KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5399
Name: American Energies Corporation
Address: 155 North Market, Suite 710
City/State/Zip: Wichita, Kansas 67202
Purchaser:
Operator Contact Person: Alan L. DeGood, President
Phone: (316) 263-5785
Contractor: Name: McPherson Drilling Company
License: 5495
Wellsite Geologist:

Designate Type of Completion:
X New Well ___ Re-Entry ___ Workover
___ Oil ___ SWD ___ SIOW ___ Temp. Abd.
X Gas ___ ENHR ___ SIGW
___ Dry ___ Other (Core, WSW, Expl., Cathodic, 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./SWD
___ Plug Back ___ Plug Back Total Depth
___ Commingled Docket No.
___ Dual Completion Docket No.
___ Other (SWD or Enhr.?) Docket No.

11/19/01	12/04/01	12/07/01
Soud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 017-20817-0000
County: Chase
N/2 NW NE Sec. 28 Twp. 19S S. R. 7E X East ☐ West
330 feet from S / (N) (circle one) Line of Section
1980 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Pretzer Well #: A #1
Field Name: Elmdale
Producing Formation: Lansing
Elevation: Ground: 1250 Kelly Bushing: None
Total Depth: 1278 Plug Back Total Depth: ~~4 jts 7" 20#~~
Amount of Surface Pipe Set and Cemented at set @ 153' Feet
Multiple Stage Cementing Collar Used? ☐ Yes X No
If yes, show depth set ___ Feet
If Alternate II completion, cement circulated from 1261'
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) AH I Ck 5-22-02
Approx.
Chloride content 1600 ppm Fluid volume 80 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: ___ License No.:
Quarter ___ Sec. ___ Twp. ___ S. R. ___ ☐ East ☐ West
County: ___ Docket No.:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Alan L. DeGood
Title: Alan L. DeGood President Date: 1-21-02

Subscribed and sworn to before me this 21st day of January, 19 2002.

Notary Public: Melinda S. Wooten
Date Commission Expires: 3-12-04

STATE OF KANSAS MELINDA S. WOOTEN My Appt. Exp. 3-12-04

KCC Office Use ONLY
NOV Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
✓ Wireline Log Received
✓ Geologist Report Received
UIC Distribution

Operator Name: American Energies Corporation Lease Name: Pretzer Well #: "A" #1

Sec. 28 Twp. 19S S. R. 7E [X] East [ ] West County: Chase

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets) [ ] Yes [X] No

Samples Sent to Geological Survey [ ] Yes [X] No

Cores Taken [ ] Yes [X] No

Electric Log Run (Submit Copy) [X] Yes [ ] No

List All E. Logs Run:

Dual Induction

Compensated Porosity

[X] Log Formation (Top), Depth and Datum [X] Sample

Name Top Datum

See Attachment

CASING RECORD [ ] New [XX] 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
Production	9 1/2"	7"	23#	153'	Regular	60	3% CaCl2 1/4# Flocele
Production	6 1/4"	4 1/2"	10.5#	1263'	Class A	150	1% CaCl2 2% Gel 4#/sx Flocele

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 (Amount and Kind of Material Used)	Depth
4 SPF	1223.5 - 1227.5	750 gallons 15% HCL Acid	1223.5-1227.5
		2 gallons Inhibitor, 2 gallons surfactant, 4 gallons Non-Emulsifier	
Acid Job	1196 - 1201	750 gallons 15% HCL Acid 2 gallons Inhibitor, 2 gallons	1196 - 1201
4 SPF		surfactant, 4 gallons Non-Emulsifier	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1209.90'	None	[ ] Yes [X] No

Date of First, Resumerd Production, SWD or Enhr. Producing Method [X] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	None	250 MCF/D	None		

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented [XX] Sold [ ] Used on Lease (If vented, Sumit ACO-18.)

[ ] Open Hole [X] Perf. [ ] Dually Comp. [ ] Commingled _____

[ ] Other (Specify) _____

AMERICAN ENERGIES CORPORATION
DRILLING AND COMPLETION REPORT
PRETZER "A" #1

LOCATION: N/2 NW NE
Section 28-T19S-R7E

COUNTY: Chase County, Kansas
CONTRACTOR: McPherson Drilling
GEOLOGIST:

NOTIFY: **Tejas Energy Resources, Inc.**
Bernie Peterson
D & D Investment
W. Mike Adams

SURFACE CASING: 4 jts 7" X 20# set at

PRODUCTION CASING:
G.L.: 1250 **K.B.:**
SPUD DATE: 11/19/01
COMPLETION DATE:
REFERENCE WELLS:

#1 AEC's Ward Ranch – 200' E of SW SW SW Section 21-19S-7E
#2 AEC's Marshall – C S/2 NE NW Section 28-19S-7E
#3 BMG's Kissel #1-29 – 50'N C SE NE Section 29-19S-7E

FORMATION:	SAMPLE LOG:		ELECTRIC LOG TOPS:	COMPARISON:		
				#1	#2	#3
Oread	892	+358	892	+4	-10	-10
Heebner	923	+327	923	+4	-8	-9
Douglas	947	+303	947	+3	-10	-8
Lansing	1183	+67	1184	+11	-4	-1
RTD:	1278'					

11/17/01 MIRU McPherson Drilling

11/19/01 Drilled 8 7/8" hole to 160'. Run and set 4 jts X 7" casing. RU Bluestar. Mixed and pump 75 sx Class A Cement with 3% CaC12. Good cement returns to surface. SDFN.

11/20/01 Drilled with water to 358'. Shut down for Holiday.

11/26/01 At 558' at 7:00 p.m.

11/27/01 At 818' at 7:00 p.m.

11/28/01 Mechanical problems

11/29/01 At 916' at 7:00 a.m.

11/30/01 Rig broken down – no drilling.

12/01/01 Rig repaired – no drilling.

12/03/01 Drilled to 1258'. SDFN

12/04/01 Short trip to 900'. Condition and circulate mud. TIH. Drilled to TD – 1278' GL. Circulate and condition hole for logging. MW = 9.2 ppg, Visc = 40, Filtrate = 28, TOH LD DP. RU Log Tech. GIH with Dual Induction Log. Log from 1325' back to 150'. GIH with Dual Compensated Porosity Log and log well from 1278' back to surface. RD Log Tech. SDFN.

12/05/01 PU and RIH 4 ½" cement float show x 1.1' and 38 jts 4 ½" casing at 1264.25'. Installed centralizer at 1232' and cement basket at 318'. RU Bluestar and cemented with 150 sx Class A with 1.5% CaC12, 2% gel and 4#/sx gilsonite. Good cement returns to surface. Trap 400 psi on casing. RD Bluestar. RDMO McPherson Drilling.

12/07/01 MIRU Cheyenne Well Service. Move in and tally tubing. Install wellhead. SDFN.

12/08/01 Casing swab well bore dry. Load with 10 bbls. LSW. RU Midwest Surveys. Log from TD 1260' to 153' with GR/N. Perforate from 1223.5 – 1227.5 GL with 3 3/8" expendable casing gun with 4 SPF. Swab casing dry. RU Bluestar. Pump 750 gallons X 15% HCL with surfactant and inhibitor. Displaced to top perf with LSW. Pressure to 2000 psi and hold – no bleedoff. Pressure to 2500 psi and hold – no bleedoff. Pressure to 3200 psi and hole – no bleedoff. Release pressure and pressure to 3200 psi. Had slow bleedoff to 2000 psi. Worked pressure to 3200 psi several times and bleedoff to 1500 psi – pumped total of 1.5 bbls. Released pressure. Casing swab water and acid to pit. Load

with 3 3/8" endable casing gun with 4 SPF. PU and GIH ı perfed and capped gas anchor X 6.5' (bottom hole 4' down), SN X 1.10' and 38 jts X 2 3/8" tubing X 1209.90'. NU wellhead and land tubing with 3' above GL. Anchor end at 1214.5' SDFN.

12/09/01 RU Bluestar. Circ. Hole with LSW. Pump and treat with 750 gallons X 15% HCL with surfactant and inhibitor. Pumped in with 300 psi X 2 bpm. Overdisplace with 10 bsw. Shut pump off – pressure bled to 0 psi in one minute. Opened tubing and casing valve to atmosphere – well dead. After 5 minutes casing began unloading fluid and then gas at high rate. Clean annulus up to pit. SI casing. Swab tubing – fluid level at 700' – pulled from 1200'. Tubing unloaded fluid and then gas at high rate. Clean tubing up to pit. SI tubing. RDMO Cheyenne. After 15 minutes SITP: 530 psi, SICP: 510 psi (different gauges). Results of 4 point flow test: ISITP: 530 psi, ISICP = 510 psi.

1. FTP = 513 psi, SICP = 499 psi, Q = 136 mcfd
2. FTP = 510 psi, SICP = 499 psi, Q = 254 mcfd
3. FTP = 508 psi, SICP = 495 psi, Q = 332 mcfd
4. FTP = 501 psi, SICP = 492 psi, Q = 572 mcfd

No fluid producing during test. Flow rate not adjusted for btu's but was adjusted for specific gravity and gas deviation factor. AOF = 2500 mcfd. Permeability for 80 acres and 12' zone thickness = 96 md.