

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACC-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5086
 Name: Pintail Petroleum, Ltd.
 Address: 225 N. Market #300
 City/State/Zip: Wichita, KS. 67202
 Purchaser: NZA
 Operator Contact Person: Flip Phillips
 Phone: (316) 264-1144
 Contractor: Name: Mallard JV
 License: 4958
 Wellsite Geologist: Flip Phillips
 Designate Type of Completion
 New Well Re-Entry Workover
 Oil SVD SIOV Temp. Abd.
 Gas ENHR SIV
 Dry Other (Cape, VSV, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____
 Well Name: _____
 Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SVD
 Plug Back PSTD
 Commingled Decklet No. _____
 Dual Completion Decklet No. _____
 Other (SVD or Inj) Decklet No. _____
 1/28/98 2/5/98 2/5/98
 Spud Date Date Reached TD Completion Date

API NO. 15- 135240500000
 County Ness plugged 2/5/98
 C - NW Sec. 18 Twp. 19 Rng. 25 X
4100' Feet from X (circle one) Line of Section
3940' Feet from X (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE, SE or SW (circle one)
 Lease Name Antenen Well # 1
 Field Name Un-named
 Producing Formation N/A
 Elevation: Ground 2596 ss 2601
 Total Depth 4628 PSTD
 Amount of Surface Pipe Set and Cemented 204 @ 210 Feet
 Multiple Stage Cementing Cellar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 204'
 feet depth to Surface w/ 165 sx. sx cnt.
 Drilling Fluid Management Plan D+A, 7-29-98 v.c.
 (Data must be collected from the Reserve pit)
 Chloride content _____ ppm Fluid volume _____ bbls
 Desulfuring method used _____
 Location of fluid disposal if hauled offsite: _____
 Operator Name: 07-28-1998
 Lease Name _____ License No. _____
 _____ Quarter Sec. _____ Twp. _____ Rng. _____ E/W
 County _____ Decklet No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CA-A form with all plugged wells. Submit CA-III 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 Eric Schwartz
 Title GEOLOGIST Date 27 JULY 1998
 Subscribed and sworn to before me this 27th day of July
 19 98
 Notary Public Susan Utterback
 Date Commission Expires 9/2/98

E.S.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received

Distribution
 ESS SVD/Rep RSPA
 KCS Plug Other (Specify)

NOTARY PUBLIC - State of Kansas
 SUSAN UTTERBACK
 My Appt. Exp. 9/2/98

Operator Name Pintail Petroleum, Ltd.

Lease Name Antenen

Well # 1

Sec. 18 Twp. 19 Rge. 25

East
 West

County Ness

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
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample

| Name | Top | Datum |
|------------------|------|-------|
| Anhydrite | 1878 | 723 |
| Heebner | 3933 | -1332 |
| Lansing | 3974 | -1373 |
| Ft. Scott | 4499 | -1898 |
| Cherokee Shale | 4522 | -1921 |
| Mississippi Dol. | 4622 | -2021 |
| RTD | 4628 | -2027 |

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 | 24# | 210 | 60/40poz | 165sx | 2% gel |

ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|--|------------------|----------------|-------------|-------------------------------|
| <input checked="" type="checkbox"/> Plug Back TD | 1920' | 60/40 poz | 205 sx | 6% gel, 1/4# floreal per sack |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Field, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth |
|----------------|--|---|
| | | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run | <input type="checkbox"/> Yes <input type="checkbox"/> No |
|--|---|--------|-----------|---------------|--|
| Date of First, Resumed Production, SVD or Inj. | 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 | Gas | Water | Gas-Oil Ratio | Gravity |

Disposition of Gas:
 Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Injully Comp. Commingled
 Other (Specify) _____

Production Interval _____

ALLIED CEMENTING CO., INC. 9132

Federal Tax I.D.:

15-135-24050-0000 SERVICE POINT:

ORIGINAL

Great Bend, Ka

TO P.O. BOX 31
RUSSELL, KANSAS 67665

| | | | | | | | |
|-------------------------|------------------|---|-------------------|---------------------------|-----------------------------|---------------------------|---------------------------|
| DATE <i>2-4-98</i> | SEC. <i>18</i> | TWP. <i>19S</i> | RANGE <i>25-W</i> | CALLED OUT <i>7:00 PM</i> | ON LOCATION <i>10:30 PM</i> | JOB START <i>12:00 PM</i> | JOB FINISH <i>2:30 AM</i> |
| LEASE <i>Antecore</i> | WELL # <i>#1</i> | LOCATION <i>Beeler, Ka 3-5 1/4 E. to cattle guard 1/2 S</i> | | COUNTY <i>WASA</i> | STATE <i>Ka</i> | | |
| OLD OR NEW (Circle one) | | <i>2-E on leased Take N. Ven. rd. 1/4 mile E. into</i> | | | | | |

CONTRACTOR *Mallard Drilling Co.*
 TYPE OF JOB *Rotary plug*
 HOLE SIZE *9 7/8"* T.D. *4628'*
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE *4 1/2"* DEPTH *1920'*
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER _____
 CEMENT
 AMOUNT ORDERED *205 AX 60/40% poz 6% gel*
1/4" flaseal perisk.
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

EQUIPMENT
 PUMP TRUCK CEMENTER *Dennis A Smith*
 # *120* HELPER *Kerrin Rose*
 BULK TRUCK
 # *341* DRIVER *Larry Stevenson*
 BULK TRUCK
 # _____ DRIVER _____

TOTAL _____

REMARKS:

SERVICE

mixed 50ax @ 1920' (Displaced drill mud)
mixed 80ax @ 1000' " " 112"
mixed 40ax @ 220' " " "
mixed 10ax @ 40'
mixed 15ax - Rat hole
mixed 10ax - mouse hole

DEPTH OF JOB *1920'*
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE *35* @ _____
 PLUG *8 5/8" wooden wiper* @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

CHARGE TO: *Pintail Petroleum Ltd.*
 STREET *225 N. Market Suite 300*
 CITY *Wichita* STATE *Ka.* ZIP *67202*

FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TOTAL _____
 TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE _____

MARK ELSON
 PRINTED NAME

ALLIED CEMENTING CO., INC.

4615

15-135-24050-0000

ATTN: P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Neosho City

| | | | | | | | |
|--------------------------------|----------------|-----------------|------------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
| DATE <u>1-28-98</u> | SEC. <u>18</u> | TWP. <u>19</u> | RANGE <u>25</u> | CALLED OUT <u>7:40 pm</u> | ON LOCATION <u>8:45 pm</u> | JOB START <u>12:45 am</u> | JOB FINISH <u>1:15 am</u> |
| LEASE <u>Antanum</u> | | WELL # <u>1</u> | LOCATION <u>Beeler 3s 4E</u> | | | COUNTY <u>Neosho</u> | STATE <u>KS</u> |
| OLD OR <u>NEW</u> (Circle one) | | | | | | | |

CONTRACTOR Mallard Dwyer

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 210

CASING SIZE 8 5/8 DEPTH 210

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

OWNER _____

CEMENT

AMOUNT ORDERED
165 6 3/4 cc 2 1/2 in

COMMON @ _____

POZMIX @ _____

GEL @ _____

CHLORIDE 1 @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING @ _____

MILEAGE 22

TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER J. Weighman

224 HELPER B. White

BULK TRUCK

116 DRIVER B. Norton

BULK TRUCK

_____ DRIVER _____

REMARKS:

SERVICE

8 5/8 casing, max 165

6 3/4 cc 2 1/2 in Plug Down

13 BBL Plug Down

1:15 am Cemented Circ.

DEPTH OF JOB 210

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE 22 @ _____

PLUG Top Wood @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

Thanks

CHARGE TO: Pentacel Pet. Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]