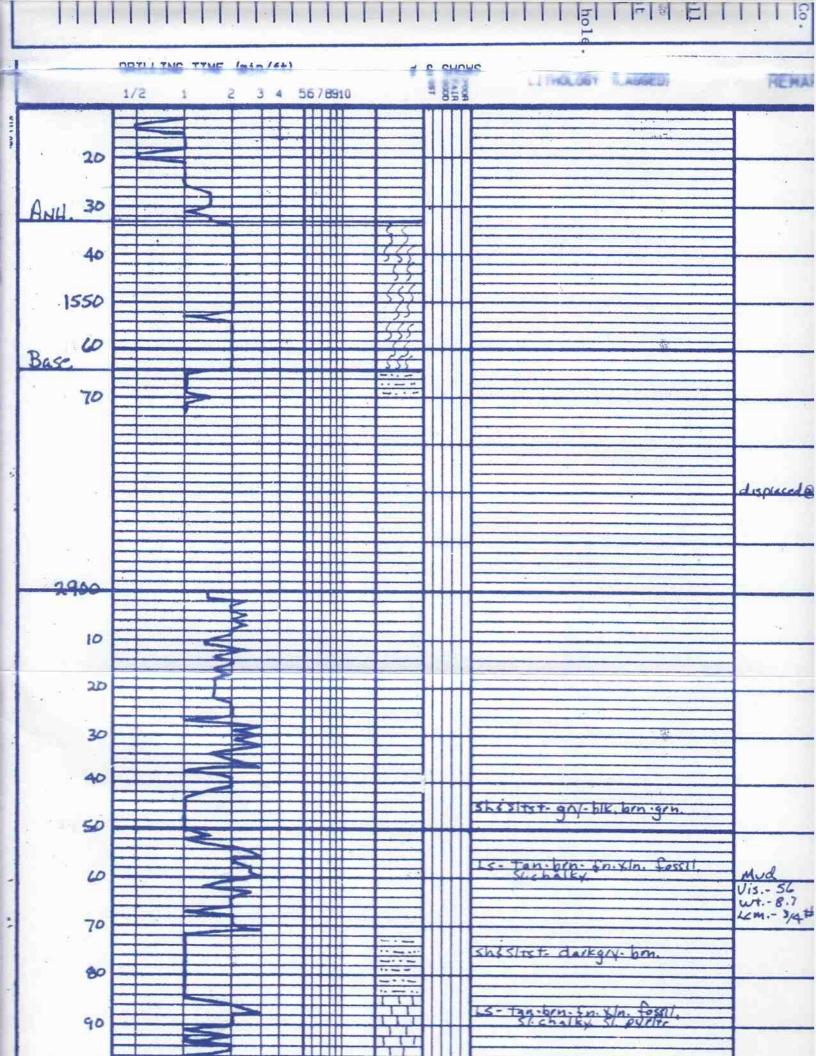
o	NIEN	AL	IFP/	TME	151	)R	ME	FP/	TIME	F5	P/TI	ME	HP/	/F	HP		-	COVI	ERY			1
1	1.Kc 3319 3365	E-H	- 1	58# 47# 5"		104	5# 0"		724 84 60		100	90"	16	57	3#	12	2'.8'	Oil M,W	tr		7	
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3						8	2												E			
4					A											1	-					
5				4											-			i i	_			
6																						
7	,					[8]					*						27			- 4		
	8								×						_							
- Land								_			-					HOURS		3/4				
			Displaced	3/4#	恭	13	恭						ı				-	19 (0	1	-	-	
			Disp	F.	E		Eg.		7		_				2	FEET	220	3360				
		d X			2k 16	-	3k 14	+	-	1	+				RECOR	DEPTHOUT	220	3580				
	8	FIL CHL		1	8.0 2		8.0		1	+	1				R		XSC	2	-			
	RECORD	VIS		56	47	52	51	62	65					- CANDINE	BIT	TYPE						
	S	V TW		8.7	8.9	8.9	9.1	9.2	9.3						ш	MAKE	Sec.	HTCo.				
×	MUD	DEPTH	2790	10967	3053	3180	3365	3405	3475			æ				SIZE	12 11	1 7/8"				
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STRATIGRAPHI	C SUE	BJECT WEL	L ST	RUCTURAL POS	STTION
MARKERS	SAMPLE		DATUM	A B	C D
Anhydrite	1526'	1526'	+ 510	+ 540	
Base	1564'		+ 478	+ 504	
Topeka	3011'	3005'	- 969	- 965	
Heeb. Sh.	3215'		-1174	-1175	
Toronto	3239'	3231'	-1195	-1197	
Lansing	3254	3248'	-1212	-1216	
BKc.	3474'	3467'	-1431	-1432	
Arbuckle	3509'	3500'	-1464	-1460	
TD	3580'	3577'	-1541	-1489	
Pipe strap	05' lone			**********	ф.,
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## SUMMARY

The Anita #1 well was drilled with Murfin Drilling Co.
The Anita #1 well was drifted with tools rig #16 beginning 11-16-10 and drilling was
completed 11-22-10.
The drillsite was located via a 3-D seismic survey.
The drillsite was located via a 5 because Iv. The The anhydrite was cut quite low structurally. The
The anhydrite was cut quite low structurally well thinned and was about flat to the reference well
well thinned and was about flat to sin
on the LKc top.
tored in several zone. The best
Oil shows were encountered in several services by DST #1
shows were the LKC E-F but were condemned
Based upon all data, the well was plugged as a dry hole.
Based upon all data, the well was plugged as
Respectfully.
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Randa Kilian
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