



KANSAS CORPORATION COMMISSION 1067246  
OIL & GAS CONSERVATION DIVISION

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 # 5399  
Name: American Energies Corporation  
Address 1: 155 N MARKET STE 710  
Address 2: \_\_\_\_\_  
City: WICHITA State: KS Zip: 67202 + 1821  
Contact Person: Mindy Wooten  
Phone: (316) 201-1134  
CONTRACTOR: License # 5123  
Name: Pickrell Drilling Company, Inc.  
Wellsite Geologist: David Barker  
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  
 Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

10/17/2011	10/26/2011	10/27/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-151-22382-00-00

Spot Description: \_\_\_\_\_

S2 NW SW Sec. 19 Twp. 29 S. R. 11  East  West  
1650 Feet from  North /  South Line of Section  
660 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Pratt

Lease Name: Blackwelder Well #: 1-19

Field Name: \_\_\_\_\_

Producing Formation: None

Elevation: Ground: 1864 Kelly Bushing: 1874

Total Depth: 4720 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 330 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ 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: 39000 ppm Fluid volume: 1800 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrisor Date: 11/15/2011



1067246

Operator Name: American Energies Corporation Lease Name: Blackwelder Well #: 1-19  
 Sec. 19 Twp. 29 S. R. 11  East  West County: Pratt

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Micro Log Dual Induction Log Compensated Density/Neutron Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	8.6250	20	330	60/40 Poz	255	2% Gel, 3% CC

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	-			

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

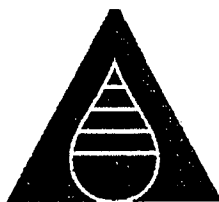
TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Energies Corporation
Well Name	Blackwelder 1-19
Doc ID	1067246

Tops

Name	Top	Datum
Onaga Shale	2725	-851
Wabaunsee	2818	-944
Stotler Lime	2947	-1083
Howard	3178	-1304
Topeka	3327	-1453
Kanwauka Shale	3500	-1626
Elgin	3472	-1498
Heebner Shale	3696	-1822
Lower Douglas Sand	3842	-1968
Brown Lime	3864	-1988
Stark Shale	4165	-2291
Hush Shale	4198	-2324
Cherokee Shale	4278	-2404
Mississippian	4350	-2476
Viola	4499	-2625
Base Viola	4590	-2716
Simpson Sand	4609	-2735
Arbuckle	4696	-2822



**American Energies**  
Corporation

155 N. Market, Suite 710, Wichita, KS 67202  
316-263-5785, 316-263-1851 fax

**DRILLING REPORT**  
**Blackwelder 1-19**

**AEC'S LEASE#:** 10761159

**LOCATION:** S/2 NW SW Sec. 19-T29S-R11W **SURFACE CASING:** 8 5/8" 20# set @ 330'

**COUNTY:** Pratt

**PRODUCTION CASING:**

**API:** 15-151-22382-0000

**PROJECTED RTD:** 4700'

**CONTRACTOR:** Pickrell Drilling, Inc.

**G.L.:** 1864 **K.B.:** 1874

**GEOLOGIST:** David Barker - 259-4294

**SPUD DATE:** 10/17/11

**NOTIFY:**

**COMPLETION DATE:**

American Energies Corp.

**REFERENCE WELL:**

Alan L. DeGood Family Trust

Dianne Y. DeGood Family Trust

Geoffrey Charles and Beth Ann Shafer

AEC's Murphy 1-25

Hyde Resources, Inc.

S/2 SW NE SE Section 25-T29S-R12W, Pratt Co.

Debbie Schmidt, LLC

~~Carl Dudley Production, Fax Report to: 620-549-6221~~

Buffalo Creek Oil and Gas, LLC

FORMATION:	SAMPLE LOG:	COMPARISON:	ELECTRIC LOG TOPS:	COMPARISON:
		Murphy 1-25		Murphy 1-25
Onaga Shale	2780	-906	-6	2725 -851 +9
Wabaunsee	2820	-946	Flat	2818 -944 +8
Stotler Lm	2964	-1090	Flat	2947 -1083 +6
Howard	3177	-1303	+12	3178 -1304 +11
Topeka	3322	-1448	+15	3327 -1453 +10
Kanwauka Sh	3502	-1628	+6	3500 -1626 +8
Elgin	3472	-1498	+8	3472 -1498 +8
Heebner Sh	3697	-1823	+3	3696 -1822 +3
Lower Douglas Sd	3839	-1964	+2	3842 -1968 -1
Brown Lm	3864	-1990	+6	3864 -1988 +8
Stark Shale	4168	-2294	+14	4165 -2291 +17
Hush shale	4200	-2326	+14	4198 -2324 +16
Cherokee Shale	4280	-2406	+14	4278 -2404 +16
Mississippian	4350	-2476	+14	4350 -2476 +14
Viola	4504	-2630	+12	4499 -2625 +17
Base Viola	4580	-2706	-1	4590 -2716 -11
Simpson Sand				4609 -2735 -9
Arbuckle				4696 -2822 -15
RTD	4720			
LTD	4722			

