Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1102299

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31819
Name: Cholla Production, LLC
Address 1: 7851 S ELATI ST STE 201
Address 2:
City: LITTLETON State: CO Zip: 80120 + 8081
Contact Person: Emily Hundley-Goff
Phone: (303) 623-4565
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Bill Goff
Purchaser:

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

08/15/2012	08/21/2012	10/05/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-039-21155-00-00
Spot Description:
W2 SW SE NE Sec. 25 Twp. 2 S. R. 30 ☐ East ☑ West
2310 Feet from ☑ North / ☐ South Line of Section
1090 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Decatur
Lease Name: Kyte-Ung Well #: 1-25
Field Name: Ung
Producing Formation: Lansing
Elevation: Ground: 2809 Kelly Bushing: 2810
Total Vertical Depth: 4090 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 260 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 2570 Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 1300 ppm Fluid volume: 750 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
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: 11/27/2012
☑ **Confidential Release Date:** 11/27/2014
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** **Date:** 11/28/2012

1102299

Operator Name: Cholla Production, LLC Lease Name: Kyte-Ung Well #: 1-25

Sec. 25 Twp. 2 S. R. 30 ☐ East ☑ West County: Decatur

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Dual Induction, CNL/CDL, Micro res.

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
T/ANHY	2560	+250
Heebner	3775	-965
Lansing	3820	-1010
BKC	4055	-1245

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

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
Surface	12.25	8.625	23	260	Common	175	3%CC, 2%Gel
Production	7.875	4.5	11.6	4083	EA-2	125	1/4#Flocele per sack

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☑ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	2570-2570	SMD	230	1/4# Flocele per sack
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
Attached	Attached	Attached	Attached

TUBING RECORD: Size: 2.375 Set At: 4020 Packer At: SN @ 3999

Liner Run: ☑ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR.

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
3822-30

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Cholla Production, LLC
Well Name	Kyte-Ung 1-25
Doc ID	1102299

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	4008-11	200 gal 15% MCA Acid	4008-11
		300 gal 15% SGA acid/150 gal 2%KCL H20	4008-11
4	3974-78	500 gal 15% MCA Acid	3974-78
		300 gal 15% SGA Acid/150 gal 2%KCL H20	3974-78
4	3822-30	500 gal 15% MCA acid	3822-30
		2000 gal 20%SGA Acid/500gal KCL H20	3822-30

ALLIED OIL & GAS SERVICES, LLC 056302

Federal Tax I.D.# 20-5976804

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

SERVICE POINT: Oakley, KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
8-14-12	25	2	30		5:00pm	6:00pm	6:30pm

LEASE	WELL #	LOCATION	COUNTY	STATE
Kyle-Eng	1-25	Oberlin, KS 5W, 1½N W 4N into	Decatur	KS

OLD OR NEW (Circle one)

1.01 7.3

CONTRACTOR WW #4
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 2601
CASING SIZE 8 5/8 DEPTH 259.69
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 15.66 bbl

OWNER Same

EQUIPMENT

PUMP TRUCK # 422 CEMENTER LaRue Wentz
HELPER 2 Wayne McGhghy
BULK TRUCK # 347 DRIVER 3 Brandon Wilkinson
BULK TRUCK # DRIVER

REMARKS:

mix 170 sks cement
Displace with water
Cement did circulate

CHARGE TO: Cholla production
STREET
CITY STATE ZIP

CEMENT

AMOUNT ORDERED 170 sks com 3% cc 2% gel

COMMON	170 sks	@ 16.25	2762.50
POZMIX		@	
GEL	3 sks	@ 21.25	63.75
CHLORIDE	6 sks	@ 58.20	349.20
ASC		@	
HANDLING	183.84 sks	@ 2.10	386.06
MILEAGE	8.37 ton x 65 x 2.35		1286.57
		TOTAL	4843.08

545.34

SERVICE

DEPTH OF JOB 2601'
PUMP TRUCK CHARGE 1125.00
EXTRA FOOTAGE @
MILEAGE 65 @ 7.00 455.00
MANIFOLD Swedge @ NC.
L. Drillpipe 65 @ 4.00 260.00
@
TOTAL 1840.00

PLUG & FLOAT EQUIPMENT

@
@
@
@
@
TOTAL

SALES TAX (If Any) 231.80
TOTAL CHARGES 6,683.08
DISCOUNT 30 1336.61 IF PAID IN 30 DAYS

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME MARK Herskowitz

SIGNATURE Mark Herskowitz

JOB LOG

SWIFT Services, Inc.

