### KANSAS CORPORATION COMMISSION OIL & GAS DIVISION

ORIGINAL Form ACO-1
September 1999
Form Must Be Typed

CONSERVATION DIV(\$,50) WICHITA, KS

# WELL COMPLETION FORM **WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License	# 5399	API NO. 15 - 095-01333-0001
Name:	American Energies Corporation	County: Kingman TWP: 285
Address:	155 North Market, Suite 710	SW NE - SE - Sec. 12 S. R. 28-7W East X West
City/State/Zip:	Wichita, KS 67202	1650' FSL feet from S(I) (circle one) Line of Section
Purchaser:		990' FEL feet from EVV (circle one) Line of Section
Operator Contact F	Person: Alan L. DeGood	Footages Calculated from Nearest Outside Section Corner:
Phone: (316)	(316) 263-5785	(circle one) NE SE NW SW
Contractor: Name:	Pickrell Drilling Company, Inc.	Lease Name: Sparks OWWO Well #: 1
License:	5123	Field Name: Wildcat
Wellsite Geologist:	David Goldak	Producing Formation: Mississippian
Designate Type of	Completion:	Elevation: Ground: 1489' Kelly Bushing: 1499'
Nev	v Well X Re-Entry Workover	Total Depth: 4194' Plug Back Total Depth: 4194'
Oil	SWD SIOW Temp. Abd	Amount of Surface Pipe Set and Cemented at 8 5/8" @ 198 Feet
X Gas	ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
Dry	Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
	try: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	04 0-4 04 61	feet depth to w/ sx cmt.
Well Name:		W SA CITE.
	3/./	Drilling Fluid Management Plan OWWO - AIT I NER
Original Comp. Dai	te: 3/23/62 3/11/602ginal Total Depth: 2900'	Drilling Fluid Management Plan OWWO - AIT I NCC   (Data must be collected from the Reserve Pit) 2-27-09
XDee	epeningRe-perf Conv. To Enhr/SWD	
Plug	g Back 4194' Plug Back Total Depth	Chloride content 31000 ppm Fluid volume 1,800 bbls
Con	nmingled Docket No.	Dewatering method used Evaporation
Dua	al Completion Docket No.	Location of fluid disposal if hauled offsite:
Othe	er (SWD or Enhr.?) Docket No.	Operator Name: American Energies Corporation
	· · · · · · · · · · · · · · · · · · ·	Lease Name: Greenleaf Ranch SWD License No.: 5399
9/30/2008 Spud Date or	10/06/08 10/20/08  Date Reached TD Completion Date or	
Recompletion Da	ate Recompletion Date	Quarter NW Sec 7 Twp 28 S. R. 6 East vV West
		County: Kingman Docket No.: D17279
		- Societies - Street
INSTRUCTIONS:	An original and two copies of this form shall be filed with Kansas C	orporation Commission, 130 S. Market - Room 2078, Wichita,
	hin 120 days of the spud date, recompletion, workover or conversi two of this form will be held confidential for a period of 12 months	Management and the contract of the second of
107 for confidentia	lity in excess of 12 months). One copy of all wireline logs and geo	logist well report shall be attached with this form. ALL CEMENTING
	E ATTACHED. Submit CP-4 form with all plugged wells. Submit C	
	f the statutes, rules and regulations promulgated to regulate the oil te and correct to the best of my knowledge.	and gas industry have been fully complied with and the statements
	Mar 11) 91 []	
Signature:	Ovan Kuxust	KCC Office Use ONLY
Title: Alar	n L. DeGood, President Date: 1/14/2009	Letter of Confidentiality Attached
Subscribed and sw	orn to before me this 14th day of January	, If Denied, Yes Date:
2009		Wireline Log Received
	Q.12 0:0 x	
Notary Public:	- receipt and the	Geologists Report Received RECEIVEL, KANSAS CORPORATION CORPORATIO
Date Commission I	Expires: Melinda S. Wooten, Notary Exp. 3/12/12	UIC Distribution
	MELINDA 8, WOOTEN	JAN 1 5 2009

