

Kansas Corporation Commission Oil & Gas Conservation Division

1120002

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
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



Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart(s well site report.	hut-in pressure read	ched static level,	hydrostatic press	ures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No		og Formation	n (Top), Depth an	d Datum	Sample
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-		ermediate, producti		T 2 .	
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 / SQL	JEEZE RECORD	I		
Purpose: —— Perforate —— Protect Casing —— Plug Back TD	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Plug Off Zone							
Shots Per Foot		DN RECORD - Bridge Plug Footage of Each Interval Perl			cture, Shot, Cement mount and Kind of Ma		d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth		Gas Lift C	other (Explain)		
Estimated Production Per 24 Hours	Oil I	Bbls. Gas	Mcf Wat	er Bl	ols. G	Sas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:	N.	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo	Used on Lease	Open Hole	Perf. Dually		nmingled mit ACO-4)		
(If vented, Su	bmit ACO-18.)	Othor (Specify)	(SubMit i	100-0) (SUDI	IIII ACO-4)		

ALLIED OIL & GAS SERVICES, LLC 059152 Federal Tax 1.D.# 20-5975804

REMIT TO P.O. BOX 93999 .	SERVICE POINT:
SOUTHLAKE, TEXAS 76092	Ment Bond K
Maries 07 SEC. TWP. RANGE CALL CALL CALL CALL CALL CALL CALL CAL	LLED OUT ON LOCATION JOB START JOB FINISH
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TOOL DEPTH	COMMON 30 @ 17.90 537.00
PRES. MAX 100 P MINIMUM SCOTT	COMMON
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CEMENT LEFT IN CSG. 42.15'	UEL
PERFS.	CHLORIDE @ 20.90 3135.00
DISPLACEMENT 92,03 bbl3	A3C
EQUIPMENT	Gilsowite 750 @ . 98 735.00
EQUIPMENT	6:130 mite 750 @ . 98 735.00
	F1/60 42 @ 18.90 793.80
PUMPTRUCK CEMENTER Time Duckies	OF 21 @ 9.80 205. 00
#399 HELPER Town Hall	@
DILL K TRUCK	500 Gallon AST @127 635.00
#344-120 DRIVER Jose Moneton	@
BULK TRUCK	· · · · · · · · · · · · · · · · · · ·
# DRIVER	HANDLING 247.76 @2.48 614.97
	MILEAGE 10.69 X 12 X 2.60 333.
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ALLIED OIL & GAS SERVICES, LLC 053595 Federal Tax I.D.# 20-5975804

KEMIT TO P.O. BO	OX 31 ELL. KAN	NSAS 6766	55			SER	VICE POINT: Graf Be.	dr.
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DATE 11/9/12	SEC.	TYP 5	RANGE 3V	CALLED O	л	ON LOCATION	JOB START JOOTH	JOB FINISH AM
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CASING SIZE &	50	DE	PTH 364,12	AMOU	INT OF	DERED 300	325 BACK	514
TUBING SIZE		DE	PTH		occ.	790 901		
DRILL PIPE 41	3		PTH					
TOOL			PTH		1011	300	@ 17.98	5.370.00
PRES. MAX			NIMUM	POZM	NON_	300		•
MEAS, LINE	1000 1	42,28	OE JOINT	GEL		6	@ 23.50	140.00
CEMENT LEFT IN	1650.	12100	_P1		RIDE		@ 64.00	640.00
PERFS. DISPLACEMENT	735	LL1. 6	eech 1 seta	The state of the s	N.D.	All III Control of the Control of th		
DISPLACEMENT				7.00_				-/
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BULK TRUCK	DRIVER					2711 40	@ 	804.57
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To: Allied Oil &	Gas Ser	vices. LL	C.		81/18	Cenyral May	@ 74.88	5 77.3
You are hereby	requested	to rent c	ementing equipm	ent —			@	
and furnish cem	enter and	l helper(s') to assist owner	or —			— w	
contractor to do	work as	is listed.	The above work	was			TOTA	L 336. 90
done to satisfac	tion and	supervisio	on of owner agent	or		· .	101A	L 200
contractor I ha	ve read a	nd unders	stand the "GENE	RAT.	racial store &		173.57	-
TERMS AND	CONDIT	IONS" lis	ted on the reverse	side.		X (If Any)	58	
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DRILL STEM TEST REPORT

Deutsch Oil Co.