DATE 2DAU612 | PAGE NO.

CUSTOMER CAOLLA PRODUCTION | WELL NO. | LEASE RYTE-UNG 1-25 | JOB TYPE 4½ LONGSTRING | TICKET NO. 232602

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
1900	~~3000~~							ON LOCATION
	2130							START PIPE 4½ - 11.6#
								RTD @ 4089 SET @ 4083
								SHOE JT 20'
								CENTRALIZERS 1,3,5,7,9,35
								BASKETS 36, 65
								DV TOOL TOP of #36 @ 2573
	2300							DROP BALL - CIRCULATE
	0000	6	12		↘		300	Pump 500 gal MUD FLUSH
		6	20		↘		300	Pump 20 BBL KCL FLUSH
	0005	4	30		↘			MIX 125 SX EA2
	0017							WASH OUT Pump & LINES.
	0019	6			↘			START DISPLACING PLUG
	0029	Ø	63		↘		1500	PLUG DOWN PSI up LATCH PLUG IN
	0031							RELEASE PSI - DRY
	0032							DROP DV OPENING TOOL
	0044				↘		1200	OPEN DV.
	0045				//			CIRCULATE
	0052	6	20		↘		150	Pump 20 BBL KCL FLUSH
	0056		7					PLUG RH - 30 SX
	0059	6	122		↘			MIX 220 SX SMD
	0125							WASH OUT Pump & LINES
	0127	6			↘			START DISPLACING CLOSING PLUG
	0134	Ø	40		↘		1500	PLUG DOWN - CLOSE DV.
	0136							RELEASE PSI - DRY
								CIRCULATE CEMENT TO PIT
	0140							WASH TRUCK
	0215							JOB COMPLETE
								THANKS #110
								JASON JEFF ISAAC

DRILL STEM TEST REPORT

Cholla Production, LLC

7851 E Elati St. STE #201
Littleton, Co 80120

ATTN: Bill Goff

25-2S-30W- Decatur, KS

Kyte-Ung #1-25

Job Ticket: 45647 **DST#: 1**

Test Start: 2012.08.18 @ 07:43:00

GENERAL INFORMATION:

Formation: **Toronto - LKC"A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:52:45
Time Test Ended: 13:33:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Kevin Mack
Unit No: 43

Interval: 3774.00 ft (KB) To 3835.00 ft (KB) (TVD)
Total Depth: 3835.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

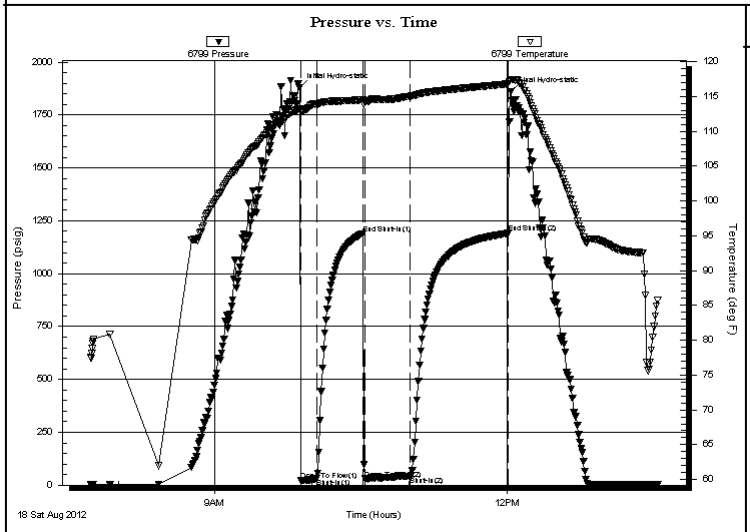
Reference Elevations: 2810.00 ft (KB)
2805.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6799

Press@RunDepth: 42.84 psig @ ft (KB)
Start Date: 2012.08.18 End Date: 2012.08.18
Start Time: 07:43:05 End Time: 13:33:29

Capacity: 8000.00 psig
Last Calib.: 2012.08.18
Time On Btm: 2012.08.18 @ 09:52:00
Time Off Btm: 2012.08.18 @ 12:02:30