	American Ener	gies Corporation		Lease Name:	Sparks OWWO	We/	1: <u>1 Jan</u>	1
Sec. <u>12</u>	2 Twp28	s. r. <u>7W</u>	$\square$	Vest County:	Kingman	·	·	
test, time tool open and temperature, fluid reco	d closed, flowing and very, and flow rates	t bas of formations pene d shut-in pressures, whe if gas to surface test, ald al geological well site rep	ther shut-in pressiong with final char	ure reached static I	evel hydrostatic pressu	res, bottom hole		
Drill Stem Tests Taken (Attach Additional		X Yes	☐ No	X Log Fo	rmation (Top), Depth ar	nd Datum Top	X Sample Datum	•
Samples Sent to Geolo	gical Survey	X Yes	No	See at	tached Drilling Repo	ort		
Cores Taken	\	Yes	X No					
Electric Log Run Yes N (Submit Copy)	lo	<b>√</b> x Yes	∐ No			_		
List All E. Logs Run:							ECEIVED PORATION COM	لاستديالا
Dual In Compe	duction ensated Density/fement Bond	Neutron				JAN	1 1 5 2009	1
Some Ge	sment bond					CONSE	RVATION UNION	.ر.
			SING RECORD	New	Used ediate, 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 F	
	Dillied	Set (III O.D.)	LUS. 7 Ft.	Бери	Cement	Useu	Additives	·
Surface	12 1/4"	8"	23#	198	60/40 poz	125	2% gel, 3% (	cc
Production	7 7/8"	4 1/2"	10.5#	3997'	ASC	150	500 gallons	ASF MF
		AD	DITIONAL CEME	NTING / SQUEEZE	RECORD	·	5% KC/sx+5	% FL,7%
Purpose: Perforate	Depth Top Bottom	Type of Cemen	t #Sacks Us				Gas blocker	
Protect Casing	1							
Protect Casing Plug Back TD				<del> </del>				
Plug Back TD		IN RECORD - Bridge Plantage of Each Interval P				Shot, Cement Squ		Denti
Plug Back TD Plug Off Zone Shots Per Foot	Specify For	otage of Each Interval Po			(Amount and	Kind of Material U		Depti
Plug Back TD Plug Off Zone	Specify For				(Amount and	Kind of Material U		Dept
Plug Back TD Plug Off Zone Shots Per Foot	Specify For	otage of Each Interval Po			(Amount and 500 gallons	Kind of Material U s 15% FE LG 2,500 frac	sed)	
Plug Back TD Plug Off Zone Shots Per Foot	Specify For	otage of Each Interval Po			(Amount and 500 gallons	Kind of Material U	sed)	
Plug Back TD Plug Off Zone Shots Per Foot	Specify For	otage of Each Interval Po			(Amount and 500 gallons	Kind of Material U s 15% FE LG 2,500 frac	sed)	
Plug Back TD Plug Off Zone Shots Per Foot	Specify For 3848-3	etage of Each Interval Posts 1852 - Mississippian  Set At Page	erforated C	Liner Rui	(Amount and 500 gallons Fraced with 20,500# sand	Kind of Material U s 15% FE LG 2,500 frac d and 420 bbls fluid	sed)	
Plug Back TD Plug Off Zone  Shots Per Foot  4 SPF	Specify Foo 3848-3 Size 2 3/8"	Set At Pac	cker At	Liner Rui	(Amount and 500 gallons Fraced with 20,500# sand	Kind of Material U s 15% FE LG 2,500 frac	sed)	
Plug Back TD Plug Off Zone  Shots Per Foot  4 SPF  TUBING RECORD  Date of First, Resumed	Size 2 3/8"	Set At Pac	cker At	Liner Rui	(Amount and 500 gallons Fraced with 20,500# sand	Kind of Material U s 15% FE LG 2,500 frac d and 420 bbls fluid	sed)	
Plug Back TD Plug Off Zone  Shots Per Foot  4 SPF  TUBING RECORD  Date of First, Resumed  Estimate Production	Specify For 3848-3  Size 2 3/8"  1 Production, SWD of CU/09  Oil	Set At Pace 3724'  Bbls Giron-	cker At	Flowing	(Amount and 500 gallons Fraced with 20,500# sand Yes Pumping Bbls 2	Kind of Material U s 15% FE LG 2,500 frac d and 420 bbls fluid	g Other	3848-3
Plug Back TD Plug Off Zone  Shots Per Foot  4 SPF  TUBING RECORD  Date of First, Resumed	Size 2 3/8"	Set At Pace 3724'  Bbls Giron-	cker At 3724' Method	Flowing Water	(Amount and 500 gallons Fraced with 20,500# sand	Kind of Material U s 15% FE LG 2,500 frac d and 420 bbls fluid	Other	3848-3



