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

Operator: Lic. No. 0030
Name: Ainsworth Drilling Co.
Address: Box 1369
City/State/Zip: Wichita, KS 67201

Purchaser: 
Operator Contact Person: Terry Hudak
Phone: (316) 576-5300

Contractor: License # 5422
Name: 

Wellsite Geologist: KENT ROBERTS

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

IF OMNO: old well info as follows:
Operator: 
Well Name: 
Comp. Date: Old Total Depth: 

WELL HISTORY

Drilling Method: X Mud Rotary  Air Rotary  Cable
11-21-89  11-28-89  12-21-89

Spud Date  Date Reached TD  Completion Date
3860'  1993

Total Depth: PBDT

Amount of Surface Pipe Set and Cements at 263 feet:
Multiple Stage Cementing Collar Used? Yes  X No
If yes, show depth set and cemented at feet. If alternate 2 completion, cement..from 1993...
Cement Company Name: ALLIED CEMENTING CO.
Invoice #: 3604

DISPOSITION OF PRODUCED WATER

WATER SUPPLY INFORMATION

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

Groundwater: X Ft North from Southeast Corner (Well) X FT West from Southeast Corner of
Sec  Twp AOE =
Spring Creek - Clean Davis

INSTRUCTIONS: This form shall be completed in triplicate and filled 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.

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: 
Title: GEOLOGIST  Date: 01/10/90

Subscribed and sworn to before me this 19th day of January 1990

Notary Public:
1560 Lake Plaza Drive, Co Spgs, CO 80906

Date Commission Expires: 10/01/90

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
Wireline Log Attached
Chetters Timing Received
Distribution

KCC  SWD/Rep  NP
d  Plug  Other

Form ACO-1 (5-86)
**Drill Stem Tests Taken**
- DST #1, 3498-3536', 30-30-30-30, Rec 150' wty mud
  - 2400' salt water, Cl=55,000 ppm
  - HP 1786-1766, FP 345-1046, 1096-1106, SIP 1196-1206
- DST #2, 3601-3611', 30-60-60-60, Rec: 10' clean oil (60% oil, 20% wtr) 230' oil specked muddy water CL=25,000 ppm
  - HP 1866-1826, FP 10-39, 59-108
  - SIP 600-581
- DST #3, 3611-3618', 30-45-30-45, Rec: 1' clean oil, 9' oil cut water, 240' oil specked muddy water, CL=20,000 PPM
  - HP 1888-1854, FP 29-49, 88-128
  - SIP 937-927

**Formation Description**
- ANHYDRITE
- BASE ANHYDRITE
- TO PEKA
- HEEBNER
- TORONTO
- LANSING
- MUNCIE CREEK
- BASE KANSAS CITY
- CONG S.S.
- T. D.
- 1945 + 357
- 1976 + 326
- 3303 - 1001
- 3504 - 1202
- 3528 - 1226
- 3556 - 1244
- 3653 - 1351
- 3739 - 1437
- 3843 - 1542
- 3861

**CASING RECORD**
- Purpose of String: Set Conductor, Surface, Intermediate, Production, etc.
- Size Hole: Drilled
- Size Casing: Set (in O.D.)
- Weight: Lbs./ft.
- Setting: Depth
- Type of Cement: Used
- Percent Additives:
  - Type and Additives:
  - PERFORATION RECORD
    - Acid, Fracture, Shot, Cement Squeeze Record
      - Amount and Kind of Material Used
      - Depth
  - Shots Per Foot
  - Specify Footage of Each Interval Perforated
    - 2
    - 1666-1670
    - 1630-1650

**TUBING RECORD**
- Size
- Set At
- Packer at 1604.84
- Liner Run: Yes
- Date of First Production: 2/3 FDC LINED: 1604.84
- Producing Method: Flowing, Pumping, Gas Lift
- Other (Explain)
- Estimated Production Per 24 Hours
  - Oil
  - Gas
  - Water
  - Gas-Oil Ratio
  - Gravity

**METHOD OF COMPLETION**
- Production Interval
  - 1666-1676
  - 1630-1650
- Disposition of Gas: Vented, Sold, Used on Lease
- Open Hole, Perforation, Other (Specify)
- Dually Completed, Commingled
AINSWORD OPERATING CO.

#3 DAVIS  SEC 24, T6S, R22W, Graham County, KS

DST #4, 3698-3710', 30-30-15-30, Rec: 5' mud, flushed tool
HP 1954-1893, FP 10-10, 20-20
SIP 10-20

DST #5, 3712-3744', 30-30-30-30, Rec: 5' specked mud
HP 1916-1886, FP 40-40, 40-40
SIP 719-650

PBTG 50 SKS 60/40 POZ 6% Gel, Set @ 3750',
Top of cement approx 3524'

RELEASED

JAN 28 1991

FROM CONFIDENTIAL

JAN 16 1990

KANSAS GEOLOGICAL SURVEY
WICHITA, KS

JAN 12 1990

STATE OF KANSAS
COUNTY OF WICHITA

JAN 16 1990

WICHITA, KS 67201