10/17/11 Pickrell Drilling, Rig #1, MIRT, RURT, Spud at 9:45 p.m. Drilled 12 1/4" surface hole to 335' KB. SHT @ 335' = 3/4 degree. Ran in 7 jts New 8 5/8" 20# surface casing set @ 330' (tally was 318'), cemented w/255 sx of 60/40 poz, 2% gel, 3% CC. PD 4:00 a.m. 10/18/11. CDC. Allied#037745.

10/18/11 At 330' and WOC.

10/19/11 At 1255' and drilling ahead. SHT @ 845 = 3/4 degree.

10/20/11 At 2222' and drilling ahead. Made bit trip @ 1817'. SHT @ 1817' = 1/2 degree.

10/21/11 Drlg. ahead @ 2980'. SHT @ 2897' = 1/4°.

- 10/22/11 At 3524' and testing.  
Results DST #1: 3472 to 3524' Elgin Sand, Times: 30, 60, 30, 60  
IF: strong blow BOB 1 min,  
ISIP: no blow back,  
FFP: strong blow BOB 30 sec,  
FSI: weak blow back  
REC: 1736 GIP, 60' watery mud (5% water and 95% mud), 120' muddy water (85% water 15% mud)  
Chlorides 50,000 ppm, BHT: 112°  
IHP: 1604 to 1502#  
IFP: 31 to 92# & 69 to 82#  
BHP: 1076# to 997#
- 10/23/11 At 3862' and drilling ahead.  
10/24/11 At 4335' and drilling ahead.  
10/25/11 At 4628' and drilling ahead.  
10/26/11 At 4720' and evaluating electric logs. RTD: 4720', LTD: 4722'. Wellsite Geologist - circulated top 12' of Simpson Sand @ 4622' - no show, no gas increase from this interval.

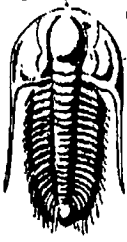
We will be running a Straddle Drillstem Test over the Lower Douglas Sandstone from 3842 - 3850'. We had a 200 unit gas kick on the Hot Wire, however, there were no shows in the sample gas bubbles, or odor. The zone calculates 40% SW on the logs, with mudcake.

- 10/27/11 Ran Straddle test DST #2 3842 - 3850' (Lower Douglas Sandstone). Times: 45-60-45-90. Recovered 80' GCM (40% Gas, 60% Mud), IHP: 1852, IFP: 45-33, ISIP: 1128, FFP: 45-52, FSIP: 1241, FHP: 1817.

Plugging information as follows: 50 sx @ 4694', 50 sx @ 660', 50 sx @ 360', 20 sx @ 60', 30 sx in RH, 20 sx in MH of 60/40 Poz, 4% gel, w 1/4# Floseal/sx. Allied Ticket # 037823. Plugging completed at 2:00 p.m. on 10/27/11. Plugging permission granted from Mike Maier on 10/24/11 at 9:15 a.m.







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

American Energies Corporation  
155 N Market  
Ste 710  
Wichita KS 67202  
ATTN: Karen Houseberg/ Dav

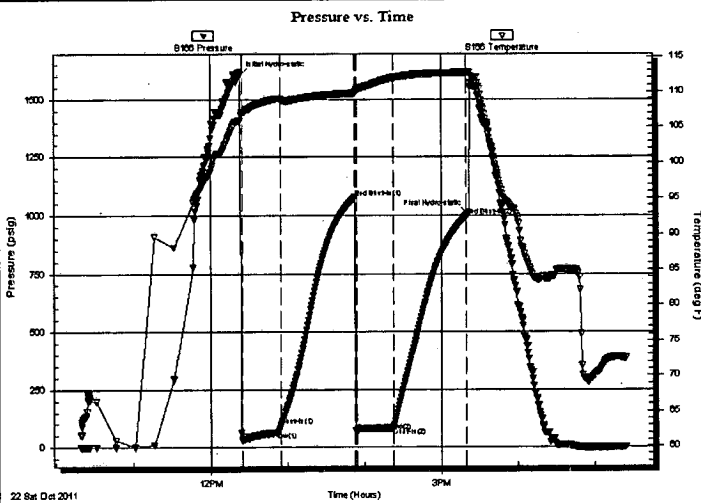
**19-29s-11w**  
**Blackwelder # 1-19**  
Job Ticket: 44069 **DST#: 1**  
Test Start: 2011.10.22 @ 10:19:50

