

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

COPY

Operator: License # 5086
Name: PINTAIL PETROLEUM, LTD.
Address: 225 N. MARKET, STE. 300
City/State/Zip: WICHITA, KS 67202
Purchaser: _____
Operator Contact Person: FLIP PHILLIPS
Phone: (316) 263-2243
Contractor: Name: MALLARD DRLG., JV
License: 4958
Wellsite Geologist: FLIP PHILLIPS
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: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ 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. _____
5/8/03 5/15/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

RECEIVED
OCT 10 2003
KCC WICHITA

API No. 15 - 077-21453
County: HARPER
50'E E/2 W/2 NE Sec. 20 Twp. 33 S. R. 6 ☐ East ☒ West
1320 feet from S (N) (circle one) Line of Section
1100 1575 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: TRUBY D Well #: 1
Field Name: SHOHRVILLE EXTENSION
Producing Formation: MISSISSIPPIAN
Elevation: Ground: 1300 Kelly Bushing: 1305
Total Depth: 4520 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 280 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

1031.03
Chloride content 9000 ppm Fluid volume 480 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West
County: _____ Docket No.: _____

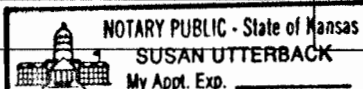
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: Best A. Bern
Title: GEOLOGIST Date: 9/1/03
Subscribed and sworn to before me this 1st day of September,
2003.
Notary Public: Susan Uttterback
Date Commission Expires: 9/7/06

KCC Office Use ONLY

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



Operator Name: PINTAIL PETROLEUM, LTD. Lease Name: TRUBY D Well #: 1
 Sec. 20 Twp. 33 S. R. 6 ☐ East ☒ West County: HARPER

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: Density Neutron | <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> RECEIVED OCT 10 2003 KCC WICHITA </div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><input checked="" type="checkbox"/> Log</td> <td style="width: 40%;">Formation (Top), Depth and Datum</td> <td style="width: 10%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>HEEBNER</td> <td>3193</td> <td>-1888</td> </tr> <tr> <td>IATAN</td> <td>3571</td> <td>-2260</td> </tr> <tr> <td>KC</td> <td>3815</td> <td>-2510</td> </tr> <tr> <td>BKC</td> <td>4040</td> <td>-2735</td> </tr> <tr> <td>CHER SHALE</td> <td>4244</td> <td>-2939</td> </tr> </table> | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample | Name | Top | Datum | HEEBNER | 3193 | -1888 | IATAN | 3571 | -2260 | KC | 3815 | -2510 | BKC | 4040 | -2735 | CHER SHALE | 4244 | -2939 |
| <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample | | | | | | | | | | | | | | | | | | | | |
| Name | Top | Datum | | | | | | | | | | | | | | | | | | | | |
| HEEBNER | 3193 | -1888 | | | | | | | | | | | | | | | | | | | | |
| IATAN | 3571 | -2260 | | | | | | | | | | | | | | | | | | | | |
| KC | 3815 | -2510 | | | | | | | | | | | | | | | | | | | | |
| BKC | 4040 | -2735 | | | | | | | | | | | | | | | | | | | | |
| CHER SHALE | 4244 | -2939 | | | | | | | | | | | | | | | | | | | | |

| 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 | # Sacjs Used | Type and Percent Additives |
| Surface | 12 1/4" | 8-5/8" | 23# | 280' | 60/40 poz | 200 | 2%gel 3%cc |
| Production | 7 7/8" | 4 1/2" | 10.5# | 4515' | ASC | 200 | |
| | | | | | | | |

| 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 |
|----------------|---|---|-------|
| 6 | 4434 - 4440 | 1500 gals 10% BCA | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|---|-----------------------|--|-------------|--|
| TUBING RECORD | Size 2-7/8" | Set At 4425' | Packer At | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enhr. not hooked up as of 10/8 | | 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 Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio Gravity |

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled _____
 (If vented, Submit ACO-18.) ☐ Other (Specify) _____

05/14/2003

DST #1 4416'-4434' 15"-30"-5"-0

1st Open: Weak blow - 1/4" in bucket - flushed tool twice, no help.

2nd Open: Weak blow 1/4" died - flush twice. Intermittent weak 1/4" blow.

Rec: 15' mud

IFP 16#-20# ISIP 33#

FFP 22#-29# FSP 28#

HYD 2225#-2156#

DST #2 4434'-4460' 30"-45"-45"-60"

1st Open: Strong blow, bottom of bucket in 15 seconds.

2nd Open: Strong blow, bottom of bucket immediately. Gas to surface in 1.5 minutes. Gauged as follows:

10 minute open, 1/4" choke 23.0 MCF

20 minute open, 1/4" choke 24.5 MCF, flow stabilized thru rest of 2nd opening.

IFP 28#-45# ISIP 1351#

FFP 26#-55# FSIP 1338#

HYD 2306#-2099# Temp 135°

COP