

FORM MUST BE TYPED

SIDE ONE

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, Ste. 300
Wichita, KS 67202
City/State/Zip

Purchaser:
Operator Contact Person: Innes Phillips
Phone (316) 263-2243

Contractor: Name: Mallard JV
License: 4958
Wellsite Geologist: Flip Phillips

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD S10W Temp. Abd.
 Gas ENHR S1GW
 Dry Other (Core, WSW, 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/SWD
 Plug Back _____ PSTD
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) Docket No. _____
8/30/95 9/6/95 11/28/95
Spud Date Date Reached TD Completion Date

API NO. 15- 135-23,902
County Ness
Appr. SW - NE - NE Sec. 22 Twp. 17S Rge. 26
1150 Feet from SW (circle one) Line of Section
1090 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE SE, NW or SW (circle one)

Lease Name Minnie Popp Well # 1
Field Name NA

Producing Formation Missippian Warsaw
Elevation: Ground 2494 rs 2499

Total Depth 4450 PSTD
Amount of Surface Pipe Set and Cemented at 228 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 cat.

Drilling Fluid Management Plan D+A 12-29-97 v.c.
(Data must be collected from the Reserve Pit)

Chloride content 55,000 ppm Fluid volume 300 bbls
Dewatering method used evaporation

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, 260 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of 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-A 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 Bert A. Bern
Title Geologist Date 6/5/96
Subscribed and sworn to before me this 6 day of June
19 96.
Notary Public Susan Utterback
Date Commission Expires 9/7/98

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCS _____ SWD/Rep _____ NSPA
KGS _____ Plug _____ Other (Specify) _____

NOTARY-PUBLIC - State of Kansas
SUSAN UTTERBACK
My Appl. Exp. 9/7/98

Operator Name Pintail Petroleum, Ltd. Lease Name Minnie Popp Well # 1
 Sec. 22 Twp. 17 Rge. 26 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 pressure, 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.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1853	+ 646
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lansing	3830	-1331
List All E.Logs Run:		Marmaton	4204	-1705
		Pawnee	4287	-1788
		Ft. Scott	4344	-1845
		Cherokee Shale	4371	-1872
		Miss: Warsaw	4442	-1943

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	12 1/4"	8-5/8"	28#	228	60/40poz	140	2%gel, 3%cc
Production	7-7/8"	5 1/2"	14#	4442	50/50poz	200	10%salt &
						U	4#sack f10-

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)	
		Amount	Depth
4442-4450	OPEN HOLE	500gals. 15% mud acid	4450
4442-4470	Open hole - drilled 20ft new hole	500 gals 15% mud acid	4456
		250 gals 15%EE acid	
		20% mud acid	4470

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.	<u>N/A</u>							
Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	<u>N/A</u>		<u>N/A</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) Plugged - tested non-commercial

Production Interval: _____

15-135-23902-0000

ORIGINAL

ALLIED CEMENTING CO., INC. 5963

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

SERVICE POINT:

Neosho City

DATE <u>5-13-96</u>	SEC. <u>22</u>	TWP. <u>17</u>	RANGE <u>26</u>	CALLED OUT <u>8:00AM</u>	ON LOCATION <u>11:00AM</u>	JOB START <u>11:45AM</u>	JOB FINISH <u>2:00PM</u>
LEASE <u>Mimeo Popp</u>	WELL# <u>1</u>	LOCATION <u>Bader SN-342-Simbu</u>		COUNTY <u>Neosho</u>	STATE <u>Ks.</u>		

(OLD) OR NEW (Circle one)

CONTRACTOR D. Smith
 TYPE OF JOB Well Head Plug
 HOLE SIZE 7.375" T.D. 4450
 CASING SIZE 5.5" DEPTH 4442
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.

OWNER Same
 CEMENT

AMOUNT ORDERED 220 SKs 60/40 49.94
20 gel on Site

COMMON	<u>1.32</u>	@	<u>6.10</u>	<u>805.20</u>
POZMIX	<u>88</u>	@	<u>3.15</u>	<u>277.20</u>
GEL	<u>28</u>	@	<u>9.50</u>	<u>266.00</u>
CHLORIDE		@		

EQUIPMENT

PUMP TRUCK CEMENTER Mike
 # 224 HELPER Bob
 BULK TRUCK
 # 199 DRIVER Bill
 BULK TRUCK
 # DRIVER

HANDLING	<u>220</u>	@	<u>1.05</u>	<u>231.00</u>
MILEAGE	<u>25</u>	@		<u>220.00</u>
TOTAL				<u>1799.40</u>

REMARKS:

1st Plug at 1850' w/ 50 SKs
2nd Plug at 1100' w/ 80 SKs
3rd Plug at 600' w/ 40 SKs
4th Plug at 250' w/ 40 SKs
5th Plug at 40' w/ 10 SKs

