C AMENDED ACO-1

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-045-20~~857~~ 935

36-13-20E

County Douglas

SW NW Sec. 36 Twp. 13 Rge. 20 XX East __ West

2805 Ft North from Southeast Corner of Section
4455 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Scance Well # 12

Field Name ~~Wildcat~~ JAYHAWK

Producing Formation Squirrel

Elevation: Ground 928 KB

Operator: License # 9511
Name Alternative Energy Systems, Inc.
Address 508 W. Washington
P. O. Box 306
City/State/Zip Cuba, Missouri 65453

Purchaser HPA-Kolen

Operator Contact Person John Giles
Phone 314-885-2838

Contractor: License # 5335
Name Hawkeye Drilling

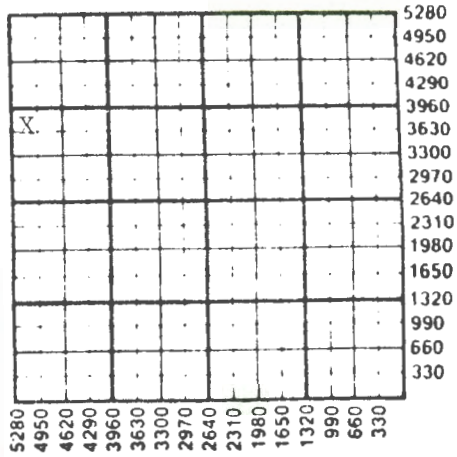
Wellsite Geologist Contractor
Phone 913-883-2013

Designate Type of Completion
X New Well __ Re-Entry __ Workover

X Oil __ SWD __ Temp Abd
__ Gas __ Inj __ Delayed Comp.
__ Dry __ Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

Section Plat



WELL HISTORY

Drilling Method:
X Mud Rotary __ Air Rotary __ Cable

5-12-86	5-15-86	6-5-86
Spud Date	Date Reached TD	Completion Date

820	796
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 40 feet
Multiple Stage Cementing Collar Used? __ Yes __ No
If yes, show depth set feet
If alternate 2 completion, cement circulated from 786 feet depth to surface SX cmt
Cement Company Name
Invoice #

WATER SUPPLY INFORMATION
Disposition of Produced Water: X Disposal
Docket # __ Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water: Hawkeye Drilling
Division of Water Resources Permit #

__ Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge __ East __ West

__ Surface Water None Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge __ East __ West

__ Other (explain)
(purchased from city, R.W.D. #)

JUL 18 1986
KGS GEOLOGICAL SURVEY
WICHITA BRANCH

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.
Information on 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

SIDE TWO

36-13-20E

Operator Name Alternative Energy Lease Name Sconce Well # 12

Sec. 36 Twp. 13 Rge. 20 [X] East [ ] West County Douglas

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken [ ] Yes [X] No
Samples Sent to Geological Survey [ ] Yes [X] No
Cores Taken [X] Yes [ ] No

Formation Description [X] Log [ ] Sample

Name	Top	Bottom
Squirrel	734-746	

735	2.01
736	3.11
737	3.35
738	1.03
739	1.37
740	1.32
741	1.39
742	2.29
743	3.47
744	4.48
745	5.14
746	5.53

JUL 18 1986 GEOLOGICAL SURVEY WICHITA, KANSAS BRANCH

CASING RECORD [ ] New [X] 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
						15	
				796		120	

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated
4	737-740

Acid, Fracture, Shot, Cement Squeeze Record

(Amount and Kind of Material Used)	Depth
80 bbl. oil	
4500 frac sand	
16-20 & 12-20	

TUBING RECORD Size Set At Packer at

Liner Run [ ] Yes [ ] No

Date of First Production 6-5-86

Producing Method [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (explain)

527532

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	3 Bbls	Nil MCF	3 Bbls	Nil CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: [X] Vented
[ ] Sold
[ ] Used on Lease

[ ] Open Hole [X] Perforation
[ ] Other (Specify) .....

[ ] Dually Completed
[ ] Commingled

737-740