### GENERAL INFORMATION:

Formation: **ELGIN**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 12:25:05  
Time Test Ended: 17:24:20  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Chris Staats  
Unit No: 34  
Interval: **3472.00 ft (KB) To 3524.00 ft (KB) (TVD)**  
Reference Elevations: 1875.00 ft (KB)  
Total Depth: 3542.00 ft (KB) (TVD) 1865.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

**Serial #: 8166 Outside**  
Press@RunDepth: 82.82 psig @ 3473.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.10.22 End Date: 2011.10.22 Last Calib.: 2011.10.22  
Start Time: 10:19:55 End Time: 17:24:19 Time On Btm: 2011.10.22 @ 12:23:20  
Time Off Btm: 2011.10.22 @ 15:20:50

**TEST COMMENT:** IF: Strong blow BOB 1 min  
IS: No blow back  
FF: Strong blow BOB 30 sec  
FSI: Weak blow 3/4"



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.80	105.84	Initial Hydro-static
2	31.76	107.09	Open To Flow (1)
32	92.03	108.94	Shut-In(1)
90	1076.08	109.79	End Shut-In(1)
91	69.62	110.19	Open To Flow (2)
120	82.82	111.98	Shut-In(2)
177	997.44	112.70	End Shut-In(2)
178	1002.97	112.71	Final Hydro-static

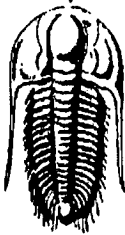
### Recovery

Length (ft)	Description	Volume (bbl)
0.00	1736' GIP	0.00
60.00	Watery Mudd 5% water 95% mud	0.30
120.00	Muddy Water 15% mudd 85% w ater	1.12

### Gas Rates

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Energies Corporation

**19-29s-11w**

155 N Market

**Blackwelder # 1-19**

Ste 710

Job Ticket: 44069

**DST#: 1**

Wichita KS 67202

ATTN: Karen Houseberg/ Dav

Test Start: 2011.10.22 @ 10:19:50

### 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:

50000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.02 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1736' GIP	0.000
60.00	Watery Mudd 5% w ater 95% mud	0.295
120.00	Muddy Water 15% mudd 85% w ater	1.118

Total Length:

180.00 ft

Total Volume:

1.413 bbl

Num Fluid Samples: 0

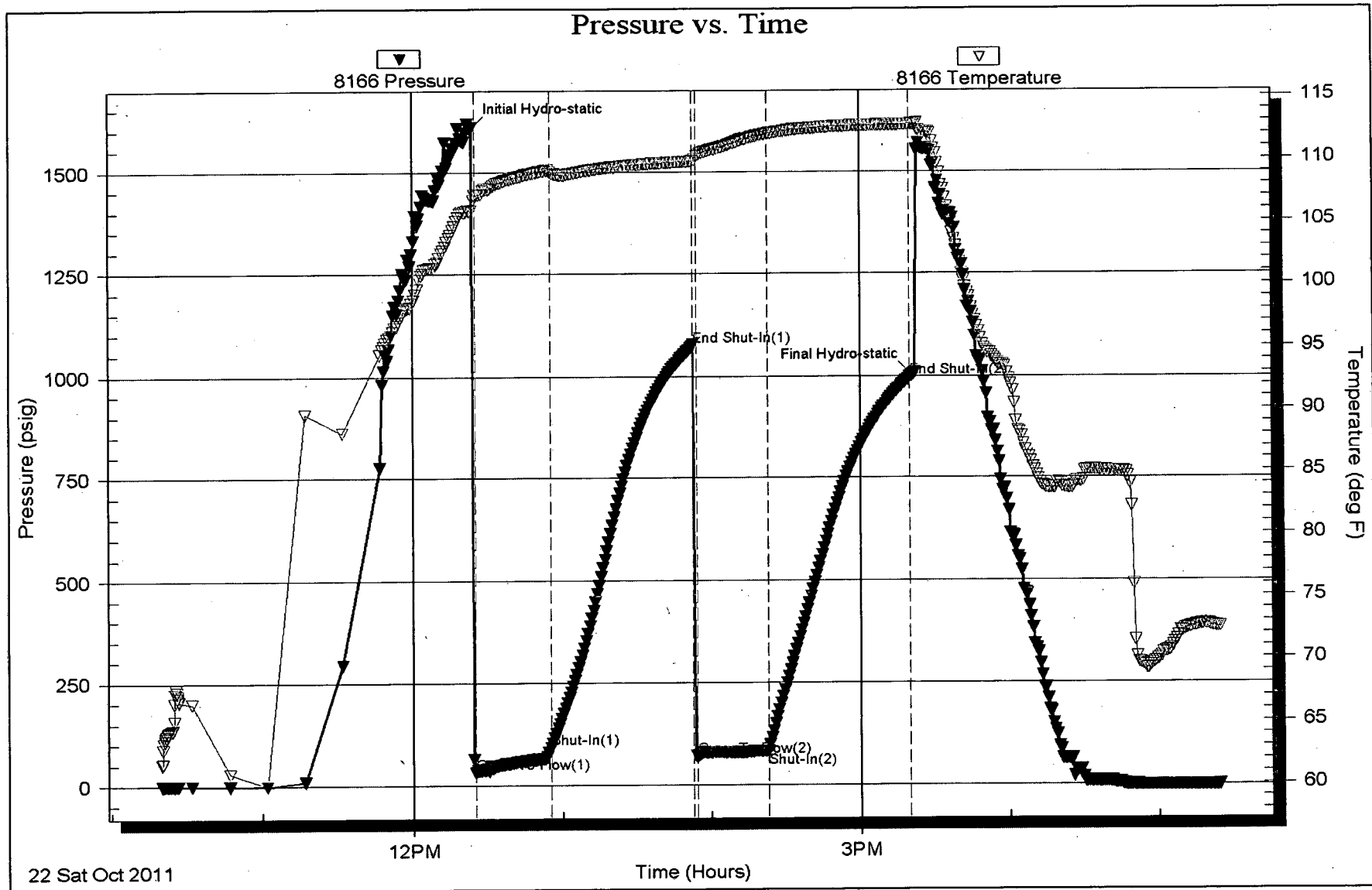
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