TEST COMMENT: 10 - IF- 1/8" Blow died in 4 in.
30 - IS- No Return
30 - FF- No Blow
60 - FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1880.13	113.27	Initial Hydro-static
1	20.88	112.79	Open To Flow (1)
11	31.27	113.86	Shut-In(1)
39	1189.25	114.53	End Shut-In(1)
41	29.38	114.32	Open To Flow (2)
69	42.84	115.02	Shut-In(2)
129	1190.86	116.80	End Shut-In(2)
131	1859.60	117.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100M	0.02

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Cholla Production, LLC

7851 E Elati St. STE #201
Littleton, Co 80120

ATTN: Bill Goff

25-2S-30W- Decatur, KS

Kyte-Ung #1-25

Job Ticket: 45647 **DST#: 1**

Test Start: 2012.08.18 @ 07:43:00

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:	ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.60 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1400.00 ppm				
Filter Cake:	1.00 inches				

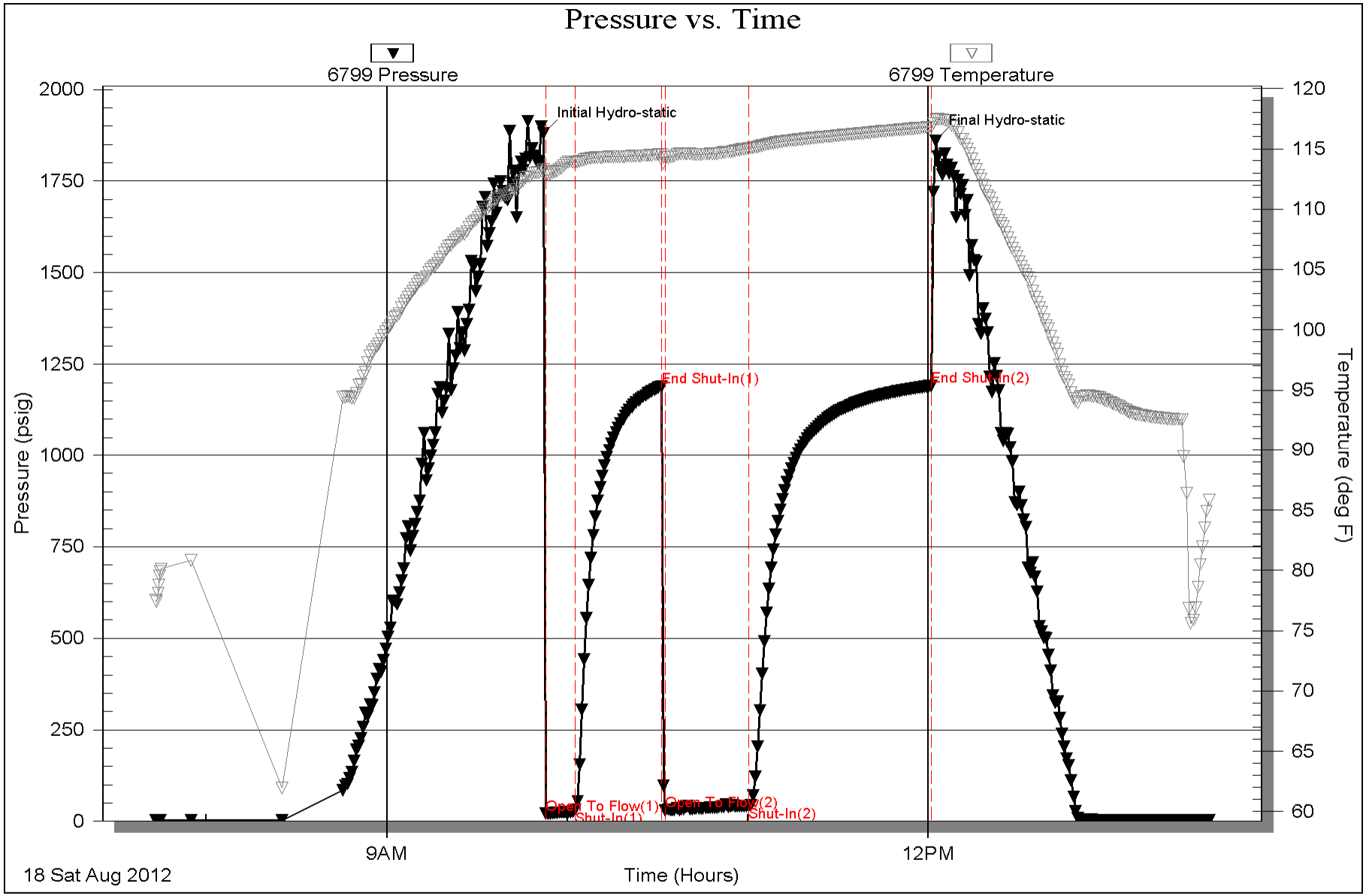
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6799 Pressure
6799 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
2000
1750
1500
1250
1000
750
500
250
0
120
115
110
105
100
95
90
85
80
75
70
65
60
9AM
12PM
18 Sat Aug 2012
Time (Hours)