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

## AMERICAN ENERGIES CORPORATION **DRILLING REPORT SPARKS #1 OWWO**

LEASE #:

10481265

LOCATION:

SW NE SE Section 12-T28S-R7W

COUNTY:

Kingman 15-095-01.333 Pickrell Drilling

CONTRACTOR: GEOLOGIST:

**NOTIFY:** 

Doug Davis

American Energies Corp

Dianne Y. DeGood Family Trust Hyde Resources, Inc.

Lario Oil and Gas Company Mohican Petroleum, Inc. Stump Properties, LP

SURFACE CASING: 8 5/8"

PRODUCTION CASING: PROJECTED RTD: 3900' K.B.: 1499'

G.L.: 1489' SPUD DATE: 9/30/08

**COMPLETION DATE:** 

**REFERENCE WELLS:** 

#1: AEC's #4 Greenleaf - Sec. 7-T28S-R6W #2: AEC's #6 Dye - Sec. 13-T28S-R7W

FORMATION:	SAMPLE LOG:			ELECTRIC LOG TOPS:					
	COM		COMP	OMPARISON:			COMPARISON:		
			#1	#2			#1	#2	
Brown Limestone	3115	-1616	-9	+2	3112	-1613	-6	+5	
Lansing	3124	-1625	-6	+4	3123	-1624	-5	+5	
Swope	3498	-1999	-3	+8	3498	-1995	-3	+8	
Hertha	3533	-2034	-3	+10	3531	-2032	-1	+12	
B/KC	3602	-2103	-2	+14	3598	-2099	+2	+18	
Cherokee	3740	-2241	+12	-1	3738	-2239	+1	+14	RECEIVLU
Mississippian	3846	-2651	+16	+2	3846	-2347	Flat	+16	KANSAS CORPORATION CORMODIOS
Kinderhook	4150	-2651	NDE	NDE	4150	-2651	NDE	NDE	TOTAL CONTRACTOR
RTD	4194								JAN 15 2009
LTD	1101								JAN 15 2009

9/29/08 MIRT & RURT

LTD

CONSERVATION DIVISION WICHITA, KS

9/30/08 Spud @ 7:00 a.m. Began washing down.

4194

10/01/08Reached TD @ 12:10 a.m. (RTD: 2908'). SHT @ 2904' = 1 degree. Made bit trip. Going back on bottom. Will mix mud, displace and begin drilling hole deeper.

10/02/08Drilling deeper @ 3250'.

10/03/08At 3600' and drilling ahead at 7:00 a.m.

10/04/08Running DST #1 3850 - 3862' (Mississippian Chert). Times: 30-60-45-75. 1st opening - strong blow off bottom in 6 seconds - GTS on 1/4" choke. In 10" - gauged 47 MCF, 20" - 48 MCF, 30" - 50 MCF, 2<sup>nd</sup> opening – GTS immediately. In 10" – 55 MCF, 30" – 52 MCF, 45" – 51 MCF. Recovered 220' GCWM. ISIP: 1288, FSIP: 1278, IFP: 90-93, FFP: 92-101, IHP: 1789, FHP: 1749.

