Jeff Christian
GEOLOGIST & REPORT
ARCHER CITY, TEXAS
(940) 574-2154
jeff.christian@gmail.com

COMPANY	ARCHER CITY OIL & GAS, LLC
WELL	BOYD UNIT #1
FIELD	WILDCAT
COUNTY	ARCHER
STATE	TEXAS
API #	42-009-51000
LOCATION	1980' FSL & 1980' FEL
SURVEY	SCHOOL LAND
ELEVATION	KB 1000' GL 990'
SPUD	10/24/13
TD	5100'
COMPLETED	10/31/13
CONTRACTOR	JACKSON DRILLING
MUD	FRESH WATER GEL
BIT	7 7/8"
CASING	8 5/8" @ 1200'
CORE	NONE
DST	NONE
LOGS	DIL, DENSITY, SONIC, MICRO

DATE	FOR MD DEPTH	REMARKS
10/24/13	1200'	SPUD @ 2:30 pm
10/25/13	481'	DRLG. on 17.5 deg @ 2500'
10/26/13	2400'	DRLG.
10/27/13	3600'	MIST. dev. 1/2 deg.
10/28/13	3925'	DRLG.
10/29/13	4380'	DRLG. dev. 2 deg. @ 4230'
10/30/13	4780'	DRLG. dev. 2 deg. @ 4730'
10/31/13	4994'	DRLG. dev. 1-1/2 deg. @ 4920'
11/1/13	5100'	TD'd 7:30 P.M. dev. 2 deg.
11/2/13	5100'	RIG UP
11/3/13	5100'	DRLG. dev. 2 deg. @ 5030'
11/4/13	5100'	RTS 10:00 P.M. @ 7:30 pm
11/20/13	5070'	Finish Logging @ 5:15 am

Remarks

The Cotton W-1 3 was declared dry and abandoned.

Electric log measurements correlate 2' to 3' deep compared to rotary measurements.

Samples deposited of the Kansas Geological Survey.

Respectfully Submitted,

Jeff Christian

Jeff Christian

TG	CFGS - TOTAL GAS UNITS	DEPTH	SAMPLE DESCRIPTIONS	REMARKS
		2400		Base IRONSIDE (A22) (-400') Log MDD (-399')
		3600	Dk gray sandy sand dol w/ lt gr ip, tr ch, sh w/ sm sand, tr pyr, tr glau	Ext Trip @ 3600' Log Top Strawn (-3600') Mapp Base BLUFF SHOLE (10/31/13) MH 63, Ms 56, ML1 10, Ch 8.400, LOW 5
			Lt wh sd gray ip, ch, sh, pyr, glau, sm sd, trace, sch w/ sm sh, tr pyr, tr ch	
			Lt wh, lt gr ip, ch, sh, pyr, glau, sm sd, trace, sch w/ sm sh, tr pyr, tr ch	
			Lt w/ lt brown gray ip, ch, sh, pyr, glau, trace sand, sch w/ sm sh, tr pyr, tr ch	
			Lt wh, lt brown, lt brown gray, gray ip, ch, sh, pyr, glau, trace sand, sch w/ sm sh, tr pyr, tr ch	
			Lt w/ sm lt brown, gray, lt brown, lt brown gray, gray ip, ch, sh, pyr, glau, trace sand, sch w/ sm sh, tr pyr, tr ch	
			Lt w/ sm