

17-14-22E

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 # 8653
name Petroleum Technologies, Inc.
address 4005 E. Kellogg
City/State/Zip Wichita, KS 67218

Operator Contact Person Grant B. Gardner
Phone (316) 687-9963

Contractor: license # 9003
name Central Plains Oil and Gas

Wellsite Geologist N/A
Phone

Purchaser: Amoco Production Co.
Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp
 Dry Other (Core, Water Supply etc.)

WWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
6-30-84 7-2-84 7-10-84
Spud Date Date Reached TD Completion Date

970
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 20 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from 20 feet depth to Surface w/ 5 SX cmt

API NO. 15 091-21,275
County Johnson
C NW NE NW SE Sec 17 Twp 14S Rge 22 East West

2475 Ft North from Southeast Corner of Section
1815 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

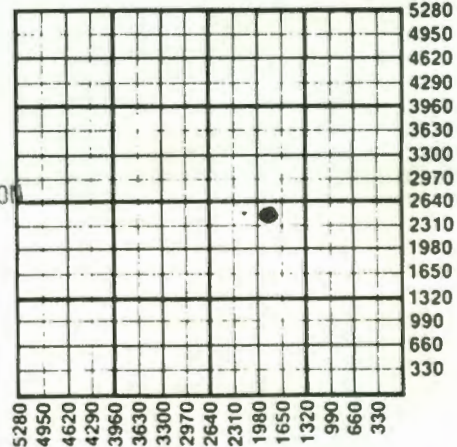
Lease Name Kramer Well# 17-11

Field Name N/A

Producing Formation Bartlesville

Elevation: Ground N/A KB N/A

Section Plat



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WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

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 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.

366-41-01

SIDE TWO

00084

Operator Name Petroleum Technologies, Inc. Lease Name Kramer Well# 17-11-SEC 17 TWP. 14 RGE. 22 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

Driller's Log Attached

| | | | | | | | |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|---------------|-----------|------------------------------|----------------------------------------|
| TUBING RECORD | | size | set at | packer at | Liner Run | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Date of First Production | Producing method <input type="checkbox"/> flowing <input checked="" 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 | | | |

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION: open hole perforation other (specify)

PRODUCTION INTERVAL: Bartlesville

Dually Completed. Commingled

| 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 1/2 | 7 | 14 | 20 | Thixotropic | 5 | N/A |
| Production | 6 1/2 | 4 1/2 | 9 | 930 | Thixotropic | 110 | N/A |

| PERFORATION RECORD | | Acid, Fracture, Shot, Cement Squeeze Record | |
|--------------------|---------------------------------------------|---------------------------------------------|-------|
| shots per foot | specify footage of each interval perforated | (amount and kind of material used) | Depth |
| 4 | 869-73 | 100 gal. acid 4000# sand | |

P1
17-14-22E

KRAMER 17-11

17-14-22E

DRILLERS LOG

| <u>THICKNESS</u> | <u>FORMATION</u> | <u>DEPTH</u> |
|------------------|------------------|---------------------|
| 4 | Dirt | 4 |
| 24 | Clay | 28 |
| 6 | Lime | 34 |
| 9 | Shale | 43 |
| 18 | Lime | 61 |
| 3 | Shale | 64 |
| 4 | Dirt | 68 |
| 2 | Shale | 70 |
| 3 | Lime | 73 |
| 10 | Shale | 83 |
| 20 | Lime | 103 |
| 17 | Shale | 120 |
| 76 | Lime | 196 |
| 30 | Shale | 226 |
| 9 | Lime | 235 |
| 20 | Shale | 253 |
| 6 | Lime | 259 |
| 6 | Shale | 265 |
| 17 | Lime | 282 |
| 26 | Shale | 308 |
| 2 | Lime | 310 |
| 8 | Shale | 318 |
| 27 | Lime | 345 |
| 7 | Shale | 352 |
| 23 | Lime | 375 |
| 3 | Coal | 378 |
| 5 | Lime | 383 |
| 4 | Shale | 387 |
| 7 | Lime | 394 |
| 153 | Shale | 547 W/Lime streaks |
| 3 | Coal | 550 |
| 17 | Shale | 567 W/Lime streaks |
| 45 | Lime | 612 W/Shale streaks |
| 3 | Coal | 615 |
| 16 | Lime | 631 W/Shale streaks |
| 2 | Red Bed | 633 |
| 30 | Lime | 663 W/Shale streaks |
| 3 | Coal | 665 |
| 2 | Shale | 667 W/Lime streaks |
| 3 | Sand | 670 |
| 34 | Shale | 734 |
| 6 | Sand | 740 |

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State Geological Survey
WICHITA BRANCH

87
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KRAMER 17-11

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DRILLERS LOG

THICKNESS

FORMATION

DEPTH

| <u>THICKNESS</u> | <u>FORMATION</u> | <u>DEPTH</u> |
|------------------|------------------|---------------------------|
| 20 | Sandy Shale | 760 |
| 3 | Coal | 763 |
| 30 | Shale | 793 W/Lime streaks |
| 2 | Coal | 795 |
| 15 | Shale | 810 W/Lime streaks |
| 9 | Sand | 819 |
| 36 | Shale | 855 W/Lime streaks |
| 2 | Lime | 857 |
| 10 | Oil Sand | 867 Core Point |
| 69 | Shale | 936 W/Lime & Coal streaks |
| 3 | Coal | 939 |
| 41 | Shale | 980 W/Lime & Coal streaks |

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