

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 # 9861
Name Cart Oil Company
Address 3002 S. Hillside
City/State/Zip Wichita, KS 67216

Purchaser

Operator Contact Person Wayne Horst
Phone 316-684-9290

Contractor: License # 8241
Name Emphasis Oil Operations

Wellsite Geologist Robert W. Smith
Phone 316-546-3362 (home)

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
10-02-84 10-11-84 10-11-84
Spud Date Date Reached TD Completion Date
4474' RTD none
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 523 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. 15-135-22,682-0000
County Ness
C SE NE Sec. 11 Twp. 20S Rge. 24 East West

3300 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

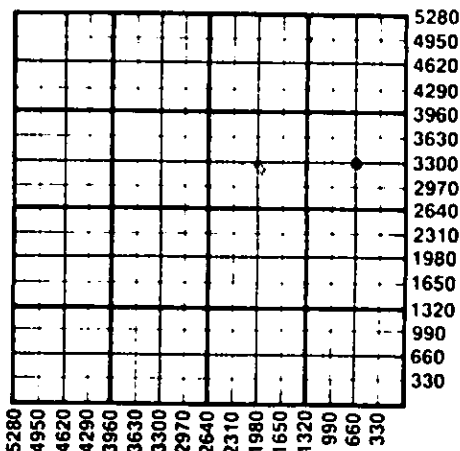
Lease Name Rothe Well # 1

Field Name

Producing Formation Mississippian

Elevation: Ground 2317 KB 2322

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater 4950 Ft North from Southeast Corner
(Well) 1320 Ft West from Southeast Corner of
Sec 16 Twp 20S Rge 23 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 [Signature] Title Date

Subscribed and sworn to before me this 30th day of June 1987
Notary Public [Signature] My Comm. Expires June 30, 1989

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)

Sec. 11, Twp. 20S, Rge. 24W-2

SIDE TWO

Operator Name Cart Oil Company Lease Name Rothe Well # 1
 Sec. 11 Twp. 20S Rge. 24 East West County Ness

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

4340' in the Fort Scott which in the samples is a cream to tan, microcrystalline to finely crystalline limestone, fossiliferous/oolitic in part with some good pin point inter-crystalline porosity there was a fair to good show of light brown free oil, with good yellow fluorescence that gave a weak streaming blue white cut and was weakly bleeding gas but had no odor.
 4354' in the Fort Scott the samples are as above described but additionally are slightly to moderately cherty, mostly fresh white to gray and fossiliferous in which there was a show as above described.
 4396' Cherokee Formation is a limestone which is white to cream, microcrystalline to finely crystalline, fossiliferous in part, with some scattered light to med. brown stain and some gilsonite in very poor to poor crystalline porosity and in which

| Name | Top | Bottom |
|---------------|------|--------|
| Anhydrite | 1579 | |
| Heebner | 3757 | |
| Lansing | 3813 | |
| B./KC | 4144 | |
| Pawnee | 4261 | |
| Fort Scott | 4336 | |
| Cherokee | 4363 | |
| Mississippian | 4465 | |

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CONSERVATION DIVISION
 Wichita, Kansas

| CASING RECORD <input 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" | | 523' | 65/35 POZ Class A | 200 75 | 2% cc, 6% gel 2% cc 5% 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

WELL LOG continued page2

there was a fair show of free oil in fair to some good pin point inter-crystalline porosity with yellow fluorescence, that gave a fair blue white cut and had a weak odor.

4422' the rocks are a creamy, gray, microcrystalline, cherty limestone with gilsonite and poor to fair tripolitic porosity (in the chert) in which there was a poor show of free oil and with a trace show of free oil in the lime that fluoresced yellow, gave a fair yellow cut and had a fair odor.

4434' the rock had graded to a cream, white, yellow, gray, limey chert, with a fair to some good tripolitic porosity and much gilsonite, in which there was a fair show of free oil with yellow cut and had a fair odor.

4452' the samples are of a varicolored chert with fair to good tripolitic porosity and much gilsonite in which there was a poor to fair show of free oil with fair odor.

4465' the Mississippian Formation is a microcrystalline, chalky limestone with much cream to tan, yellow and green chert with poor to good tripolitic porosity and much gilsonite which there was a fair to good show of free oil with a fair odor.

DST #1 Fort Scott 4310'-4360', 30/60/30/60 , IHP 2231 FHP 2177 BHT 124
IFP 77/77 1 1/2" blow slowly increased to 5"

ISIP 996

FFP 121/121 1 1/2" blow throughout

FSIP 996

Recovered 140' watery mud- 14% water, 86% mud 30,000 chlorides

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