

Kansas Corporation Commission Oil & Gas Conservation Division

1137916

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:	Sec Twp S. 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 ☐ 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:	·
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Conv. to ENHR	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 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.

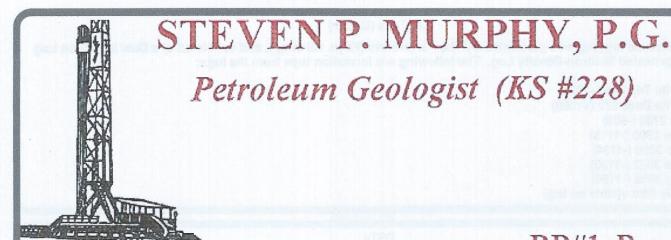
Submitted Electronically

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

1137916

Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	sures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: — Perforate — Protect Casing — Plug Back TD — Plug Off Zone Depth Top Bottom Type of Cel			ement	# Sacks Used Type				e and Percent Additives		
Shots Per Foot	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d	Depth		
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole Specify)	Perf.	Dually ((Submit AC		nmingled mit ACO-4)			



Cell 620.639.3030 Fax 785.387.2400

RR#1, Box 69 Otis, Kansas 67565 geomurphy@gbta.net

Region: Kansas

Drilling Completed: 11/22/2012

Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: Deines #3

Location: Russell County

License Number: API #15-167-23835-00-00

Spud Date: 11/16/2012

Surface Coordinates: 437' FNL & 1148' FEL (SW NW NE NE)

Section 36-T15S-R14W

Bottom Hole Coordinates: Same as above (vertical well w/minimal deviation)

Ground Elevation (ft): 1860'

K.B. Elevation (ft): 1872'

Logged Interval (ft): 2700'

To: TD

Total Depth (ft): RTD - 3304'

Formation: Topeka thru Arbuckle

Type of Drilling Fluid: Chemical

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Michaelis, Roger dba Aleo Oil Company

Address: 5907 Broadway

Great Bend, KS 67530

GEOLOGIST

Name: Steven P. Murphy, PG

Company: Consulting Petroleum Geologist

Address: 3365 CR 390

Otis, KS 67565

LogTops (Datum)

The open-hole logging was performed by The Perforators (Hays, KS shop), and consisted of a Dual Induction Log & Compensated Neutron-Density Log. The following are formation tops from the logs:

Anhydrite Top 844 (+1028) Anhydrite Base 872 (+1000)

Topeka 2760 (-888)

Heebner 2990 (-1118)

Toronto 3006 (-1134)

Douglas 3022 (-1150)

Lansing 3058 (-1186)

Arbuckle (Not visible on log)

DSTs

Drillstem testing was performed by Trilobite Testing (Hays, KS shop). The following are the results of DST #1:

DST #1 3290-3304 (Arbuckle)

15:45:15:60

IF: BOB 1 min, surface return

FF: BOB in min, built to 1"

Recovery: 307' GIP, 257' Gsy Oil, 378' GMCOW (40%G, 25%O, 30%W, 5%M), 378' OCMW (5%O, 85%W, 10%M),

472' MCW (95%W, 5%M)

IHP: 1582

FHP: 1509

IFP: 128-401

ISIP: 1099

FFP: 428-630

FSIP: 1101

Oil Gravity - 39

Chlorides - 27,500 ppm

BHT - 104 F

COMMENTS

Based on the results of DST #1, it was recommended that 5-1/2" casing be run to produce the Arbuckle.

Prior to abandonment, the LKC "C" (3092-3096) and LKC "J" (3241-3244) should be perforated and tested.

