

# Kansas Corporation Commission Oil & Gas Conservation Division

1124337

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 SWD 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? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Conv. to GSW	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 #:	County: Permit #:
GSW Permit #:	. 5
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 Approved by: Date:						

Side Two



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	ssures, 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 Co	ement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	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 (		nmingled mit ACO-4)			

Form	ACO1 - Well Completion			
Operator	Cholla Production, LLC			
Well Name	Seltmann 1-24			
Doc ID	1124337			

# All Electric Logs Run

DUAL INDUCTION
DUAL COMP POROSITY
MICRO
BOREHOLE COMP SONIC



THE T NUMBER	33966
LOCATION ON H	a
FOREMAN TO	224

	hanute, KS 667 or 800-467-8676		ILLD HORL	CEMEN	T			K5
DATE	CUSTOMER#		ELL NAME & NUM	MBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-4-12	2582	Selta	Seltman 1-24		24	19	20	Rush
CLOCKER	la Prod	vedion	c.	Nekona	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRESS			12 160	463	Cory D			
				5- RAW	528-T127	Thomas		
CITY		STATE	ZIP CODE	3/4 w				
				112 NO				
JOB TYPE 5	SARRO	HOLE SIZE	12114	HOLE DEPTI	1604	CASING SIZE & W	EIGHT_ 85	8
CACINO DEDTI	lance	DOLL DIDE		TURING			OTHER	
SI LIPRY WEIGH	HT12.5-14.	7SLURRY VO	L1.89-1.30	WATER galls	sk	CEMENT LEFT in	CASING 47	41
DICEL ACCRES	7277	DISDI ACER	JENT DSI	MIX PSI		RATE		T #1
DISPLACEMEN	23.1	DISPLACE	111-11	- A12		and error	Judo	
REMARKS: )	desid MI	1	5,0 CC C	T1 + 1	00:4 2	20-1-65	12 69-	-01
Cont . V	middle of	GHOR.	37 (0)	5 7 - 4		0038465	55 6 70	50
3 7000	114+2105	ral Ta	: I with	150 Com	3ºloce.	200500.1	14 4016	5
and d	. SPIACE	353/4	40 8000	He Plate	. 300° L.	et land a	5000 (	weve
did a	er, i colate	14a C	0 25 B	BLLO	p. 4			
		716						

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 8	\	PUMP CHARGE	132500.	132500
5406	30	MILEAGE	500	15000
5407	15.7 ton	Ten milrage Dolivery	167	7865]
11045	150	Classif cement	1765	264750
1127A	200	65/35 pos	1520	30400
1102	945#	Cakion chande	,89	84105
4118B	1326*	Bendow. te	125	33150
1107	50*	Flo-seal	283	14100
4432	1	85/8 plus	9658	9600
4132	7	8518 - CENGHALIZARS	8200	16400
4232	- i	85/8- Battle Plude	11000	11000
, ,,			6321Ale	
		Sugdoda		9632.63
		1455 1090		963.07
	WITH THE PERSON	Subtotal		866935
			SALES TAX	417.9
avin 3737	1100 1	TITLE Tal Public	TOTAL DATE 6 - 6 -	9087.28

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.



Ravin 3737

TIMET NUMBER	33996
	Kley Ks
FOREMAN LJC	H Dinkel

SALES TAX ESTIMATED

TOTAL DATE 6-12-12

DATE	31-9210 or 800-467-8676 CEMENT  DATE   CUSTOMER #   WELL NAME & NUMBER				SECTION	TOWNSHIP	RANGE	COUNTY
12-12	2582	Chille		Hman 1-24	24	193	200	Rush
JSTOMER		110		Alexander	TRUCK#	DRIVER	TRUCK#	DRIVER
AILING ADDRE	a Product	ton, LC	_	5Wtord	399	-	Miller	
AILING ADDRE	.00			160	366	- 4	Roats	
TY	15	STATE	ZIP CODE	755 to	300	1		
				3/4W-6N				
7	TA	HOLE SIZE	77/8	HOLE DEPTH_	4515	CASING SIZE & I	WEIGHT	
			1/2 XH	TUBING			OTHER	
ASING DEPTH		SLURRY VOL_	102 111	WATER gal/sk		CEMENT LEFT IN	CASING	
URRY WEIGH		DIODI ACCINENT	PSI	MIY PSI		RATE		
ISPLACEMENT EMARKS:	C. FJ WA	an frie	Meric	200 1-1-	W#12	· Plus a	orderer	0
						Thank X		
						Walter		
CODE	QUANITY	or UNITS	1	DESCRIPTION of	SERVICES or P	RODUCT	UNIT PRICE	TOTAL
5405N	1		PUMP CHAI	RGE			1,32500	1325
5406	30		MILEAGE				500	150
1131	150		6940	202			15-10	1290
11183	516	华	bel				782	127-
1107	38	开	Flo	Seal			167	107
5407	6,4	15	Ton	Milegge	Delive	-	100	410-
								3
							1	20
							10	19
							William .	10
							COUNTY OF THE PARTY OF THE PART	4.384

AUTHORIZTION/ 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.

TITLE Todyperla



# DRILL STEM TEST REPORT

Cholla Productions, LLC

24-19-20

7851 S. Elati St. Ste. 201

Seltman 1-24

Littleton, CO 80120

Job Ticket: 47144 DST#: 1

ATTN: Clayton Erickson

Test Start: 2012.06.10 @ 11:05:27

# GENERAL INFORMATION:

Formation: **Cherokee Sand** 

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 13:22:57 Time Test Ended: 17:21:27 Tester: Brian Fairbank

Unit No:

Interval: 4182.00 ft (KB) To 4229.00 ft (KB) (TVD) Reference Elevations:

2180.00 ft (KB) 2172.00 ft (CF)

Total Depth: 4299.00 ft (KB) (TVD)

KB to GR/CF: 8.00 ft

7.88 inches Hole Condition: Good Hole Diameter:

Serial #: 6752 Inside

Press@RunDepth: 4221.00 ft (KB) 278.25 psig @

Capacity: Last Calib.: 8000.00 psig

2012.06.10

Start Date: 2012.06.10 Start Time: 11:05:28 End Date: 2012.06.10 End Time: 17:21:27

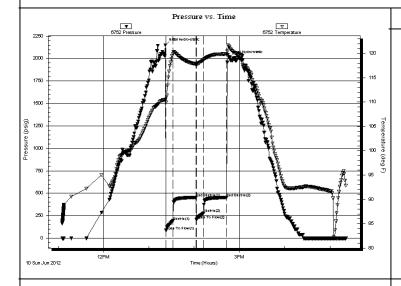
Time On Btm: 2012.06.10 @ 13:21:57

Time Off Btm:

2012.06.10 @ 14:46:27

TEST COMMENT: IFP - BOB 3 min

ISI - no blow back FFP - BOB 4 1/2 min FSI - no blow back



### PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2148.34	110.49	Initial Hydro-static
1	86.58	109.93	Open To Flow (1)
10	193.16	119.91	Shut-In(1)
41	453.73	117.77	End Shut-In(1)
41	205.22	117.64	Open To Flow (2)
51	278.25	118.66	Shut-In(2)
81	452.99	119.88	End Shut-In(2)
85	2007.91	121.28	Final Hydro-static

#### Recovery

Description	Volume (bbl)
MW 80%W, 20%M	1.48
WM 40%W, 60%M	2.17
MUD 100%	2.95
	MW 80%W, 20%M WM 40%W, 60%M

#### Gas Rates

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

Trilobite Testing, Inc. Ref. No: 47144 Printed: 2012.06.11 @ 00:30:20



# DRILL STEM TEST REPORT

Cholla Productions, LLC

24-19-20

7851 S. Elati St. Ste. 201

Seltman 1-24

Littleton, CO 80120

Job Ticket: 47144 DST#: 1

ATTN: Clayton Erickson

Test Start: 2012.06.10 @ 11:05:27

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Unit No:

Interval: 4182.00 ft (KB) To 4229.00 ft (KB) (TVD) Total Depth: 4299.00 ft (KB) (TVD)

Reference Elevations:

2180.00 ft (KB) 2172.00 ft (CF)

Hole Diameter:

KB to GR/CF: 8.00 ft

7.88 inches Hole Condition: Good

Serial #: 6741 Press@RunDepth: Outside

4221.00 ft (KB) psig @

Capacity: Last Calib.: 8000.00 psig

2012.06.10

Start Date: 2012.06.10 End Date: 2012.06.10 End Time: 17:21:25

Time On Btm:

Time Off Btm:

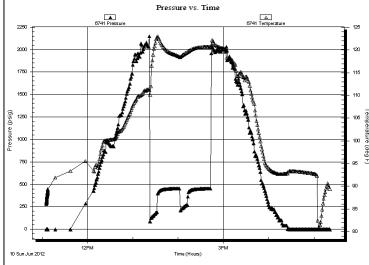
Start Time:

11:05:26

TEST COMMENT: IFP - BOB 3 min

ISI - no blow back FFP - BOB 4 1/2 min

FSI - no blow back



FRESSURE SUMMANT	PRESSURE	SUMMARY
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Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
Tem				
Temperature (deg F)				
r Ode				
9				

#### Recovery

Length (ft)	Description	Volume (bbl)
185.00	MW 80%W, 20%M	1.48
155.00	WM 40%W, 60%M	2.17
210.00	MUD 100%	2.95

#### Gas Rates

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

Trilobite Testing, Inc. Ref. No: 47144 Printed: 2012.06.11 @ 00:30:20



# DRILL STEM TEST REPORT

**FLUID SUMMARY** 

Cholla Productions, LLC

24-19-20

7851 S. Elati St. Ste. 201

Seltman 1-24

Littleton, CO 80120

Job Ticket: 47144 **DST#:1** 

ATTN: Clayton Erickson

Test Start: 2012.06.10 @ 11:05:27

#### **Mud and Cushion Information**

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: 32000 ppm

Viscosity: 60.00 sec/qt Cushion Volume: bbl

Water Loss: 7.80 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5300.00 ppm Filter Cake: inches

# **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
185.00	MW 80%W, 20%M	1.484
155.00	WM 40%W, 60%M	2.174
210.00	MUD 100%	2.946

Total Length: 550.00 ft Total Volume: 6.604 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 47144 Printed: 2012.06.11 @ 00:30:21

