

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 # 6030  
Name Ainsworth Operating Co.  
Address Box 1269  
City/State/Zip Colorado Springs, CO 80901

Purchaser

Operator Contact Person Terry Hidy  
Phone (719) 576-5300

Contractor: License # 5422  
Name Abercrombie Drilling, Inc.

Wellsite Geologist KENT ROBERTS  
Phone 316-262-5300

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  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:  
 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 PBTD

Amount of Surface Pipe Set and Cemented at 263 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from 1993 feet depth to surf w/ 500 SX cmt  
Cement Company Name ALLIED CEMENTING CO  
Invoice # 8604

API NO. 15-065-22,546 -00-00 JAN 2.8.1991

County Graham FROM CONFIDENTIAL

NW SE NW Sec. 34 Twp. 6S Rge. 22 East West

3630 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

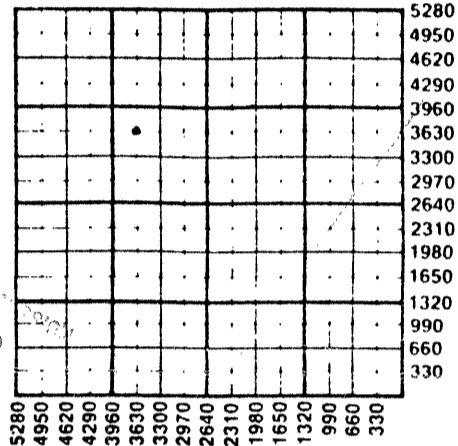
Lease Name Davis Well # 3

Field Name Worchester

Producing Formation SWDW

Elevation: Ground 2286' KB 2291'

Section Plat



ALT II  
1-28-91

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

X Surface Water 200 Ft North from Southeast Corner  
(Stream pond etc) 3140 Ft West from Southeast Corner  
Graham Sec 11 Twp 7S Rge 22 East X West

Other (explain)  
(purchased from city, R.W.D. #)  
Spring Creek - Cleon Davis

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 all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Terry Hidy  
Title GEOLOGIST Date 01/10/90

Subscribed and sworn to before me this 10th day of January 1990  
Notary Public Tevika J. Nolan  
1269 Lake Plaza Drive, Co Spgs, CO 80906  
Date Commission Expires 10/07/90

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

Sec. Twp. Rge.

P1

# ORIGINAL

SIDE TWO

Operator Name ..... Ainsworth Operating Co. .... Lease Name ..... Davis ..... Well # ..... 3

Sec. .... 34 ..... Twp. .... 6S ..... Rge. .... 22 .....  East  West ..... County ..... Graham ..... **RELEASED**

JAN 28 1991

## WELL LOG

FROM CONFIDENTIAL

**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

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

Name	Formation Description	
	Top	Bottom
ANHYDRITE	1945	+ 357
BASE ANHYDRITE	1976	+ 326
TO PEKA	3303	-1001
HEEBNER	3504	-1202
TORONTO	3528	-1226
LANSING	3546	-1244
MUNCIE CREEK	3653	-1351
BASE KANSAS CITY	3739	-1437
CONG S.S.	3843	-1542
T. D.	3861	

JAN 16 1991

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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"	24#	263'	60/40poz	190	3% cc., 2% gel
Production		4 1/2" 8rd	9 1/2#	1993'	60/40poz	500	6% 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	1666-1676						
2	1630-1650						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer at			
2 3/3 DUO LINED				1604.84			
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (explain).....SWDW.....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls	CFPB		

### METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 1666-1676  
 Used on Lease  Dually Completed ..... 1630-1650  
 Commingled

ORIGINAL

AINSWORTH 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

PBT, 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 BRANCH

STATE OF KANSAS COMMISSION

JAN 12 1990

COMMISSIONER OF GEOLOGY  
WICHITA, KANSAS