10/05/08 Drilling ahead @ 4040'.

10/06/08RTD - 4194'. Ran E-logs. LDDP to run 4 ½" production casing. Formation contains 62' chert, 20' of pay with 36% cross-plot porosity. Ran 95 its new 4 ½" 10.5# production casing set @ 3997'. Cemented with 500 gallons ASF MF ahead of 150 sx ASC cement, 5# KC/sx, +5% FL-160, & .7% gas block. Cementing by Allied - Ticket #32504. Cement held. PD @ 2:45 p.m. 10/6/08. Released rig. Final Drilling Report.

#### **COMPLETION INFORMATION**

- 10/20/08MI AEC Workover Rig #2. Put on head, 4 ½" to 2 3/8". Log Tech ran bond log. Perforated 3848 3852 with 4 SPF, 16 shots (Mississippian). TIH with 4 ½" packer and 117 jts, packed well off. Rigged over to swab. Swabbed 4:30 to 6:30 of gas. Swabbed fluid down to 3000'. Show of gas after swab. SION
- 10/21/08Opening CP: 320, TP: 320. Had gas leaks on casing head, blew down well. Ran 1 10' jt sub to 3832'. Repaired all leaks. Went back in with swab. Had 100' fluid. Shut in casing and tubing. Got gas trailer, hooked up to test well. Hooked up gas test back pressure valve was not working. Installed new back pressure valve. SION. Pressures at time of shut-in 800 CP, 700 TP.
- 10/22/08 Opening CP: 1080, TP: 950. Started testing well. After blowing off head gas and leveling off well. Hooked up to gas testing trailer, blew down to 900#, started testing.

	CP	TP	Recovered	Fluid
l <sup>st</sup> hour –	900	440	76 MCF	1/2 BF/H
2 <sup>nd</sup> hour —	870	440	76 MCF	½ BF/H
3 <sup>rd</sup> hour -	850	410	76 MCF	½ BF/H
4 <sup>th</sup> hour -	825	400	76 MCF	1/2 BF/H
Turned gas down to 70 MC	CF/D			
5 <sup>th</sup> hour -	800	385	70 MCF	½ BF/H
6 <sup>th</sup> hour -	790	380	68 MCF	1/2 BF/H
7 <sup>th</sup> hour -			65 MCF	1/2 BF/H
8 <sup>th</sup> hour-			59 MCF	1/4 BF/H
9 <sup>th</sup> hour -			42 MCF	1/4 BF/H

10/23/08 Choke mostly froze off – selling 19 MCF, 1100# CP, 660# on TP. Made ½ BF over night.

10/24/08Opening Pressures - 1,000 CP, 440# TP, Selling 24 MCF PD.

10/27/08Over weekend – averaging 19 MCFPD. Will shut-in today.

10/30/08 Moved in American Energies Rig #2, rigged up. Acidized with 500 gal. 15% Fe w/Basic Acid Service. Got acid on bottom, packer at 3830'. Got acid on bottom. Started at 1-1/2 bpm at 200#. Slowly increasing to 700#, over flushed w/3bbls. ISIP 300#, vacuum in 4 min. Total load 56 bbls. Started swabbing.

1<sup>st</sup> swab – Fluid 200' from surface.

1<sup>st</sup> hour – Swabbing fluid 1600' from surface.

2<sup>nd</sup> hour – Swabbing fluid 2600' from surface.

3<sup>rd</sup> hour – Swabbing fluid 3400' from surface

11/05/08 Waiting on equipment – estimate production between 40 – 45 MCFPD, 2 BWPD.

11/19/08Pulled 3 jts 2 3/8" and set packer at 3724'. Well is set to be fraced on 12/5/08

RECEIVED
KANSAS CORPORATION COMPANY TO THE

JAN 15 2009

CONSERVATION DIVIS 5 WICHITA, KS

12/04/08Frac costs: \$17,639.00

Hooked up Basic Energy and proceeded with LG 2,500 frac. Fraced with 20,500# sand and 420 bbls fluid.