Respectfully submitted,

Steven P. Murphy, PG

Consulting Petroleum Geologist

ROCK TYPES

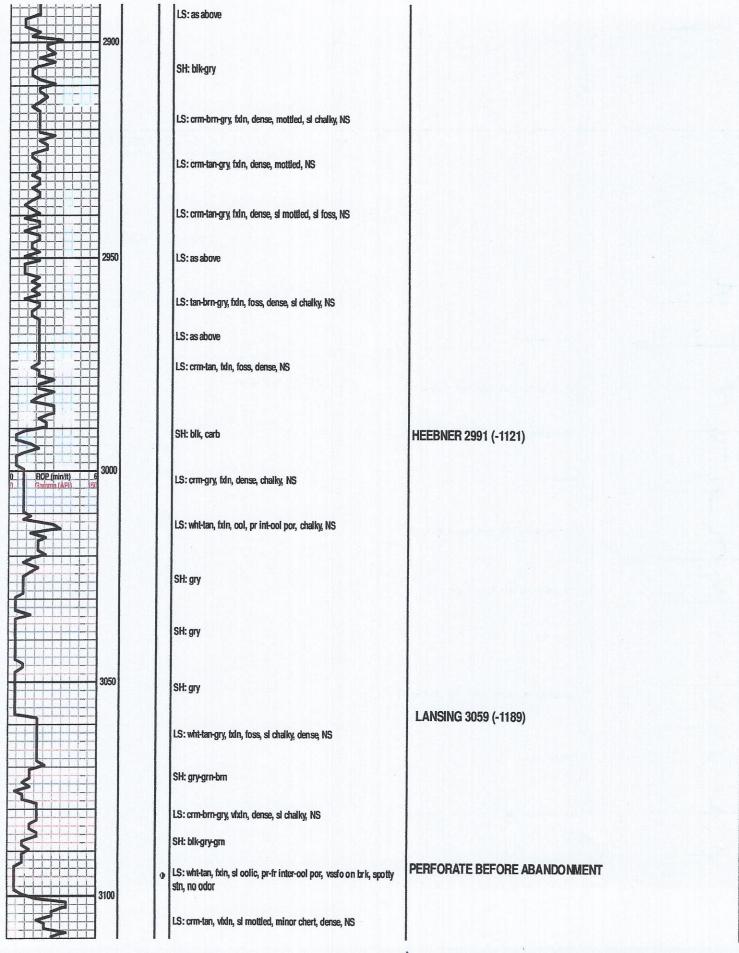
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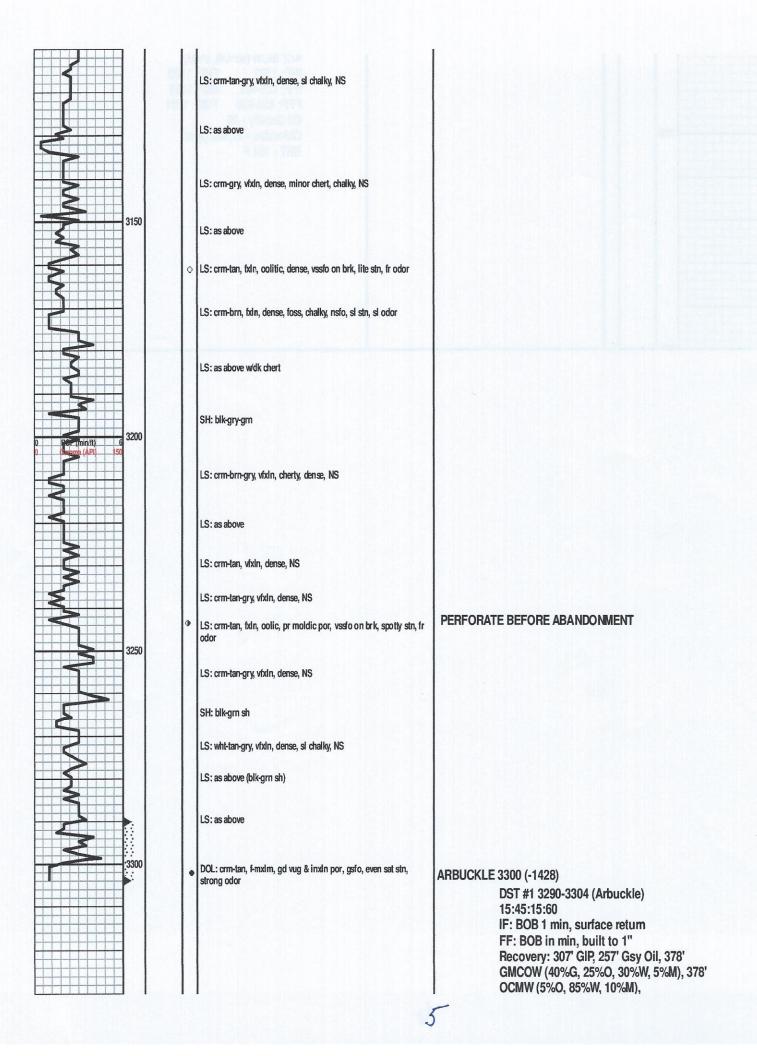
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Curve Track 1 ROP (min/ft) Gamma (API)	Depth	Lithology	Oil Shows	Geological Descriptions	REMARKS						
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>	2750			SH: gry-grn-blk LS: crm-tan-brn, vfxln, dense, foss, chalky, NS	TOPEKA 2754 (-884)						
}				LS: as above							
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\$				LS: tan-gry, fxln, dense, mottled, foss, sl chalky, NS							
}	2850			SH: blk-gry-grn LS: crm-brn-gry, fxln, dense, mottled, foss, NS							
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3350	472 MCW (95%W, 5%M) IHP: 1582 FHP: 1509 IFP: 128-401 ISIP: 1099 FFP: 428-630 FSIP: 1101 Oil Gravity - 39 Chlorides - 27,500 ppm BHT - 104 F
2400	

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6256

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QUALITY OLLWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 0100

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