

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

Operator: License # 5086
Name: Pintail Petroleum, Ltd.
Address 225 N. Market, #300
Wichita, KS 67202
City/State/Zip Wichita, KS 67202
Purchaser: N/A
Operator Contact Person: Flip Phillips
Phone (316) 264-1144
Contractor: Name: Mallard JV Inc.
License: 4958
Wellsite Geologist: Flip Phillips
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Other (Core, VSW, Expl., Cathodic, etc.)
 Dry
If Workover/Re-Entry: old well 30-30-1998
Operator: Wichita, Kansas
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
1-28-98 2-5-98
Spud Date Date Reached TD Completion Date
Rec by U.C. Rec by U.C.

API NO. 15- 135-24050-0000
County Ness
C SE SW Sec. 18 Twp. 19S Rge. 25 E
4100 Feet from SW (circle one) Line of Section
3940 Feet from SW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SW or SV (circle one)
Lease Name Antenen Well # 1
Field Name Unnamed
Producing Formation N/A
Elevation: Ground 2595 KS 2601
Total Depth 4628 PSTD _____
Amount of Surface Pipe Set and Cemented at 204' @ 210.87' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 210
feet depth to surface v/ 165 ss cnt.
Drilling Fluid Management Plan D&A 7-14-98 U.C.
(Data must 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. Rng. E/W
County _____ Docket 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 CP-111 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 Walter Phillips
Title Production Supervisor Date 6/19/98
Subscribed and sworn to before me this 19 day of June
19 98
Notary Public Patricia C Byler
Date Commission Expires 2/11/2001

E.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 ECC SWD/Rep NSPA
 EGS Plug Other (Specify)



Operator Name Pintail Petroleum, Ltd.

Lease Name Antenen

Well # 1

Sec. 18 Twp. 19S Rge. 25

East

County Ness

West

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
(Attach Additional Sheets.)

Yes No

Log

Formation (Top), Depth and Datum

Sample

Samples Sent to Geological Survey

Yes No

Name

Top

Datum

Cores Taken

Yes No

Heebner

3933

-1332

Electric Log Run
(Submit Copy.)

Yes No

Lansing

3974

-1373

List All E.Logs Run:

B/KC

4312

-1711

Marmaton

4353

-1752

Pawnee

4431

-1830

Ft. Scott

4499

-1898

Cherokee Sh

4522

-1921

Mississippi

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	Pozmix	165	3%cc, 2%gal

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
<u>D&A</u>	<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
	<u>NA</u>				

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

METHOD OF COMPLETION

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

Production Interval _____

ALLIED CEMENTING CO., INC.

15-135-24050-00-00
4615

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: Neosho City STATE: Mo

RECEIVED
BY COMMISSION

JUN 30 1998

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

CONTRACT DIVISION
Wichita, Kansas

CONTRACTOR Mallard Only
 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 Same
CEMENT

AMOUNT ORDERED
1165 6 3/4 3% cc 2" Gal

COMMON	<u>99</u>	@	<u>6.35</u>	<u>628.65</u>
POZMIX	<u>66</u>	@	<u>3.25</u>	<u>214.50</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER J. Weighman
 # 224 HELPER B. White
 BULK TRUCK
 # 116 DRIVER B. Norton
 BULK TRUCK
 # DRIVER

HANDLING 165 @ 1.05 173.25
 MILEAGE 22 145.20

TOTAL \$1330.10

REMARKS:

SERVICE

run 8 5/8 casing max 1165
6 3/4 3% cc 2" Gal Disp
13 BBL Plug Down
1:15 AM Cemented Case

DEPTH OF JOB	<u>210'</u>
PUMP TRUCK CHARGE	<u>470.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>22</u> @ <u>2.85</u> <u>62.70</u>
PLUG	<u>Top Wood</u> @ <u>45.00</u> <u>45.00</u>

Thanks

TOTAL \$577.70

CHARGE TO: Pintail Pet. Inc.
 STREET 225 N. Market #300
 CITY Wichita STATE Ko. ZIP 67202

FLOAT EQUIPMENT

@		
@		
@		
@		
@		

TOTAL

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.

TAX -0-
 TOTAL CHARGE \$1907.80
 DISCOUNT \$286.17 IF PAID IN 30 DAYS

net \$1621.63

SIGNATURE [Signature]

ALLIED CEMENTING CO., INC.

Federal Tax I.D.

9132

15-135-24050-00-00

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Great Bend, Kansas

RECEIVED

MISSION

2-5-98

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

CONSER. Wich. SIGN MSAS

CONTRACTOR Mallard Drilling Co. OWNER Same

TYPE OF JOB Rotary plug

HOLE SIZE 9 1/8" T.D. 4628' CEMENT

CASING SIZE _____ DEPTH _____ AMOUNT ORDERED 205ax 60/40% poz 6% gel

TUBING SIZE _____ DEPTH _____ 1/4" flo seal per axle

DRILL PIPE 4 1/2" DEPTH 1920'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____ COMMON 123 @ 6.35 781.05

MEAS. LINE _____ SHOE JOINT _____ POZMIX 82 @ 3.25 266.50

CEMENT LEFT IN CSG. _____ GEL 11 @ 9.50 104.50

PERFS. _____ CHLORIDE _____

DISPLACEMENT _____ Flo Seal 51 @ 1.15 58.65

EQUIPMENT

PUMP TRUCK CEMENTER James A Smith

120 HELPER Kevin Rose

BULK TRUCK _____

341 DRIVER Larry Stevenson

BULK TRUCK _____

_____ DRIVER _____

COMMON	<u>123</u>	@	<u>6.35</u>	<u>781.05</u>
POZMIX	<u>82</u>	@	<u>3.25</u>	<u>266.50</u>
GEL	<u>11</u>	@	<u>9.50</u>	<u>104.50</u>
CHLORIDE		@		
<u>Flo Seal</u>	<u>51</u>	@	<u>1.15</u>	<u>58.65</u>
		@		
		@		
		@		
		@		
HANDLING	<u>205</u>	@	<u>1.05</u>	<u>215.25</u>
MILEAGE	<u>82</u>			<u>180.40</u>

TOTAL \$1606.35

REMARKS:

SERVICE

Mixed 50ax @ 1920' (Displaced @ drill mud)
Mixed 80ax @ 1000' " " " H2"
Mixed 40ax @ 330' " " "
Mixed 10ax @ 40'
Mixed 15ax - Rat hole
Mixed 10ax - Mouse hole

DEPTH OF JOB	<u>1920'</u>			
PUMP TRUCK CHARGE				<u>470.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>22</u>	@	<u>7.85</u>	<u>162.70</u>
PLUG <u>8 5/8" wooden wiper</u>		@	<u>23.00</u>	<u>23.00</u>
		@		
		@		

TOTAL \$555.70

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

FLOAT EQUIPMENT

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

TOTAL _____

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 the owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX -0-
 TOTAL CHARGE \$2162.05
 DISCOUNT \$324.31 IF PAID IN 30 DAYS

SIGNATURE Mark Elson

MARK ELSON
 PRINTED NAME

Net \$1837.74