

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

SIDE ONE

plugged 11-29-87

5

API NO. 15-191-22,011-0000  
County Summer  
C NW/4 SW/4 9 30S 3W East  
Sec. Twp. Rge. East West

Operator: License # 6785  
Name Robert Schulein  
Address 1776 Lincoln Street, Suite 811  
City/State/ZIP Denver, Colorado 80203

1980  
4620  
Ft North from Southeast Corner of Section  
Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser

Lease Name Leddy Well # 12-9

Operator Contact Person Robert Schulein  
Phone 303-839-5495

Field Name Leddy

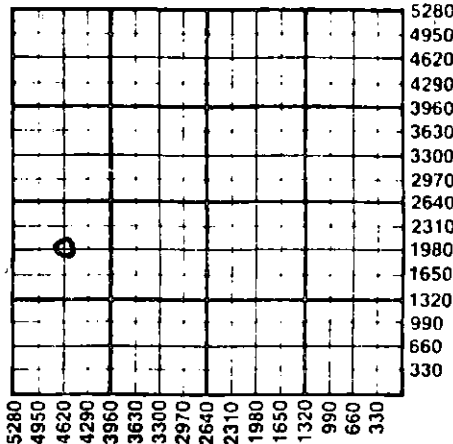
Producing Formation

Contractor: License # 5302  
Name Red Tiger Drilling Company

Elevation: Ground 1352' 1357' KB

Wellsite Geologist Macklin Armstrong  
Phone 316-722-5141

Section Plat



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

WATER SUPPLY INFORMATION

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

Disposition of Produced Water: Disposal  
Docket # Repressuring

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
11/19/87 11/28/87 11/29/87  
Spud Date Date Reached TD Completion Date  
4,320'  
Total Depth PBTD 252.90  
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...feet depth to...w/...SX cmt  
Cement Company Name  
Invoice #

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.) 4000 Ft West from Southeast Corner Sec 8 Twp 30S Rge 3 East West  
Steffen Farms, Conway Springs, KS 67031  
Other (explain)  
(purchased from city, R.W.D. #)

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 Robert Schulein

Title Operator Date 12-9-87

Subscribed and sworn to before me this 9th day of December 1987

Notary Public Georgia D. Larson

Date Commission Expires July 3, 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 (Specify)

STATE CORP COMMISSION

Form ACO-1 (5-86)

DEC 11 1987  
12-11-87  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 9 Twp 30S Rge 3W

Operator Name Robert Schulein Lease Name Leddy Well # 12-9

Sec. 9 Twp. 30S Rge. 3W  East  West County Sumner

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: 3220-3250:30-60-45-90. Strong blow, 8", 1st open. Final flow strong blow to bottom of bucket in 32 min. Rec. 390' gas in pipe. 85' gassy muddy wtr w/scum of oil, 2% oil, 18% gas, 20% mud, 60% wtr. IHP 1552; IFP 52-63; ISIP 1135; FFP 75-86; FSIP 1135; FHP 1552. BHT 101°.

DST #2: 3819-3822: Misrun.

DST #3: 3818-36': (Mississippian). Initial open with strong blow. Gas to surface at beginning of finan shut-in. 30-60-40-90. IHP 1974; IFP 150-162; ISIP 1435; FFP 185-208; FSIP 1435; FHP 1929. BHT 109°. Rec. 90' gassy oil, 44 gravity, 120' gassy mud cut oil, 180' gassy wtr, 57,000 ppm chlorides.

Name	Top	Bottom
Sample	Log	Datum
Heebner	2624'	2623' (-1265)
Brown Lime	2891'	2892' (-1535)
Stalnaker	2923'	2921' (-1564)
Kansas City	3218'	3212' (-1855)
Stark	3341'	3340' (-1983)
** Cherokee	3639'	3640' (-2283)
Mississippian	3811'	3819' (-2462)
Kinderhook	4186'	4188' (-2831)
Simpson	4268'	4270' (-2913)
Total Depth	4320'	4324' (-2967)

\*\* Following tops should be inserted.

Base KC	3421'	3422' (-2065)
Marmaton	3502'	3505' (-2148)

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#	261.30'	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