Average pressure was 1500# at 7 BPM.

Shut-in pressure was 1170#

After 5 minutes - SI pressure - 995#,

After 10 minutes - SI pressure - 867#

After 15 minutes - SI pressure - 791#.

SION

12/09/08Rigged up American Energies Rig #2 to pull tubing and packer. Opened tubing – had 1100# TP. Hooked up choke and hose to blow to pit.

Opened choke to 16/64, and after 10minutes, pressure @ 750# and now flowing fluid back.

After 1 hour - choke set @ 18/64 - pressure @ 810# - flowing back remainder of the day

Well flowing about 100 MCF daily and 100 bbls fluid. Have 350 bbls of frac fluid to recover.

Will flow overnight. If still flowing in the morning, will hook up gas testing trailer.

Sparks #1 OWWO Page - Three

12/10/08 Choke froze off overnight. Moved gas testing trailer in and hooked up. Tubing Pressure @ 1200#. Started test – choke set @ 12/64.

After 2 hours - TP: 840# - Testing 250 MCF, making 100 bbls fluid.

After 6 hours - TP: 840# - Testing 250 MCF, making 100 bbls fluid. Will test overnight.

Preparing to lay waterline and gas pipeline.

12/11/08Choke was freezing off, only testing 55 MCF, TP: 1075#, opened choke and got well flowing. Testing @ 250 MCF for 3 hours, making 100 bbls fluid. Shut in well. Will leave packer set. Will need heated choke. Will hook up well next week. Will be running 4-point test.

### 1/08/09 4 Point test Results as follows: (Shut-In Tubing Pressure – 1205#, packer in hole – Casing Pressure – 0#)

Orifice Size	Time	TP	Rate	Notes
1 1/4"	2 hours	1165#	635 MCF/D	
1 1/4"	2 hours	1095#	600 MCF/D	
1 1/4"	2 hours	935#	560 MCF/D	
1 1/4"	2 hours	915#	495 MCF/D	Produced 1 bbl of saltwater in 8 hours Left flowing @ 250 MCF/D

#### 1/09/09 Well went online

Production – MCF	Water TF	Notes
1/10/09 0	-0-	Compressor Down
1/11/09 250 MCF	2 bbls 96	0# Water disposing into Greenleaf Ranch SWD
1/12/09 250 MCF	2 bbls 966	0#

RECEIVE KANSAS CORPORATION COMMISSED

JAN 15 2009

CONSERVATION DIVISION WICHITA, KS



24 S. Lincoln Street P.O. Box 31 Russell, KS 67665-2906

Voice:

(785) 483-3887

Fax:

(785) 483-5566

Mr. 1/2/04

American Energies Corp. 155 N. Market Ste. #710 Wichita, KS 67202

# **INVOICE**

Invoice Number: 116501

Invoice Date: Oct 6, 2008

Page: 1

Customer ID	Well Name/# or Customer P.O.	Paymen	t Terms
Am Eng	Sparks #1-OWWDO	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS2	Medicine Lodge	Oct 6, 2008	11/5/08

Quantity	💃 Utem 🦙	<i>''⊹' '' ''∦</i> ∂ Descri	ption	Unit Price	Amount
15.00	MAT	Class A Common		15.45	231.75
10.00	MAT	Pozmix		8.00	80.00
1.00	MAT	Gel		20.80	20.80
150.00	MAT	ASC Class A		14.80	2,220.00
500.00	MAT	ASF		1.27	635.00
750.00	MAT	Kol Seal		0.89	667.50
71.00	MAT	FL-160		13.30	944.30
98.00	MAT	Gas Block	,	11.10	1,087.80
21.00	MAT	Defoamer		8.90	186.90
7.00	MAT	Cla Pro		31.25	218.75
222.00	SER	Handling		2.40	532.80
65.00	SER	Mileage 222 sx @.10 per sk	per mi	22.20	1,443.00
1.00	SER	Production Casing		2,092.00	2,092.00
65.00	SER	Mileage Pump Truck		7.00	455.00
1.00	SER	Head Rental	KANSAS CORPORATION COMPANY	<sub>ωN</sub> 113.00	113.00
4.00	EQP	Turbolizers	CORPORATION	68.00	272.00
1.00	EQP	Latch Down Plug	JAN 15 2009	405.00	405.00
1.00	EQP	AFU Float Shoe	JAN 1.2 5002	434.00	434.00
			DIVISION DIVISION		
			CONSERVATION KS		
ALL PRICES AF	RE NET, PAYABL	E Subtotal			12,039.60

