

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 # 6785
Name Robert Schulein
Address 1776 Lincoln St. #811
City/State/Zip Denver, Colorado 80203
Purchaser National Cooperative Refinery Assoc
McPherson, Kansas
Operator Contact Person Robert Schulein
Phone 303-839-5495
Contractor: License # 5302
Name Red Tiger Drilling Company
Wellsite Geologist Macklin Armstrong
Phone 316-722-5141

Designate Type of Completion

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

If OWHO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

9/10/85 9/17/85 10/15/85
Spud Date Date Reached TD Completion Date
4,685' 4676'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 425 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. 15-083-21,210-0000

County Hodgeman

C SW/4 SE/4 Sec. 9 Twp. 24S Rge. 22W ☐ East ☒ West

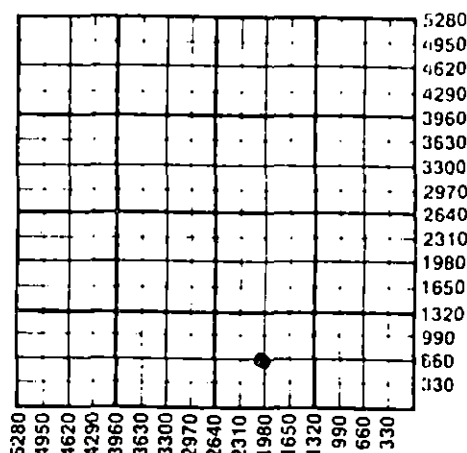
554' Ft North from Southeast Corner of Section
2086' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Herrmann Well # 15-9

Field Name Melleker North

Producing Formation Mississippian

Elevation: Ground *2,339' KB. 2,344'
*Corrected GR elevation Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal
Docket # ☐ Reprassuring

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 4200' Ft North from Southeast Corner
(Stream, pond etc.) 800' Ft West from Southeast Corner
Sec 7 Twp 24S Rge 22 ☐ East ☒ West
Earl Schaffer, Jetmore, Ks. 67854

☐ 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 Robert Schulein

Title Owner/Operator Date 10-21-85

Subscribed and sworn to before me this 21st day of October 1985

Notary Public Bernice A. Larson
1776 Lincoln St., #811, Denver, Colorado 80203

Date Commission Expires July 3, 1988

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)		
RECEIVED		
STATE CORPORATION COMMISSION		

Form ACO-1 10-23-85

CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Robert Schulein Lease Name Herrmann Well # 15-9
Sec. 9 Twp. 24S Rge. 22W East
County Hodgeman West

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

Name Top Bottom

DST #1: 4619-4675'; Open 30 min, weak blow increasing to fair, 4 1/2" in bucket. Chart showed plugging. SI 60 min. Open 60 min, weak blow increasing to strong off bottom of bucket in 47". Chart again showed some plugging, SI 90 min. Recovered 300' gas in pipe, 60' clean oil (36° grav cor), 180' oil cut mud (4% gas, 11% oil, 85% mud). IHP 2496; IFP 91-119; ISIP 1147; FFP 119-155; FSIP 1147; FHP 2468. Temp 121°.

DST #2: 4634-4685'; open 45 min, fair blow increasing to strong. SI 60 min. Open 60 min, weak blow increasing to strong. SI 90 min. Recovered 310' oil cut mud, 480' clean gassy oil (35° gr cor) 210' frothy muddy oil, 150' salt wtr (28,000 Chl). IHP 2487; IFP 128-311; ISIP 1128; FFP 357-503; FSIP 1128; FHP 2468. Temp 121°.

	Sample	Log	Datum
Heebner	3950	3948	(-1603)
Toronto	3969	3969	(-1624)
Brown Lime	4037	4035	(-1690)
Lansing	4048	4047	(-1702)
Bs. KC	4407	4405	(-2060)
Marmaton	4429	4427	(-2082)
Pawnee	4518	4515	(-2170)
Ft. Scott	4571	4570	(-2225)
Cherokee	4597	4595	(-2250)
Mississippian	4658	4655	(-2310)
TD	4685	4686	(-2341)

RELEASED

FEB 16 1987

CASING RECORD ☒ New ☐ Used								FROM CONFIDENTIAL	
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"	23#	425'	60/40 Poz	260	2% Gel 3% CC		
Production	7 7/8"	5 1/2"	15.5#	4,684'	EA-2	125			
					Lite	450			
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record					
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)				Depth	
	Perfd 4670-4673' w/9 jets			250 gal 15% MOD 202 acid w/5% Servisol.					
TUBING RECORD				Liner Run ☐ Yes ☒ No					
Size Set At Packer at									
151 jts, 4640', 2-7/8" EUE 8rd tbq.									
Date of First Production	Producing Method								
10-15-85	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....								
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity			
	60 bbls	0 MCF	30 bbls	CFPB		38.2 @ 78°			

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation
☐ Sold ☐ Other (Specify) 4670-4673'
☐ Used on Lease
☐ Dually Completed
☐ Commingled