

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 # 5088  
Name John Jay Darrah, Jr.  
Address 412 E. Douglas, Suite One  
City/State/Zip Wichita, Ks. 67202

Purchaser.....

Operator Contact Person Dorene K. Dunn  
Phone 316/263-2243

Contractor: License # 4630  
Name Mallard Drilling

Wellsite Geologist Beth Fuhr  
Phone 316/263-2243

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

1-3-86 1-9-86 1-9-86  
Spud Date Date Reached TD Completion Date

398.2  
Total Depth PBTD  
6 jts @ 262.16'

Amount of Surface Pipe Set and Cemented at.....feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from 262.16...feet depth to surf. 155 SX cmt

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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 John Jay Darrah, Jr.  
Title Operator Date 2/3/86

Subscribed and sworn to before me this 3rd day of February 1986

Notary Public Dorene K. Dunn

Date Commission Expires October 13, 1989



API NO. 15-195-21,833  
County Trego  
SE NW SE Sec 13 12S 21 East West

.1650.... Ft North from Southeast Corner of Section  
.1650.... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

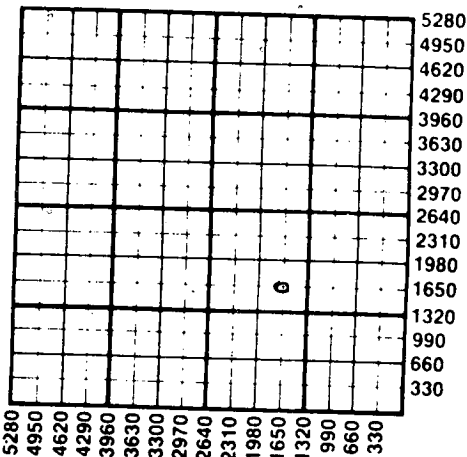
Lease Name Emil Kuhn Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 2258 KB 2266

Section Plat



WATER SUPPLY INFORMATION

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

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 Eddie Honas Water Service, Ellis, Ks. (purchased from city, R.W.D. #)

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)

STATE CORPORATION COMMISSION (7-84)

RECEIVED  
02-05-1986  
FEB 5 1986

Sec 13 Twp 12 Rge 21W

Operator Name John Jay Darrah, Jr. Lease Name Emil Kuhn Well # 1

Sec. 13 Twp. 12S Rge. 21  East  West County Trego

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

DST #1 3882-3982: 30/45/60/45. Recovered 500' mud cut water. ISIP 1241; FSIP 1172; IF 124-170; FF 204-249

DST #2 and DST #3 - misruns

DST #4 3033-3465: 15/15/15/15. Recovered 826' watery mud and 372' of muddy water. ISIP 1188#; FSIP 1177; IFP 375-589; FFP 712-723

Name	Top	Subsea Bottom
Anhydrite	1641	+ 625
Topeka	3316	-1050
Heebner	3543	-1277
Lansing	3581	-1315
B/Ks. City	3828	-1562
Marmaton	3880	-1614
Conglomerate	3946	-1679
T.D.	3982	-1716

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		8-5/8"	20	262.16	60/40 POZ	155	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			
Size	Set At	Packer at	Liner Run <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	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) .....  
 Used on Lease  Dually Completed .....  
 Commingled .....