

SIDE ONE

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

Operator: License # 5399  
Name: American Energies Corporation  
Address 155 N. Market, Suite 710  
  
City/State/Zip Wichita, KS 67202  
Purchaser: N/A  
Operator Contact Person: Alan L. DeGood  
Phone (316) 263-5785

Contractor: Name: ALLEN DRILLING COMPANY  
License: 5418

Wellsite Geologist: Tom Williams

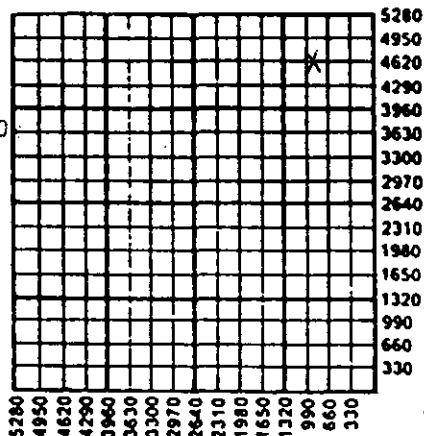
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd. Wichita  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If OWM: old well info as follows:  
Operator: N/A  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
5/31/90 6/09/90 6/10/90  
Spud Date Date Reached TD Completion Date

API NO. 15- 007-22,312 -00-00  
County Barber  
E/2 W/2 NE NE Sec. 9 Twp. 34 Rge. 13  East West  
4620 Ft. North from Southeast Corner of Section  
820 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name DONOVAN Well # 'G' 1  
Field Name Aetna Gas Area  
Producing Formation D & A  
Elevation: Ground 1822 KB 1827  
Total Depth 5060 PBTD \_\_\_\_\_

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JUL 10 1990



ALT DPA

Amount of Surface Pipe Set and Cemented at 400 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ SX cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Vice-President Date 7-9-90

Subscribed and sworn to before me this 9th day of July, 19 90.

Notary Public Melinda S. Wooten  
Date Commission Expires 3-12-92



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Form ACO-1 (7-89)

ORIGINAL

SIDE TWO

Operator Name American Energies Corporation Lease Name DONOVAN Well # 'G' 1  
 Sec. 9 Twp. 34 Rge. 13  East  West  
 County Barber

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  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

Formation Description  
 Log  Sample  
 Name Top Bottom

See attached sheets

**CASING 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           | 12-1/4"           | 8-5/8" NEW                | 20#             | 400'          | 60/40 Poz      | 7            | 3%cc, 2%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 |
|                    |   |   |       |
|                    |   |   |       |
|                    |   |   |       |
|                    |   |   |       |
|                    |   |   |       |
|                    |   |   |       |
|                    |   |   |       |
|                    |   |   |       |

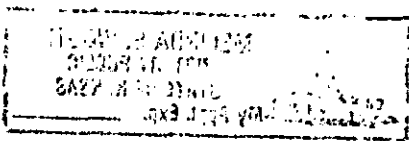
| TUBING RECORD |        |           |  | Liner Run                    |                             |
|---------------|--------|-----------|--|------------------------------|-----------------------------|
| Size          | Set At | Packer At |  | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|               |        |           |  |                              |                             |
|               |        |           |  |                              |                             |

|                                   |   |         |             |               |         |
|-----------------------------------|---|---------|-------------|---------------|---------|
| Date of First Production          | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |         |             |               |         |
| Estimated Production Per 24 Hours | Oil Bbls.   | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION** Production Interval

Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_



DST #1: 4103-4141' (Snyderville Sandstone). Times: 30-60-45-90. Rec. 30' DM - No show of oil or gas. IFP: 101-101, FFP: 101-101 ISIP: 518, FSIP: 589, IHP: 2095, FHP: 2064, Temp.: 114°. Had strong blow both flow periods. (Also blew through SI period.)

Results DST #2: 4855-4925 (Upper Miss.). Times: 30-60-45-90. Rec. 130' DM - No show of oil or gas. IFP: 118-118, FFP: 118-118, ISIP: 171 building, FSIP: 193 building, IHP: 2395, FHP: 2373, Temp.: 118°.

DST #3: 4955-4993 (Lower Miss.). Times: 30-60-45-90. Rec.: 130' DM - No shows of oil or gas. IFP: 132-132, FFP: 142-142, ISIP: 254 building, FSIP: 477 building, IFP: 2489, FHP: 2469.

| GEOLOGICAL |             |            |
|------------|-------------|------------|
| FORMATION  | SAMPLE TOPS | E-LOG TOPS |
| LECOMPTON  | 3835 -2008  | 3830 -2003 |
| KANWAKA    | 3866 -2039  | 3862 -2035 |
| ELGIN SD   | 3896 -2069  | 3891 -2064 |
| OREAD      | 4071 -2244  | 4067 -2240 |
| HEEBNER    | 4108 -2281  | 4104 -2277 |
| SNYDER SD  | 4119 -2292  | 4114 -2287 |
| LANSING    | 4280 -2453  | 4279 -2452 |
| SWOPE      | 4206 -2879  | 4204 -2877 |
| HERTHA     | 4735 -2908  | 4732 -2905 |
| MISS.      | 4881 -3054  | 4773 -2946 |
| LWR. MISS. | 4960 -3133  | 4758 -2931 |

