

SIDE ONE

25-9-1985 6/2/85
6-2-86 KCC

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

API NO. 15 087-20,125
County Jefferson

DESCRIPTION OF WELL AND LEASE **CONFIDENTIAL**

NW NW NW Sec 25 Twp 9S Rge 19
(location) | X East West

Operator: license # 9761
name Jerry Lutz
address Route U.S. 131 South
Reed City, Michigan 49677
City/State/Zip 913-863-2922

4950 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Operator Contact Person Tom W. Stander
Phone 913-841-5366

Lease Name Delbert Brunk Well# 4

Field Name McLouth

Contractor: license # 6792
name Caney Valley Drilling, Inc.

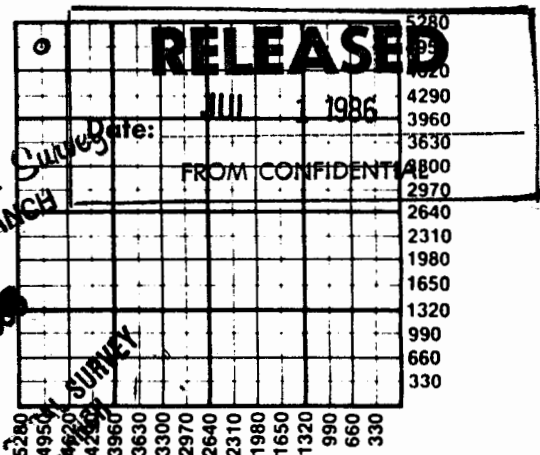
Producing Formation Lower McLouth

Elevation: Ground 1136 KB

Wellsite Geologist Tom W. Stander
Phone 913-841-5366

Section Plat

PURCHASER Ross-Pope Drig., Equip., Co., Inc.
Rte 4 Mineral Wells, Tx. 76067
Date 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
2/26/85 3/2/85 3/2/85
Sp. Date Date Reached TD Completion Date
1800 1708
Total Depth PBTD
An. of Surface Pipe Set and Cemented at 275 feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set feet
If alternate 2 completion, cement circulated N/A
from feet depth to w/ SX cmt

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # N/A
 Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket #

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. Rules 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 confidentiality in excess of 12 months.

All 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

Operator Name Jerry Lutz Lease Name Leibert Brunk Well# 4 SEC 25 TWP. 9S RGE. 19 East 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

See attached sheet.

See attached sheet.

TUBING RECORD size <u>none</u> set at _____ packer at _____		Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production	Producing method <input checked="" 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
	0	175	0
	Bbls	MCF	Bbls
			Gas-Oil Ratio
			0
			CFPB
			Gravity
			-

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify) _____

Dually Completed.
 Commingled

PRODUCTION INTERVAL

1600-1604

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 Production	12 1/4"	8 5/8"	19.5	275'	Portland	150	3% calcium
	6 1/2"	4 1/2"	9.5	1708	OWC	80	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
3	1600-1604	none	

25-9-198

CONFIDENTIAL

Driller Logs February 26, 1985 - March, 1985
Brunk #4 NW, NW, NW Sec. 25, T9S, R19E
API # 15-087-20,125 Caney Valley

0-32	32	clay	689-708	19	limestone
32-59	27	sandy clay	708-717	9	shale
59-84	25	shale	717-722	5	limestone
84-102	18	gravel	722-733	11	shale
102-113	11	limestone	733-743	10	limestone
113-123	10	shale	743-758	15	shale
123-147	24	limestone	758-765	8	limestone
147-181	34	shale	765-781	16	shale
181-197	18	sandy shale	781-786	5	limestone
197-200	3	limestone	786-791	5	shale
200-203	3	shale	791-796	5	limestone
203-233	30	sandy shale	796-802	6	shale
233-239	6	limestone	802-877	75	limestone
239-244	5	shale	877-1015	38	shale
244-275	31	limestone	1015-1021	6	limestone
275-422	147	shale	1021-1035	14	shale
422-430	8	limestone	1035-1040	5	limestone
430-547	117	shale	1040-1058	18	shale
547-551	4	limestone	1058-1061	3	limestone
551-556	5	shale	1061-1070	9	shale
556-569	13	limestone	1070-1083	13	limestone
569-572	3	shale	1083-1387	304	shale
572-577	5	limestone	1387-1395	8	sand
577-596	19	shale	1395-1592	197	sandy shale
596-618	22	limestone	1592-1616	24 ft. core	10 ft shale
618-645	27	shale		14 ft. sand	
645-658	13	limestone	1616-1640	24	sand
658-689	31	shale	1640-1800		T.D. Mississippi Limestone

