

RELEASED

SIDE ONE

7-6-20W KCC

STATE CORPORATION COMMISSION OF KANSAS

Date: **MAR 1 1987** & GAS CONSERVATION DIVISION

FROM CONFIDENTIAL WELL COMPLETION OR RECOMPLETION FORM

ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5242
Name Petroleum Management, Inc.
Address 400 North Woodlawn, Suite 201
City/State/Zip Wichita, Kansas 67208

Purchaser Koch Oil Company

Operator Contact Person Dale Silcott
Phone 316-686-7287

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist R. D. Reber, Jr.
Phone 686-7287

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
10/28/85 11/4/85 11/21/85
.....
Spud Date Date Reached TD Completion Date
3,532'
.....
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 361 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1645' feet
If alternate 2 completion, cement circulated
from 1645' feet depth to surface / 350 SX cmt

API NO. 15- 163-22,788
County Rooks
SW/4 NW/4 NW/4 Sec 7 Twp 6S Rge 20W East West

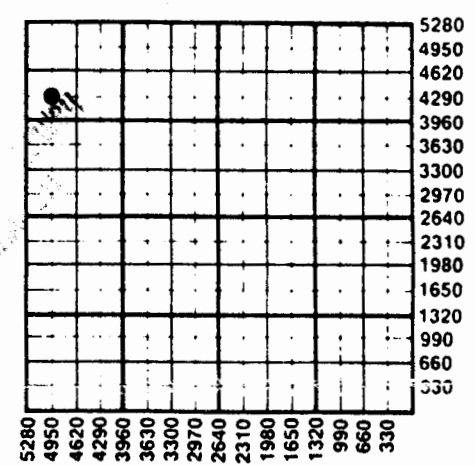
4290 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Wallgren "B" Well # 3

Field Name RAY

Producing Formation Lansing-Kansas City

Elevation: Ground 2125' KB 2130'
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 # T. 85-933
 Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge East West
 Surface Water 1500 Ft North from Southeast Corner
(Stream) pond etc. 4100 Ft West from Southeast Corner
Sec 6 Twp 6S Rge 20 East West
Bow Creek
 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 our knowledge.

SIDE TWO

Operator Name Petroleum Management, Inc. Lease Name Wallgren "B" Well # 3

7 6S 20W East West County Rooks

| | | | | | |
|-----------------------------------|-------------------|------------|---------------------|-----------------------|---------|
| Estimated Production Per 24 Hours | Oil 43.91 bbls | Gas --- | Water 24.69 bbls | Gas-Oil Ratio CFPB | Gravity |
|-----------------------------------|-------------------|------------|---------------------|-----------------------|---------|

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 3184' - 3198'

Open 45 min w/very weak, steady blow.
 Closed 45 min. Open 30 min w/weak blow after flushing tool; blow died in 10 min.
 Closed 45 min. Recovered 5 ft. mud-cut oil.

IFP 32-33 psi FFP 45-54
 ISIP 1052 FSIP 1037

| Name | Top | Bottom |
|-------------------|-------|--------|
| Base Ft. Hays | 288' | |
| Stone Corral | 1630' | |
| Base Stone Corral | 1662' | |
| Wabaunsee | 2756' | |
| Topeka | 3024' | |
| Oread | 3187' | |
| Hebner | 3231' | |
| Toronto | 3254' | |
| Lansing | 3271' | |
| Base K.C. | 3464' | |
| Marmaton | 3490' | |
| Granite Wash | 3504' | |
| Granite | 3512' | |
| RTD | 3535' | |

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" | 20# | 366' | 60/40 Poz | 350 | 3% Gel, 3% CC |
| Production | 7 7/8" | 4 1/2" | 10.5# | 3,508' | 60/40 Poz Lite | 150 350 | 2% KCL Water 7# per sx Gilsonite |

| Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|--|-------|
| | 3250' - 3345' | | |
| | 3268' - 3367' | | |
| | 3299' - 3413' | | |
| | 3320' - 3427' | Squeezed with 25 sx. common cmt, 6/10% Halad 9 | |
| | 3272' - 3281' | 378 gal reg. acid w/iron inhibitor 1000 gal MCD 101 w/10# Fercheck | |

TUBING RECORD Size 2" Set At 3495' Packer at None Liner Run Yes No

Date of First Production 11/22/85 Producing Method Flowing Pumping Gas Lift Other (explain).....