

28-14-22E *md*

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 Mr. Bob Fieller
Phone 913-883-2013

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp
☐ Dry ☐ Other (Core, Water Supply etc.)

If ONWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
☒ Mud Rotary ☐ Air Rotary ☐ Cable

10/4/89 10/9/89 12/8/89
Spud Date Date Reached TD Completion Date
950 936
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 935 feet depth to surface 102 SX cmt
Cement Company Name Consolidated
Invoice # 00105173

API NO. 15-091-22-116

County Johnson
NW NW SE - KCC
S E Sec. 28 Twp. 14 Rge. 22 X East
West

2065 Ft North from Southeast Corner of Section
2065 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Meyers 41

Field Name Gardner

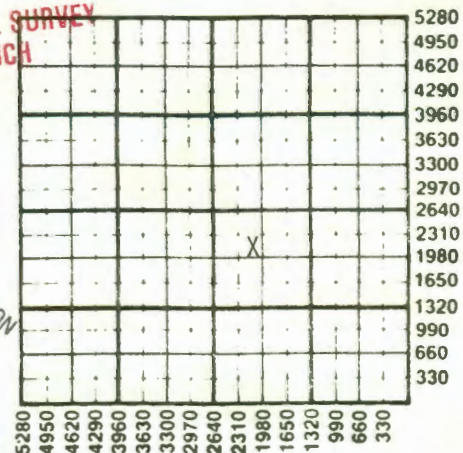
Producing Formation Bartlesville

Elevation: Ground 1075 KB 3.5

Section Plat

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

RECEIVED
JAN 2 1990
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas



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

531566

SIDE TWO

Operator Name Alternative Energy Systems, Inc. Lease Name Meyers Well # 41

Sec. 28 Twp. 14 Rge. 22 ☒ 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.

Drill Stem Tests Taken ☐ Yes ☒ No
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☐ Yes ☒ No

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Hertha	399	406
Bartlesville	866	882

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	1 Bbls	0 MCF	1/2 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation
☐ Sold ☐ Other (Specify)
☒ Used on Lease

.871-.879.....

☐ Dually CompletedCASING RECORD ☐ New ☐ 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	6 7/8		40	Portland	10	None
Production	6	2 7/8	6	935	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	.871-.879	80 Bbl. of oil 5 sacks 12-20 30 sacks 8/12	

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
Date of First Production	Producing Method			☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....	

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

936.30

Well #

Elevation

Answers

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10-4-89

15-091-22, 116

1 2 3 4 5 6 7 8 9 10

28-14-22E
Drill

Drill Log

Thickness	Formation	Total Depth	Remarks	Thickness	Formation	Total Depth	Remarks
19	Clay	18		5	Shale	620	
4	limy	22		5	limy	625	
11	Shale	33		5	Shale	630	
4	limy	37		3	limy	633	
7	Shale	44		15	Shale	648	
14	limy	58		5	limy	653	
10	Shale	68		12	Shale	665	
9	limy	77		2	limy	667	
8	Shale	85		10	Shale	677	
20	limy	105		2	limy	679	
14	Shale	119		28	Shale	707	
20	limy	139		5	limy	712	
13	Shale	152		25	Shale	737	
33	limy	185		4	Brach. Slab	741	
16	Shale	201		1	Shale	742	
7	limy	208		1	limy	743	
15	Shale	223		15	Shale	758	
3	limy	226		1	limy	759	
2	Shale	228		31	Shale	790	
9	limy	237		1	limy	791	
4	Shale	241		14	Shale	805	
2	limy	243		1	limy	806	
1	Shale	244		16	SAND	822	Very Hard
5	limy	249		28	Shale	850	Very Hard
35	Shale	284					
8	limy	292					
8	Shale	300					
25	limy	325					
8	Shale	333					
25	limy	358					
2	Shale	360					
17	limy	377					
8	Shale	385					
9	limy	394					
4	Shale	398					
7	limy	405					
139	Shale	544					
4	limy	548					
1	Shale	549					
2	limy	551					
18	Shale	569					
6	limy	575					
2	Shale	577					
4	limy	581					
6	Shale	587					
8	limy	595					
15	Shale	610					
4	limy	614					