

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 # 6759  
Name William N. Bucklin, III  
Address 150 California Street, Suite 300  
City/State/Zip San Francisco, California 94111

Purchaser.....

Operator Contact Person William N. Bucklin, III  
Phone 415-433-7100

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist JOHN DAWSON  
Phone (503)-469-6474

Designate Type of Completion

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

If OWO: old well info as follows:

Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth.....

WELL HISTORY

Drilling Method:

- Mud Rotary  Air Rotary  Cable

6/9/87 6/17/87 6/18/87  
Spud Date Date Reached TD Completion Date  
4,460' .....  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 216.69 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. 15-077-21,152-00-00

County Harper

NE/4 SW/4 NE/4 17 32S 7W  East  
Sec..... Twp..... Rge.....  West

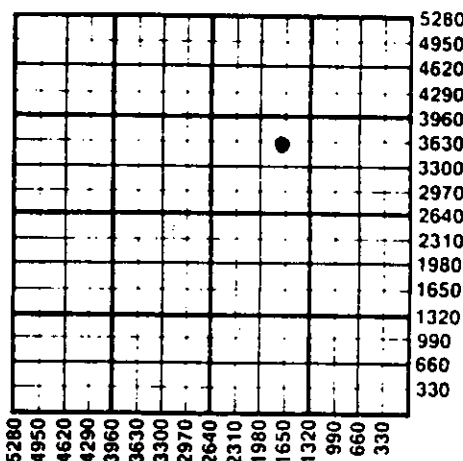
3630 Ft North from Southeast Corner of Section  
1650 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Zimmerman Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 1416 KB 1421  
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 # T 87-218

Groundwater 3600 Ft North from Southeast Corner  
(Well) 1700 Ft West from Southeast Corner of  
Sec 17 Twp 32S Rge 7  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 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 *William N. Bucklin*

Title Operator Date 7/7/87

Subscribed and sworn to before me this 7th day of July 1987

Notary Public *Agnes Whitelock*

Date Commission Expires Jan 4, 1988



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  
STATE CORPORATION COMMISSION (Specify)

Form ACO-1 (7-84)  
CONSERVATION DIVISION  
Wichita, Kansas

08-10-1987

Sec 17, Twp 32S, Rge 7W

SIDE TWO

Operator Name William N. Bucklin, III Lease Name Zimmerman Well # 1  
 Sec. 17 Twp. 32S Rge. 7W  East  West County Harper

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

DST #1 - MISRUN  
 DST #2 - MISRUN  
 DST #3 - MISRUN  
 DST #4 - ENCLOSED

Name	Formation Description	
	Top	Bottom
HEEBNER	3260	
DOUGLAS	3397	
KC	3836	
BKC	4058	
MISS	4408	

COPY OF LOG SENT 7/8/87  
 WITH CP-4

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"	20#	223'	60/40 Poz	160	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

### EQUIPMENT & HOLE DATA

TICKET NUMBER: 08256300

FORMATION TESTED: MISSISSIPPI

DATE: 6-17-87 TEST NO: 1

NET PAY (ft): 8.0

TYPE DST: OPEN HOLE

GROSS TESTED FOOTAGE: 43.0

ALL DEPTHS MEASURED FROM: KELLY BUSHING

HALLIBURTON CAMP:  
PRATT

CASING PERFS. (ft):

HOLE OR CASING SIZE (in): 7.875

TESTER: L. R. PARKER

ELEVATION (ft): 1421.0

TOTAL DEPTH (ft): 4455.0

PACKER DEPTH(S) (ft): 4412

WITNESS: WILLIAM BUCKLIN III

FINAL SURFACE CHOKE (in):

BOTTOM HOLE CHOKE (in): 0.750

MUD WEIGHT (lb/gal): 9.10

MUD VISCOSITY (sec): 55

DRILLING CONTRACTOR:

ESTIMATED HOLE TEMP. (°F):

ACTUAL HOLE TEMP. (°F): 136 @ 4450.0 ft

RED TIGER DRILLING - RIG #4

### FLUID PROPERTIES FOR RECOVERED MUD & WATER

### SAMPLER DATA

SOURCE	RESISTIVITY	CHLORIDES
BOTTOM RECOVERY	0 °F	46800 ppm
	0 °F	ppm
	0 °F	ppm
	0 °F	ppm
	0 °F	ppm
	0 °F	ppm

Psig AT SURFACE: \_\_\_\_\_  
 cu.ft. OF GAS: \_\_\_\_\_  
 cc OF OIL: \_\_\_\_\_  
 cc OF WATER: \_\_\_\_\_  
 cc OF MUD: \_\_\_\_\_  
 TOTAL LIQUID cc: \_\_\_\_\_

### HYDROCARBON PROPERTIES

### CUSHION DATA

OIL GRAVITY (°API): \_\_\_\_\_ @ \_\_\_\_\_ °F  
 GAS/OIL RATIO (cu.ft. per bbl): \_\_\_\_\_  
 GAS GRAVITY: \_\_\_\_\_

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

### RECOVERED :

120 FEET OF GAS IN PIPE  
 190 FEET OF THIN WATERY MUD

MEASURED FROM TESTER VALVE

### REMARKS :

CHARTS INDICATE MINOR TOOL PLUGGING DURING THE EARLY PORTION OF THE FIRST FLOW PERIOD.