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STATE GEOLOGICAL COMMISSION

JUL 10 1990

CONSERVATION DIVISION  
Wichita, Kansas

FORM MUST BE TYPED  
FORM C-1 12/80

EFFECTIVE DATE: 4/25/90 State of Kansas  
NOTICE OF INTENTION TO DRILL

15-007-22, 312-00-00

FORM MUST BE SIGNED  
ALL BLANKS MUST BE FILLED

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date: May 1 1990 \*E/2 W/2 NE NE Sec 9 Twp 34 S, Rg 13 X East  
month day year

OPERATOR: License # 5399  
Name: American Energies Corporation  
Address: 155 N. Market, Suite 710  
City/State/Zip: Wichita, Kansas 67202  
Contact Person: Alan L. DeGood  
Phone: (316) 263-5785

CONTRACTOR: License #: 5418  
Name: Allen Drilling Company

Well Drilled For: Well Class: Type Equipment:  
 Oil  Inj  Infield  Mud Rotary  
 Gas  Storage  Pool Ext.  Air Rotary  
 OAWO  Disposal  Wildcat  Cable  
 Seismic;  # of Holes

If OAWO: old well information as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date: \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Directional, Deviated or Horizontal wellbore?  yes  no  
If yes, total depth location: \_\_\_\_\_

\*Amended Intent by adding surveyed location.  
X WAS C NENE Exp. 10/25/90

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.  
It is agreed that the following minimum requirements will be met:

4,620 feet from South line of Section  
\*820 feet from East line of Section  
(Note: Locate well on Section Plat Below)

County: Barber  
Lease Name: DONOVAN Well #: 'G' #1  
Field Name: Aetna Gas Area

Is this a Prorated Field?  yes  no  
Target Formation(s): Mississippian  
Nearest lease or unit boundary: 660  
Ground Surface Elevation: 1824 Advise on ACO-7 feet MSL  
Domestic well within 330 feet:  yes  no  
Municipal well within one mile:  yes  no  
Depth to bottom of fresh water: 100  
Depth to bottom of usable water: 200  
Surface Pipe by Alternate:  1  2  
Length of Surface Pipe Planned to be set: 375'  
Length of Conductor pipe required: none  
Projected Total Depth: Mississippian  
Formation at Total Depth: 5,100  
Water Source for Drilling Operations:  
 well  farm pond  other  
DWR Permit #: \_\_\_\_\_  
Will Cores Be taken?:  yes  no  
If yes, proposed zone: \_\_\_\_\_

\* WAS 660' FEL  
220' Alt. I Req.

xxBnoressed

Pusher Vince Schappeler  
SPUD DATE 5-31-90 INIT. OR  
LENGTH SURFACE PLANNED 375

RESERVE PIT STATUS- REMOVE FLUID LINED  
after salt sect. bbls. when done bbls.

X RATHOLED AHEAD?  Y  N SIZE HOLE 2 7/8 5000'  
SURFACE PIPE 8 3/4 @ 400' CONDUCTOR  
ANHYDRITE TEST - 824 B-850' ELEVATION / 824

FORMATION MISS.  
DV TOOL SX ALT II DONE Y N

Arbuckle Plug @ \_\_\_\_\_ Ft. W/ \_\_\_\_\_ SX  
Hug./Council @ \_\_\_\_\_ Ft. W/ \_\_\_\_\_ SX  
1 Anhydrite Base @ 850 Ft. W/ 50 SX  
847  
1/2 Base Anyh. @ \_\_\_\_\_ Ft. W/ \_\_\_\_\_ SX  
1/2, 1/2 Plug @ \_\_\_\_\_ Ft. W/ \_\_\_\_\_ SX  
2 Bottom Surface @ 420 Ft. W/ 50 SX  
412  
3 40' Plug @ 40 Ft. W/ 10 SX

RAT HOLE CIRC/W 15 SX MOUSE HOLE W/ \_\_\_\_\_ SX

WATER WELL none SX (Irr. Well \_\_\_\_\_ Pond \_\_\_\_\_)  
Hauling \_\_\_\_\_

TECHNICIAN SP DATE 6-8-90

TYPE OF CEMENT 60/40/6 gal

STARTING TIME 8:00 (AM/PM) DATE 6-10-90

COMPLETION TIME 9:30 (AM/PM), DATE 6-10-90

CEMENT COMPANY B J Leonard

WICHITA COUNTY COMMISSION  
Wichita, Kansas