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 11/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF



ONLY IF PAID ON OR BEFORE

2/2 Nov 5, 2008

	1
Subtotal	12,039.60
Sales Tax	638.10
Total Invoice Amount	12,677.70
Payment/Credit Applied	
TOTAL	12,677.70

# ALLIED CEMENTING CO. LLC. 32504

SERVICE POINT: REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 Medicine <u>Lodge</u> JOB START JOB FINISH CALLED OUT **0 700 AM** ON LOCATION DATE 10-04-09 1000 AM 0245PM COUNTY **Kigsman** LOCATION 4854 JOT, 15, 23/4E, 25, 1/2E WELL# 1 - OWWA ease**Sparks** (Circle one) CONTRACTOR PICKIEL #1 OWNER American Energies TYPE OF JOB Production T.D. 4192 **CEMENT** HOLE SIZE 77/8" AMOUNT ORDERED 150 Sx ASC+5# Kal Sail +. 5% Fl 160 CASING SIZE HY2 FDEPTH 3557 401 +.7% Gas block + Deformer, 255x 60:40:4, **TUBING SIZE DEPTH** DRILL PIPE **DEPTH** 500 sel ASF 7 gol. Cla Pro TOOL **DEPTH** @ 15.45 231.75 MINIMUM 100 PS COMMON\_15 PRES. MAX SHOE JOINT 4 POZMIX @ **8.00** \_ 80.00 MEAS. LINE @ 20.80 **CEMENT LEFT IN CSG** CHLORIDE PERFS. @ @ 14.80 2220.00 DISPLACEMENT 63/2 86/52/201 ASC 150 @ **EQUIPMENT** ASF 500 @ 635,00 667.50 KO1 SCAL @<u>.89</u> CEMENTER Carea **PUMP TRUCK** KANSAS CORPORATION @ *13.30* FL-160 # 480 GAS Block **BULK TRUCK** @ 8.90 186.90 Deformer 21 CONSERVATION DIVISION TO WICHITA, KS # 3*5*3 @ <u>31.25</u> <u>218.</u> Cla Pro **BULK TRUCK** 372 @ 2.40 532.80 HANDLING .10 1443,00 MILEAGE 65 x Zaz TOTAL STATE **REMARKS:** 8268,60 Pipe on Borrom Break Circulation, Pump Pre Plush-500 get. ASF, Plug Ret & Maxe - 255+ 60:40:4, Pomp cenent line on Borron **SERVICE** 1505+ + Addition 5 top every washing times Releve plus, Start Disp See lift Slow Rever, Bunp plus, Floor held, Disp work (63/2 Bbls 210 KCL Water, DEPTH OF JOB 4/92 PUMP TRUCK CHARGE **EXTRA FOOTAGE** MILEAGE @ 7.00 455,00 MANIFOLD. @ 113.00 Head Rental -Thank you \* CHARGE TO: American Energies TOTAL 2660,00 STREET ZIP 447 PLUG & FLOAT EQUIPMENT Turbolizers @ <u>68.00 272.00</u> @ 405.00 405.00 4FU Flog7 5404 @ <u>434.00</u> \_ To Allied Cementing Co., 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 TOTAL ///.00 done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES F IF PAID IN 30 DAYS DISCOUNT -PRINTED NAMEX ANY APPLICABLE TAX SIGNATUREX WILL BE CHARGED UPON INVOICING

Date!