28-21s-13w Stafford Ks.

8100 E.22nd St. N. Wichita Ks.67226

Morrison A#2

Job Ticket: 49734

DST#: 1

ATTN: Eldon Schierling

Test Start: 2012.11.14 @ 01:54:23

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) No ft (KB)

Time Tool Opened: 04:37:53 Time Test Ended: 10:29:23

Tester: Gary Pevoteaux

Unit No: 56

3645.00 ft (KB) To 3721.00 ft (KB) (TVD)

Reference Elevations:

1896.00 ft (KB)

Total Depth: 3721.00 ft (KB) (TVD)

1886.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 8352

Press@RunDepth:

Inside

98.07 psig @

3646.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

Interval:

2012.11.14 01:54:28 End Date: End Time:

2012.11.14 Last Calib.: 10:29:23 Time On Btm: 2012.11.14

Time Off Btm: 2012.11.14 @ 08:13:08

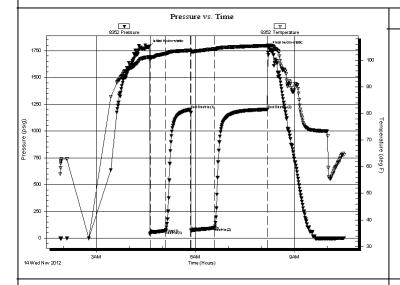
2012.11.14 @ 04:35:53

TEST COMMENT: IF:Fair to strong blow . B.O.B. in 24 mins . Comment:18-20 ft. of hard fill on btm. Slid approx.15 ft.

for first 18 mins. of IFP.

ISI:No blow.

FF:Strong blow . B.O.B. in 21 mins.



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1787.58	101.21	Initial Hydro-static
2	45.19	100.66	Open To Flow (1)
30	70.76	102.39	Shut-In(1)
75	1201.27	103.69	End Shut-In(1)
76	72.92	103.30	Open To Flow (2)
119	98.07	104.17	Shut-In(2)
215	1201.14	105.46	End Shut-In(2)
218	1770.12	105.54	Final Hydro-static

Recovery

Description	Volume (bbl)
425 ft.of GIP	0.00
CGO 20%g 80%o	0.63
GOCM 8%g 15%o 77%m	1.12
GOCM 35%g 27%o 38%m	0.84
	425 ft.of GIP CGO 20%g 80%o GOCM 8%g 15%o 77%m

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Printed: 2012.11.14 @ 13:03:15 Trilobite Testing, Inc. Ref. No: 49734



DRILL STEM TEST REPORT

FLUID SUMMARY

Deutsch Oil Co.

28-21s-13w Stafford Ks.

8100 E.22nd St. N. Wichita Ks.67226

Morrison A#2

Job Ticket: 49734

Serial #: none

DST#:1

ATTN: Eldon Schierling

Test Start: 2012.11.14 @ 01:54:23

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:37.7 deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:6900 ppm

Mud Weight:9.00 lb/galCushion Length:ftViscosity:51.00 sec/qtCushion Volume:bbl

Water Loss: 7.99 in³ Gas Cushion Type:

Resistivity: 0.00 ohm.m Gas Cushion Pressure: psig

Salinity: 6900.00 ppm Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	425 ft.of GIP	0.000
45.00	CGO 20%g 80%o	0.631
80.00	GOCM 8%g 15%o 77%m	1.122
60.00	GOCM 35%g 27%o 38%m	0.842

Total Length: 185.00 ft Total Volume: 2.595 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 49734 Printed: 2012.11.14 @ 13:03:16