JUL 1 1985
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WICHITA BRANCH

SEP 2 3 1985
State Geological Survey
WICHITA BRANCH

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MAY 2 8 1985

CONSERVATION DIVISION
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Wichita, Kansas

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Released

25-9-196

Summary

D. Brunk #4 API #15-087-20,125
cNW,NW,NW Sec.25 , T9S, R19E, Jefferson County, Kansas
Surface elevation: 1136 ft. A.S.L. Topo
All depths from surface elevation. ground level

Electric Log Picks

<u>Geologic Section</u>	<u>Depth</u> (feet)	<u>Datum</u> (ft. ASL)	<u>Remarks</u>
T. Oread limestone			
T. Douglas Group (T. Lawrence Fm.)			
T. Stranger Formation			
T. Lansing Group (T. Stanton lm.)			
T. Vilas shale			
T. Plattsburg limestone			
T. Kansas City (T. Bonner Springs)	606	530	
T. Wyandotte limestone	642	494	
T. Lane shale	721	415	
T. Iola limestone	732	404	
T. Chanute shale	764	372	
T. Drum limestone	780	356	
T. Cherryvale shale	786	350	
T. Dennis limestone	806	330	
T. Galesburg shale	832	304	
T. Swope limestone	836	300	
T. Ladore shale	858	278	
T. Hertha limestone	862	274	
B. Kansas City (B. Hertha/ T. Pleasanton Group)	889	247	
T. Marmaton Gp.(T. Lenapah lm.)	1016	+120	
T. Nowata shale	1032	+104	
T. Altamont limestone	1036	+100	
T. Bandera shale	1063	+ 73	
T. Pawnee limestone	1066	+ 70	
T. Labette shale	1091	+ 45	
T. Fort Scott limestone	1098	+ 38	
T. Cherokee Group	1109	+ 27	
T. Squirrel sandstone			Not Present
T. Bevier coal bed	1198	- 62	
T. Ardmore limestone			Not Present
T. Croweburg coal bed	1230	- 94	
T. Upper Cattleman sandstone	1238	-102	15 ft. shaly sandstone, 7-9 ohms water wet
T. Fleming coal bed	1278	-142	
T. Mineral coal bed	1302	-166	
T. Scammon coal bed	1350	-214	
T. Middle Cattleman ss.	1361	-225	6 ft. shaly sandstone, 9 ohms, water
T. Lower Cattleman ss.	1387	-251	8 ft. shaly sandstone 5-6 ohms water
T. Tebo coal bed			Not Present
T. Weir-Pittsburg coal bed	1425	-289	

JUL 10 1965

STATE GEOLOGICAL SURVEY
WICHITA BRANCH

SEP 2 8 1965

State Geological Survey
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Not Present

Not Present

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Summary Continued

<u>Geologic Section</u>	<u>Depth</u>	<u>Datum</u>	<u>Remarks</u>
T. Dry Wood coal bed	1497	-354	
T. Rowe coal bed			Not Present
T. Neutral coal bed	1516	-373	
T. Upper McLouth sandstone			Not Present
T. Middle McLouth sandstone	1573	-430	6 ft. oil sandstone, good show 12 ohms, about 20-30% oil sat.
T. Lower McLouth sandstone	1601	-458	39 ft. clean sandstone, heavy early oil in core, gassy top 12 ft. 30-10 ohm oil, tar, gas zone.
T. Burgess sandstone		Not Present	bottom 37 ft. water wet 10-3
T. Mississippian limestone	1640	-497	
T. 40 foot dolomite zone	1678	-535	No show
T. Osage (Burlington/Keokuk)	1766		No show
T.D.	1800		Mississippi Osage Zone

JUL 20 1986

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

SEP 23 1985

State Geological Survey
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