DRILL STEM TEST REPORT

Cholla Production, LLC

7851 E Elati St. STE #201
Littleton, Co 80120

ATTN: Bill Goff

25-2S-30W- Decatur, KS

Kyte-Ung #1-25

Job Ticket: 45648 **DST#: 2**

Test Start: 2012.08.19 @ 04:35:00

GENERAL INFORMATION:

Formation: **LKC "G"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:01:45
Time Test Ended: 11:58:45

Test Type: Conventional Bottom Hole (Initial)
Tester: Kevin Mack
Unit No: 43

Interval: 3880.00 ft (KB) To 3945.00 ft (KB) (TVD)
Total Depth: 3945.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

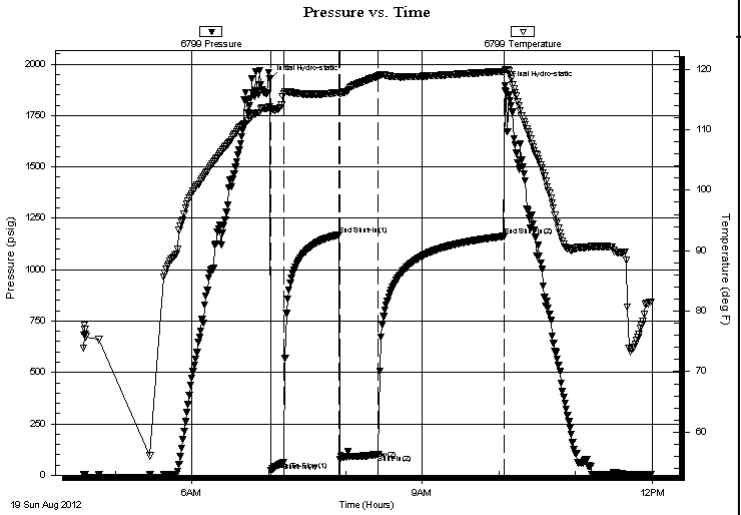
Reference Elevations: 2810.00 ft (KB)
2805.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6799

Press@RunDepth: 102.08 psig @ ft (KB)
Start Date: 2012.08.19 End Date: 2012.08.19
Start Time: 04:35:05 End Time: 11:58:44

Capacity: 8000.00 psig
Last Calib.: 2012.08.19
Time On Btm: 2012.08.19 @ 07:00:45
Time Off Btm: 2012.08.19 @ 10:05:00

TEST COMMENT: 10 - IF- 1/2" Blow built to 3 1/2"
30 - IS- No Return
45 - FF- Surface Blow started at 1 min. Built to 6"
90 - FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1927.66	113.76	Initial Hydro-static
1	24.51	113.25	Open To Flow (1)
11	63.86	115.95	Shut-In(1)
54	1170.08	116.11	End Shut-In(1)
55	77.84	115.92	Open To Flow (2)
85	102.08	118.84	Shut-In(2)
183	1162.17	119.64	End Shut-In(2)
185	1894.98	119.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WM 70M 30W	0.30
110.00	Mud 100M	1.00

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Cholla Production, LLC

7851 E Elati St. STE #201
Littleton, Co 80120

ATTN: Bill Goff

25-2S-30W- Decatur, KS

Kyte-Ung #1-25

Job Ticket: 45648 **DST#: 2**

Test Start: 2012.08.19 @ 04:35:00

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:	20000 ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.60 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1500.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	WM 70M 30W	0.295
110.00	Mud 100M	0.996

