

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 # 9427  
Name Sharp Engineering  
Address 708 One Main Place  
City/State/Zip Wichita, Kansas 67202

Purchaser.....

Operator Contact Person Mari Rech  
Phone 316-265-9825

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist: Herb Johnson  
Phone 316-263-0726

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  
2/15/86 2/22/86 2/23/86  
Spud Date Date Reached TD Completion Date  
4,350'  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 378.57 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt

API NO. 15-145-21,240-0000  
County Pawnee  
C NE/4 NW/4 20 20S 19W  East  
Sec..... Twp..... Rge.....  West

4620 Ft North from Southeast Corner of Section  
3300 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

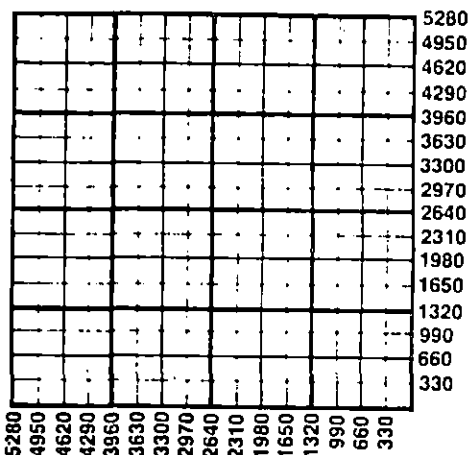
Lease Name Bender Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 2174 KB 2179

Section Plat



WATER SUPPLY INFORMATION

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

Questions on this portion of the ACO-1 call:

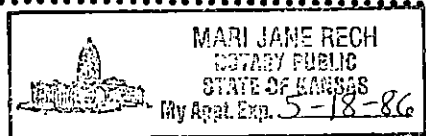
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit #.....  
 Groundwater.....Ft North from Southeast Corner (Well) .....Ft West from Southeast Corner of Sec Twp Rge  East  West  
 Surface Water 800 Ft North from Southeast Corner (Stream, pond etc) 3700 Ft West from Southeast Corner Sec 17 Twp 20S Rge 19  East  West  
Wayne Snodgrass, Nekoma, Ks. 67559  
 Other (explain).....  
(purchased from city, R.W.D. #)

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 Gary Sharp  
Title Operator Date 3/3/86

Subscribed and sworn to before me this 3rd day of March 1986  
Notary Public Mari Jane Rech  
Date Commission Expires May 18, 1986



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)  
3-4-86

MAR 4 1986

Sec. 20 Twp. 20S Rge. 19W

SIDE TWO

Operator Name Sharp Engineering Lease Name Bender Well # 1

Sec. 20 Twp. 20S Rge. 19W  East  West County Pawnee

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 4188-4225  
 15-30-30-60  
 GTS - 4"  
 Ggd. - 1st Open 654 MCF 1 1/2 Min.  
 242 MCF 1 1/2 Min.  
 220 MCF 1 1/2 Min.  
 195 MCF 1 1/2 Min.  
 2nd Open 169 MCF 1 Min.  
 47 MCF 5 Min.  
 4.5 MCF 10 Min.

Name	Top	Bottom
Anhydrite	1344	1386
Heebner	3677	
Toronto	3696	
Lansing	3724	
B/KC	4064	
Pawnee	4132	
Cherokee Shale	4190	
Cherokee Sand	4194	

Rec. 90' Mud  
 240' GCM  
 120' HGOCM  
 60' OCW  
 180' W  
 IHP 2008 FHP 2008  
 IFP 134-144 FFP 165-299  
 ISIP 861 FSIP 892

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"	3 5/8"	24#	385'	60/40 Poz	275	2% Gel 3%CC
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 <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