SERVICE

DEPTH OF JOB	<u>1850'</u>			
PUMP TRUCK CHARGE				<u>430.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>25</u>	@	<u>2.85</u>	<u>71.25</u>
PLUG		@		

TOTAL \$ 501.25

CHARGE TO: Pinnacle Petroleum Ltd
 STREET 225 N. Market #300
 CITY Wichita STATE Ko ZIP 67202

FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			
TOTAL				

TAX \$ 112.74
 TOTAL CHARGE 2413.39
 DISCOUNT \$ 345.10 IF PAID IN 30 DAYS

Net \$ 2068.29

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.

SIGNATURE Vol. 1 [Signature]

ALLIED CEMENTING COMPANY, INC. 3002

913-483-2627
P. O. BOX 31
RUSSELL, KANSAS 67665

15-135-23092-00-00

ORIGINAL

To: <u>Pintail Petroleum Ltd.</u>	Invoice No. <u>69582</u>
<u>225 N. Market #300</u>	Purchase Order No. _____
<u>Wichita, Ks. 67202</u>	Lease Name <u>Minnie Popp #1</u>
_____	Date <u>Aug. 30, 1995</u>

Service and Materials as Follows:

Common 84 sks @\$6.10	\$ 512.40	
Pozmix 56 sks @\$3.15	176.40	
Gel 2 sks. @\$9.50	19.00	
Chloride 4 sks. @\$28.00	<u>112.00</u>	\$ 819.80
Handling 140 sks @\$1.05	147.00	
Mileage (22) @\$0.04¢ per sk. per mi	<u>123.20</u>	
Surface	445.00	
Mi @\$2.35 pmp. trk.	51.70	
1 plug	<u>45.00</u>	<u>811.90</u>

Total \$ 1,631.70
 - 326.34
1305.36

If Account CURRENT, a
 Discount of \$ 326.34
 Will Be Allowed ONLY IF
 Paid Within 30 Days From
 Date of Invoice.

By
 9/30

PAID
 (SEP 26 1995)
 ck 17923

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter

RECEIVED
 KANSAS CORP CO/MI
 1995 JUN -6 P 12:14

ALLIED CEMENTING CO., INC.

1661

15-135-23962-00-00

P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Mess Lakey

DATE <u>8-30-95</u>	SEC. <u>22</u>	TWP. <u>17</u>	RANGE <u>26</u>	CALLED OUT <u>7:00 PM</u>	ON LOCATION <u>9:30 PM</u>	JOB START <u>11:10 PM</u>	JOB FINISH <u>11:30 P 11.7</u>
LEASE <u>Mess Lakey</u>	WELL # <u>1</u>	LOCATION <u>Perm 10W-6N-3W-11N-17W</u>		COUNTY <u>Osage</u>	STATE <u>KS</u>		

OLD OR (NEW) (Circle one)

CONTRACTOR Mallard

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 227

CASING SIZE 8 5/8" 28# DEPTH 228'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

OWNER Servic

CEMENT

AMOUNT ORDERED 140 6040 2.8 3

COMMON	<u>84</u>	@	<u>6.10</u>	<u>512.40</u>
POZMIX	<u>56</u>	@	<u>3.15</u>	<u>176.40</u>
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE	<u>4</u>	@	<u>28.00</u>	<u>112.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mike

221 HELPER Bob

BULK TRUCK DRIVER Bill

69

BULK TRUCK DRIVER _____

HANDLING	<u>140</u>	@	<u>1.05</u>	<u>147.00</u>
MILEAGE	<u>22</u>			<u>123.20</u>

TOTAL \$1090.00

REMARKS:

Ran to get 8 5/8" 28# casing. Broke pipe with the cement. Cemented with 140SK6040 2.8 3. Displayed with 139 BBI fresh H₂O. Cement did cure.

Thank you for Allied Cementing Mike, Bob, Bill

SERVICE

DEPTH OF JOB	<u>228</u>			
PUMP TRUCK CHARGE				<u>445.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>22</u>	@	<u>2.35</u>	<u>51.70</u>
PLUG <u>TWP</u>		@	<u>45.00</u>	<u>45.00</u>

TOTAL \$541.70

CHARGE TO: Pontail Petroleum Ltd.

STREET 225 N. Market Suite 300

CITY Wichita STATE Ko ZIP 67202

FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			

TOTAL _____

TAX	<u>-0-</u>			
TOTAL CHARGE	<u>\$1631.70</u>			
DISCOUNT	<u>\$326.34</u>			IF PAID IN 30 DAYS

Net \$1305.36

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.

SIGNATURE Joe M. Wick