

28-14-22E
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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
Alternative Energy Systems, Inc.
Name 508 W. Washington
Address 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
Hawkeye Drilling
Name

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
10/9/89 10/12/89 12/8/89
Spud Date Date Reached TD Completion Date
960 958
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 958 feet depth to surface w/ 104.5X cmt
Cement Company Name Consolidated
Invoice # 00105351

API NO. 15-091-22-115

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

2445 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 Well # 48

Field Name Gardner

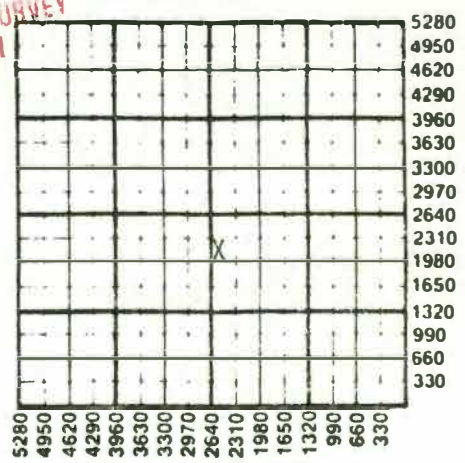
Producing Formation Bartlesville

Elevation: Ground 1072 KB 3.5

Section Plat

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

JAN 03 1990



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # 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 data...

551208

SIDE TWO

Alternative Energy Systems, Inc.

Meyers

48

Operator Name Lease Name..... Well #.....

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

Table with 3 columns: Name, Top, Bottom. Rows: Hertha (381, 390), Bartlesville (852, 868)

Table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row: 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) 853 to 861
 Used on Lease

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Rows: Surface, Production

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table with 3 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, (Amount and Kind of Material Used) Depth. Row: 2, 853-861, 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).....

HAWKEYE DRILLING

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

955 A pipe

28-14-22E

Lease Meyers
Well # 48 10-9-89
Elevation 15-091-22, 115

1 2 3 4 5 6 7 8 9 10
M M M M M M M M M M

Drill Log

Thickness	Formation	Total Depth	Remarks	Thickness	Formation	Total Depth	Remarks
17	CLAY	17		5	Shale	615	
5	Lime	22		5	Lime	620	
3	Shale	25		5	Shale	625	
5	Lime	30		3	Lime	628	
6	Shale	36		15	Shale	643	
17	Lime	53		5	Lime	648	
9	Shale	62		12	Shale	660	
9	Lime	71		2	Lime	662	
9	Shale	80		10	Shale	672	
20	Lime	100		2	Lime	674	
14	Shale	114		88	Shale	762	
20	Lime	134		5	Lime	767	
13	Shale	147		25	Shale	782	
33	Lime	180		4	Black Gl. Shale	786	
16	Shale	196		1	Shale	797	
7	Lime	203		1	Lime	798	
15	Shale	218		15	Shale	813	
3	Lime	221		1	Lime	814	
2	Shale	223		31	Shale	845	
9	Lime	232		1	Lime	846	
4	Shale	236		5	Shale	851	
2	Lime	238		1	Lime	852	
1	Shale	239		16	SAND	868	
5	Lime	244		92	Shale	960 TD	
35	Shale	279					
8	Lime	287					
8	Shale	295					
25	Lime	320					
8	Shale	328					
25	Lime	353					
3	Shale	356					
17	Lime	373					
8	Shale	381					
9	Lime	390					
4	Shale	394					
7	Lime	401					
139	Lime	540					
4	Lime	544					
1	Shale	545					
2	Lime	547					
18	Shale	565					
6	Lime	571					
2	Shale	573					
4	Lime	577					
6	Shale	583					
8	Lime	591					
15	Shale	606					
4	Lime	610					

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STATE CORPORATION COMMISSION
DEC 22 1989
CONSERVATION DIVISION
Wichita, Kansas