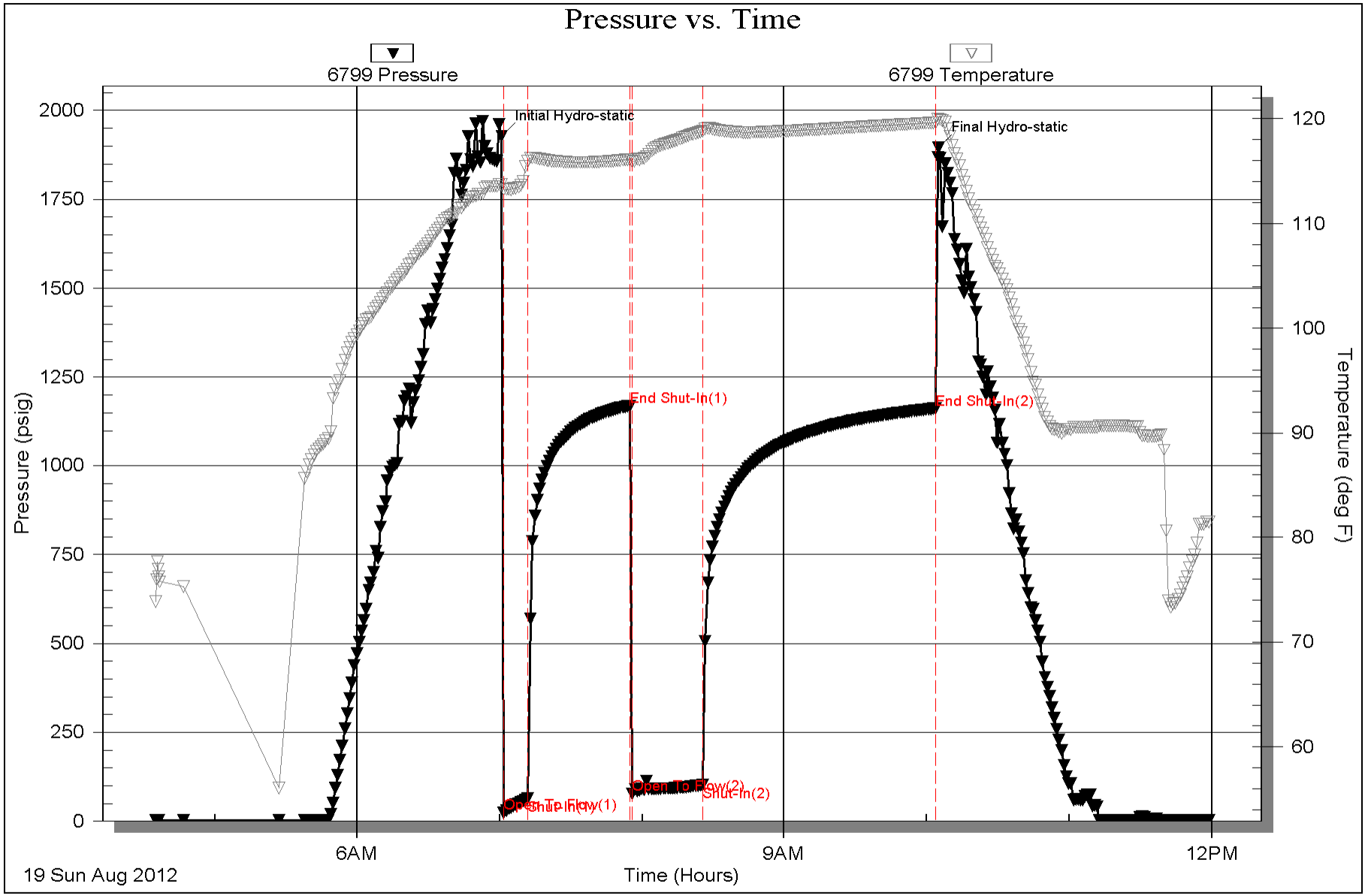
Total Length: 170.00 ft Total Volume: 1.291 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .29 @ 86 deg = 20,000ppm

Serial #: 6799 | Cholla Production, LLC | Kyte-Ung #1-25 | DST Test Number: 2



Trilobite Testing, Inc | Ref. No: 45648 | Printed: 2012.08.19 @ 22:44:16

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

November 27, 2012

Emily Hundley-Goff
Cholla Production, LLC
7851 S ELATI ST STE 201
LITTLETON, CO 80120-8081

Re: ACO1
API 15-039-21155-00-00
Kyte-Ung 1-25
NE/4 Sec.25-02S-30W
Decatur County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Emily Hundley-Goff