## GENERAL INFORMATION

### Client Information:

Company: AMERICAN ENERGIES

Contact: ALAN DeGOOD

Phone: Fax: e-mail:

### Site Information:

Contact: DAVE BARKER

Phone: Fax: e-mail:

### Well Information:

Name: BLACKWELD 1-19

Operator: AMERICAN ENERGIES

Location-Downhole:

Location-Surface: S19/29S/11W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: DAVE BARKER

Test Type: CONVENTIONAL

Job Number: D1046

Test Unit:

Start Date: 2011/10/26

Start Time: 16:00:00

End Date: 2011/10/27

End Time:

Report Date: 2011/10/27

Prepared By: JOHN RIEDL

### Remarks:

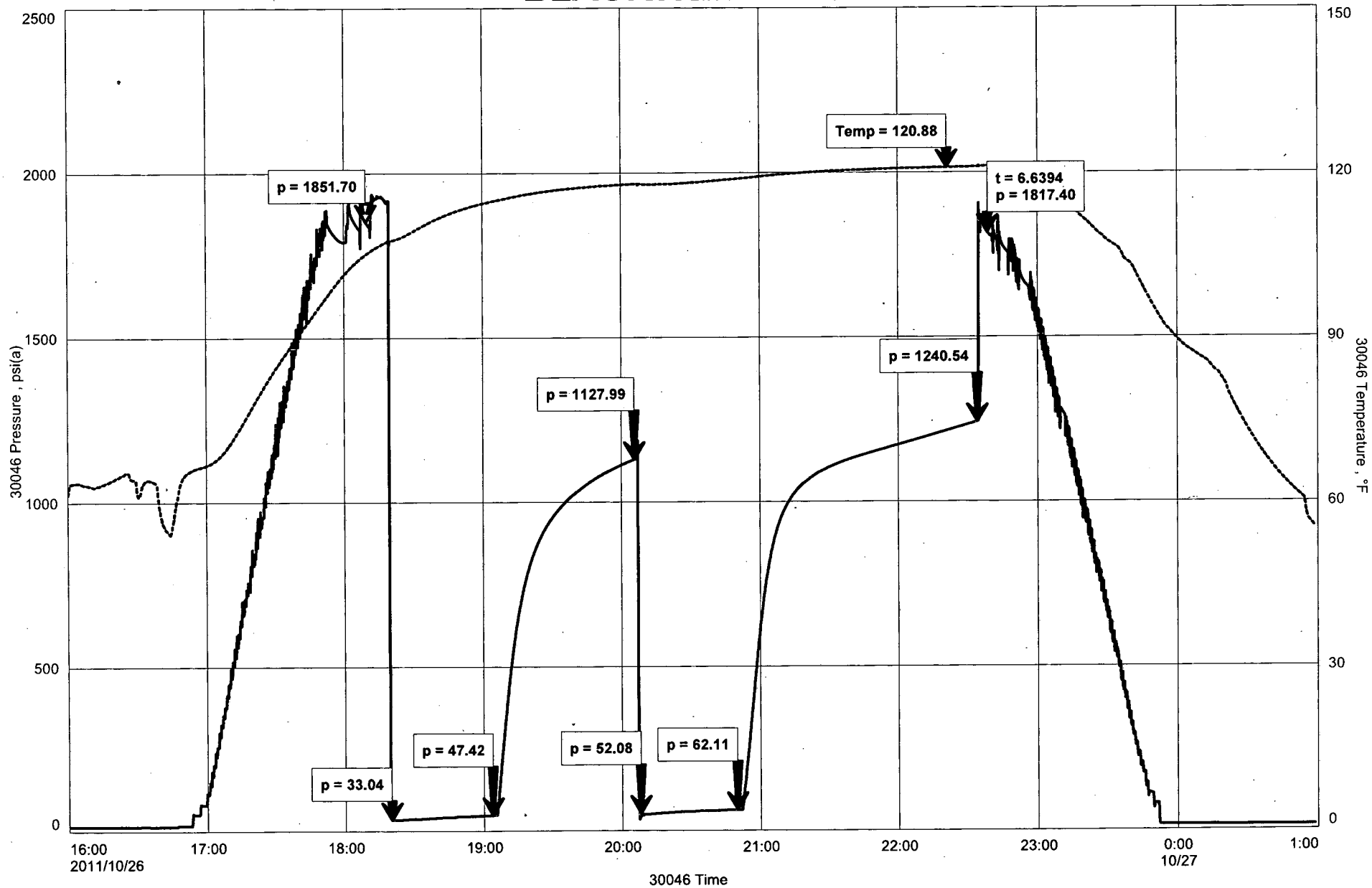
Qualified By: DAVE BARKER

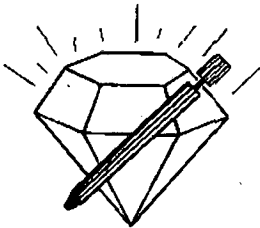
RECOVERY: 80' GAS CUT MUD

AMERICAN ENERGIES  
Start Test Date: 2011/10/26  
Final Test Date: 2011/10/27

BLACKWELD 1-19  
Formation: DOUGLAS  
Job Number: D1046

# BLACKWELD 1-19





# DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 16:00 10/26/11

OFF 02:00 10/27/11

## DRILL-STEM TEST TICKET

STC/Blackwelder1-19dst1

Company AMERICAN ENERGIES Lease & Well No. BLACKWELDER 1-19  
 Contractor PICKRELL DRLG RIG 1 Charge to AMERICAN ENERGIES  
 Elevation 1875 K.B Formation DOUGLAS Effective Pay \_\_\_\_\_ Ft. Ticket No. D1046  
 Date 10/26/11 Sec. 19 Twp. 29 S Range 11 W County BARBER State KANSAS  
 Test Approved By DAVE BARKER Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 3842 ft. to 3852 ft. Total Depth 4720 ft.  
 Packer Depth 3847 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 3852 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number 30046 Cap. 60001 P.S.I.  
 Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number 11073 Cap. 4000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number 11017 Cap. 4000 P.S.I.

Mud Type CHEMICAL Viscosity 47 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
 Weight 9.3 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 7,000 P.P.M. Drill Pipe Length 3690 ft. I.D. 3 1/2 in.  
 Jars: Make BOWEN Serial Number #2 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 10 ft. Size 4 1/2-FH in.  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG (B.O.B 1 MINUTE) NO BB  
 2nd Open: STRONG (B.O.B IMMEDIATE) NO BB

Recovered 80 ft. of GCM (40%GAS 60%MUD)

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: TOTAL FLUID RECOVERY: 80' (80' IN DRILL COLLARS)

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 7:20 P.M <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 4720 <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 121

Initial Hydrostatic Pressure ..... (A) 1852 P.S.I.  
 Initial Flow Period ..... Minutes 45 (B) 33 P.S.I. to (C) 47 P.S.I.  
 Initial Closed In Period ..... Minutes 60 (D) 1128 P.S.I.  
 Final Flow Period ..... Minutes 45 (E) 52 P.S.I. to (F) 62 P.S.I.  
 Final Closed In Period ..... Minutes 90 (G) 1241 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 18171 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.