28-14-22E 2nd

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

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

Purchaser Enron Oil Trading & Trans
PO Box 20108
Shreveport, La. 71120

Operator Contact Person Michael L. Giles
Phone 314-885-2838

Contractor: License # 5335
Name Hawkeye Drilling

Wellsite Geologist Bob Fieller
Phone 913-883-2013

Designate **Type of Completion**
X New Well ___ Re-Entry ___ Workover

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

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

WELL HISTORY

Drilling Method:
X Mud Rotary ___ Air Rotary ___ Cable

8/16/89 — Spud Date
8/31/89 — Date Reached TD
12/8/89 — Completion Date

960 — Total Depth
956 — PBTD

Amount of Surface Pipe Set and Cemented at 20 feet
Multiple Stage Cementing Collar Used? ___ Yes X No
If yes, show depth set .... feet
If alternate 2 completion, cement circulated from 956 feet depth to surface w/ 102 SX cmt
Cement Company Name Consolidated
Invoice # 001004322

API NO. 15-091-22-086

County Johnson

S. E. ..... Sec. 28 Twp. 14 Rge. 22 X East ___ West

1875 Ft North from Southeast Corner of Section
1115 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

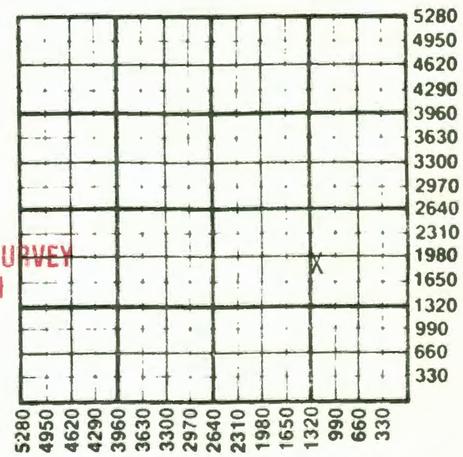
Lease Name Meyers Well # 16A

Field Name Bears and Bulls

Producing Formation Bartlesville

Elevation: Ground 1076 KB 3.5

Section Plat



JAN 03 1990

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: ___ **Disposal**
Docket # .... X **Repressuring**

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
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 ..... 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. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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

5S1658

SIDE TWO

Operator Name ...Alternative Energy Systems, Inc. Lease Name ...Meyers... Well # 16A

Sec. 28 Twp. 14 Rge. 22 [X] East [ ] West County Johnson

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.

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

Formation Description

[X] Log [ ] Sample

Name	Top	Bottom
Hertha	417	427
Bartlesville	902	916

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
Surface	8 7/8	7		20	Portland	10	None
Production	6	2 7/8	6	956	Oil Well	102	Gel

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	904-912	Water	

TUBING RECORD	Size	Set At	Packer at	Liner Run [ ] Yes [ ] No

Date of First Production	Producing Method
	[ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain)...

HAWKEYE DRILLING

R.R. 2 Box 73A
Wellsville, Kansas 66092
913-883-2013

28-14-22E

955.0

1 2 3 4 5 6 7 8 9 10

Drill Log

Lease Meyers

Well # #16A. 8-16-89

Elevation 15-091-22,086

Thickness	Formation	Total Depth	Remarks
18	Clay	18	
4	Lime	22	
8	Shale	30	
2	Lime	32	
22	Shale	54	
28	Lime	82	
10	Shale	92	
7	Lime	99	
10	Shale	109	
21	Lime	130	
16	Shale	146	
20	Lime	166	
11	Shale	177	
6	Lime	183	
16	Shale	199	
3	Lime	202	
8	Shale	210	
18	Lime	228	
20	Shale	248	
16	Lime	264	
2	Shale	266	
2	Lime	268	
21	Shale	289	
8	Lime	297	
3	Shale	300	
10	Lime	310	
47	Shale	357	
3	Lime	360	
8	Shale	368	
21	Lime	389	
1	Shale	390	
4	Lime	394	
8	Shale	402	
12	Lime	414	
3	Shale	417	
10	Lime	427	
148	Shale	575	
4	Lime	579	
18	Shale	597	
6	Lime	603	
2	Shale	605	
4	Lime	609	
6	Shale	615	
8	Lime	623	
5	Shale	638	
4	Lime	642	
1	Shale	643	
4	Lime	647	
5	Shale	652	
5	Lime	657	
5	Shale	662	
3	Lime	665	
15	Shale	680	
5	Lime	685	
12	Shale	697	
2	Lime	699	
10	Shale	709	
2	Lime	711	
88	Shale	799	
5	Lime	804	
25	Shale	829	
4	Black Slate	833	
1	Lime	834	
15	Shale	849	
1	Lime	850	
35	Shale	885	
1	Lime	886	
9	Sand	895	
65	Shale	960 TD	

RECEIVED
STATE CORPORATION COMMISSION
DEC 22 1989
CONSERVATION DIVISION
Wichita, Kansas

28-14-22E

CASING MECHANICAL INTEGRITY TEST

DOCKET # E 24,883

Disposal [ ] Enhanced Recovery:

Repressuring [ ]
Flood [ ]
Tertiary [ ]

Date injection started ______

API #15 – 091 – 22,086

______ ______ ______, Sec 28, T 14 S, R 22 E/W

1375 Feet from South Section Line

1115 Feet from East Section Line

Lease Meyers Well # 16 A

County Johnson

Operator: HIH Energy
Name &
Address PO Box 304
Cuba, Mo.

Operator License # 9511

Contact Person Mike Giles

Phone ______

Max. Auth. Injection Press. ______ psi; Max. Inj. Rate ______ bbl/d;
If Dual Completion - Injection above production ______ Injection below production ______

	Conductor	Surface	Production	Liner
Size		4"	2 7/8	
Set at		20	956	
Cement Top		0	0	
" Bottom		20	956	

Tubing: Size ______ Set at ______ Type ______

DV/Perf. ______ TD (and plug back) 960 ft. depth

Packer type ______ Size ______ Set at ______

Zone of injection 886 ft. to ft. 895 Perf. or open hole perf.

Type Mit: Pressure [X] Radioactive Tracer Survey [ ] Temperature Survey [ ]

FIELD DATA

	Time: Start 10 Min.	20 Min.	30 Min.		
Pressures: 600 lb	600	600	600	Set up 1	System Pres. during test ______
				Set up 2	Annular Pres. during test ______
				Set up 3	Fluid loss during test 0 bbls.

RECEIVED
STATE CORPORATION COMMISSION
DEC 2_ 1989
CONSERVATION DIVISION
Wichita, Kansas

Tested: Casing [X] or Casing - Tubing Annulus [ ]

The bottom of the tested zone is shut in with float Shoe

Test Date 9-12-89 Using Consolidated Company's Equipment

The operator hereby certifies that the zone between ______ feet and ______ feet

was the zone tested Robert Fiehler Driller
Signature Title

The results were Satisfactory X, Marginal ______, Not Satisfactory ______

State Agent Jack Rob[illegible] Title Dist # Witness: Yes X No ______

REMARKS: ______

[ ] Orgin. Conservation Div.; [ ] KDHE/T; [ ] Dist. Office;

[ ] Computer Update

KCC Form U-7 6/84