

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 Street, #811
Denver, Colorado 80203
City/State/Zip

Purchaser

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 ONNO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

4/11/86 4/23/86 5-22-86
Spud Date Date Reached TD Completion Date
5,289'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 252.84 feet
Multiple Stage Cementing Collar Used? ☐ Yes ☐ No
If yes, show depth set

API NO. 15-083-21,249

County Hodgeman

N/2 SE/4 9 24S 22W ☐ East
Sec Twp Rge ☒ West

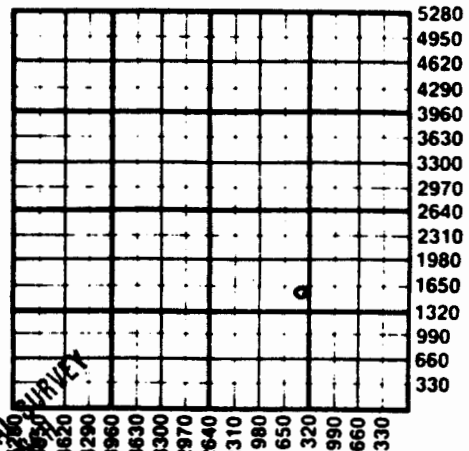
1550 Ft North from Southeast Corner of Section
1410 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Herrmann Well # 9-9

Field Name Melleker North

Producing Formation

Elevation: Ground 2309' KB 2314'
Elevation Corrected Section Plat



JUN 06 1986
KANSAS GEOLOGICAL SURVEY
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 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

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	SWD WELL Injecting approximately 400 BWPd. Kansas Corporation Commission granted temporary approval by letter dated May 22, 1986, Application #D-24,714.				

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Sold

☒ Open Hole ☐ Perforation
☐ Other (Specify)

SIDE TWO

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

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: 4597-4670'; Open 30 minutes, weak blow building to strong off bottom of bucket in 14 minutes. Shut-in 60 minutes. Open 60 minutes, weak blow building to strong off bottom of bucket in 20 minutes. Shut-in 90 minutes. Recovered 960' slightly oil and gas cut muddy water (3% oil, 4% gas, 35% mud, 58% water, chl 38,000). IHP 2357; IFP 82-265; ISIP 1091; FFP 302-485; FSIP 1064; FHP 2357; Temp. 118°.

Name	Top	Bottom
	Sample	Log Datum
Heebner	3925	3920 (-1606)
Toronto	3948	3945 (-1631)
Brown Lime	4012	4007 (-1693)
Lansing	4025	4020 (-1706)
Bs. KC	4384	4380 (-2066)
Marmaton	4405	4401 (-2087)
Pawnee	4493	4491 (-217)
Ft. Scott	4548	4546 (-2232)
Cherokee	4570	4570 (-2256)
Mississippian	4644	4644 (-2330)
Osage	4704	4702 (-2388)
Kinderhook	4880	4878 (-2564)
Viola	5018	5014 (-2700)
Arbuckle	5150	5150 (-2836)
Total Depth	5289	5289 (-2975)

CASING RECORD ☒ New ☐ 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"	23#	261.24'	60/40 Poz	165	3% CC, 2% Gel
Production	7 7/8"	5 1/2"	15.5#	5.199'	Class A	610	1% Floseal per sx foamed w/N2; 100 sx 50/50 Pozmix 10% Salt 3/4 of 1% CFR2, 50,000 Cubic Feet Nitrogen Acid, Fracture, Shot, Cement Squeeze Record

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD Size 2-7/8" Set At 5152' Packer at 5155' L Lner Run ☐ Yes ☐ No
Arrow plastic lined tension pkr set at 5155' w/17,000# tension.

Date of First Production Producing Method
☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain)