

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32429
Name: CRAWFORD OIL & GAS, INC.
Address: PO BOX 51
City/State/Zip: COLDWATER, KS. 67029
Purchaser: PRG, LC = POST ROCK GAS
Operator Contact Person: CM CRAWFORD
Phone: (620) 582-2612
Contractor: Name: STRIDE WELL SERVICE, INC.
License: NONE
Wellsite Geologist: NONE
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: CRAWFORD OIL & GAS, INC
Well Name: L DEEWALL #1
Original Comp. Date: 4/10/2000 Original Total Depth: 6040'
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. CO 4012
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
3/24/01 Date of START Date Reached TD 3/28/2001 Completion Date or
OF WORKOVER Recompletion Date

API No. 15 - 033-21054-00-01
County: COMANCHE
E - SE - SE - NW Sec. 27 Twp. 33 S. R. 18 East West
2310 feet from S / (N) (circle one) Line of Section
2360 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: L DEEWALL Well #: 1
Field Name: BUTTERMILK EAST
Producing Formation: MISSISSIPPI/PAWNEE/HEARTHA
Elevation: Ground: 1976' Kelly Bushing: 1989'
Total Depth: 6040' Plug Back Total Depth: 5380'
Amount of Surface Pipe Set and Cemented at 664 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet deep to _____ w/ _____ sx cmt.
APR - 9 2001
Drilling Fluid Management Plan REWORK gfh 8/7/01
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Deaerating 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.: _____
RECEIVED
STATE CORPORATION COMMISSION
Wichita, Kansas

CONSERVATION DIVISION
Wichita, Kansas

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: [Signature]
Title: President Date: 4-11-01
Subscribed and sworn to before me this 11th day of April, 2001.
Notary Public: Pamela Price
Date Commission Expires: Feb. 29, 2004



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

ORIGINAL

Operator Name: CRAWFORD OIL & GAS, INC. Lease Name: L DEEWALL Well #: 1
 Sec. 27 Twp. 33 S. R. 18 East West County: COMANCHE

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| 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 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| 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 |
|--|---|---|---|
| | 5321-28 5269-87 5432-36 | | |
| 4SPF | 5154-62 | 2000 GAL. 15% ACID | |
| 4 SPF | 4964-72 | | |
| CONSERVATION DIVISION Wichita, Kansas Packer A | | CONSERVATION DIVISION Wichita, Kansas | |
| TUBING RECORD | Size Set At | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

| | |
|---|---|
| Date of First, Resumed Production, SWD or Enhr. 3/28/2001 | 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 |
| 0 | 40 32 |

Disposition of Gas METHOD OF COMPLETION Production Interval 4964-4972' + 5154'-5162' + 5321'-5328'

Vented Solid Used on Lease
 Open Hole Perf. Dually Comp. Commingled

(If vented, Submit ACO-18.)
 Other (Specify) _____

MISSISSIPPI 5269'-5287'
 PAWNEE/HEARTHA 5432'-5436'