

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 30451
Name: KanMap, Inc.
Address: 2003 West Maple
City/State/Zip: Independence, KS 67301
Purchaser: Cherokee Methane Corporation
Operator Contact Person: Ritch A. Larsh
Phone: (316) 331-3140
Contractor: Name: MOKAT Drilling
License: 5831
Wellsite Geologist: Vance K. Cain

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: KanMap, Inc.
Well Name: Felts 9-22
Original Comp. Date: 8/13/93 Original Total Depth: 1050
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Enhr.?) Docket No.

Spud Date or Recompletion Date: _____ Date Reached TD: 4/3/01 Completion Date or Recompletion Date: _____

API No. 15 - 125-29,739-00-02
County: Montgomery
C E / 2 NE SE Sec. 22 Twp. 33 S. R. 16 East West
1980 feet from S / N (circle one) Line of Section
495 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Felts Well #: 9-22
Field Name: Wildcat
Producing Formation: Weir - Riverton
Elevation: Ground: 757 Kelly Bushing: _____
Total Depth: 1050 Plug Back Total Depth: 1050
Amount of Surface Pipe Set and Cemented at 41 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 150
feet depth to surface w/ 110 sx cmt.

Drilling Fluid Management Plan
(Data may be collected from the Reserve Pit)
Chloride Content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

CONSERVATION DIVISION

RECEIVED
MAY 17 2001
KANSAS CORPORATION COMMISSION

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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: Glenda K Bryant
Title: General Manager Date: 5-16-2001
Subscribed and sworn to before me this 16 day of May, 2001.
Notary Public: Glenda K Bryant
Date Commission Expires: 9-15-2001

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
GLEND A. K. BRYANT
Notary Public - State of Kansas
My Appt. Expires 9-15-2001

✓

Operator Name: KanMap, Inc. Lease Name: Felts Well #: 9-22
 Sec. 22 Twp. 33 S. R. 16 East West County: Montgomery

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

| <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
|---|----------------------------------|---------------------------------|
| Name | Top | Datum |
| Pawnee LS | 422 | 335 |
| Ft Scott Ls | 526 | 231 |
| Mulky Coal | 592 | 165 |
| Weir Coal | 801 | -44 |
| Riverton Coal | 1018 | -261 |
| Mississippi Ls | 1033 | -276 |

List All E. Logs Run:
 * Previously Submitted
 * Dual Induction Log
 Compensated Density Log
 Sonic Cement Bond Log

| 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 | 10.5 | 7" | 20# | 41' | Portland | 125 | none |
| Production | 6.25 | 4.5" | 10.6# | 1050 | 60/40 POZ | 110 | 2% Gel 5% Gilsonite 5% Sal Flo Seal |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 4 | 1019 - 1022 3.5" Strip 23gram | 150 Ga' 15% HCL Frac w/420 bbl city wtr and 6200# 20/40 sd | |
| 4 | 802-806 3.5" Strip 23 gram | Frac w/19068 gal city wtr and 4200# 20/40 sd | |

| TUBING RECORD | | Size | Set At | Packer At | Liner Run |
|---|-----------|---------|---|---------------|---|
| | | 2.375 | 1032' | none | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Enhr. | | | 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 Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
| | | 15 | 25 bbls | | |

Disposition of Gas: Vented Sold Used on Lease (If Vented, Submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Weir-Riverton Coal
 Production Interval: Other (Specify)