

plugged 10-07-87

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

5

API NO. 15-165-21382-0000
County... Rush
NW... SE... NW Sec. 6... Twp 18... Rge. 20... East West

Operator: License # 5086
Name Pintail Petroleum, Ltd.
Address 412 E. Douglas, #1
City/State/Zip Wichita, KS 67202

3630..... Ft North from Southeast Corner of Section
3630..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser.....

Lease Name... Pranger... Well #. 1
Field Name.....

Operator Contact Person Beth Fuhr
Phone (316) 263-2243

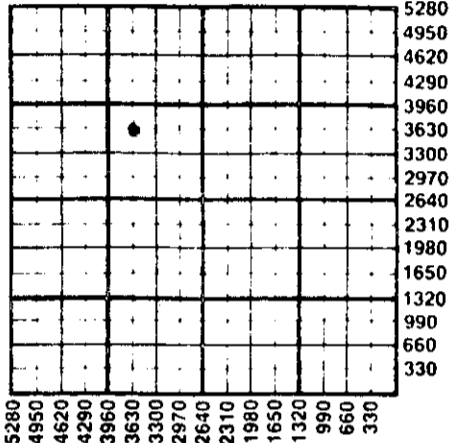
Producing Formation... Mississippi

Elevation: Ground... 2197... KB... 2205

Contractor: License # 4958
Name Mallard JV, Inc.

Wellsite Geologist Beth Fuhr
Phone (316) 263-2243

Section Plat



Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)
If OWN: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
.10-01-87 ..10-07-87 ...n/a 10-8-87
Spud Date Date Reached TD Completion Date
.4230'.....
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 334 feet set 325' 8-5/8"
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt
Cement Company Name Allied
Invoice # 49837

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #.....
 Groundwater.....Ft North from Southeast Corner (Well)Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain) Bev. Irvin, McCracken, KS Gov. Dam hauled by Fritzier (purchased from city, R.W.D. #)

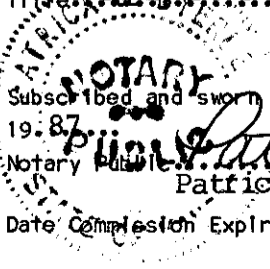
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 drillers time log shall be attached with this form. 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 Beth A. Fuhr
Title Exploration Manager/Geologist Date 10/23/87

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KGS SWD/Rep NGPA
Plug Other (Specify)
RECEIVED
OCT 28 1987
10-28-87
COMMISSION
Wichita, Kansas

Subscribed and sworn to before me this 23 day of October 1987
Notary Public Patricia C. Byerlee
Date Commission Expires 12/11/89



Sec. 6 Twp. 18 Rge. 20W

SIDE TWO

Operator Name Pintail Petroleum, Ltd. Lease Name Pranger Well # 1

Sec. 6 Twp. 18S Rge. 20 East West County Rush

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Topeka	3306	-1101
Heebner	3617	-1412
Lansing	3662	-1457
B/Kansas City	3956	-1751
Pawnee	4038	-1833
Ft. Scott	4112	-1907
Cherokee SH	4121	-1916
Cherokee Sd	4134	-1929
Mississippi	4200	-1995
Total Depth	4226	-2021

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
surface	12 1/2	8-5/8"	20#	334	60/40 pozmix	175	2%gel, 3%acc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled

DRILLERS' LOG

COMPANY: Pintail Petroleum Ltd. WELL: Pranger #1
 CONTRACTOR: MALLARD DRILLING API#: 15-165-21,382 - ~~0000~~
 P. O. BOX 1009
 McPHERSON KS 67460 LOCATION: NW SE NW
 COMMENCED: October 1, 1987 Sec. 6, Twp. 18S, Rge. 20W
 COMPLETED: October 8, 1987 COUNTY: Rush
 TOTAL DEPTH: 4230' ELEVATION: 2197' G. L.
2205' K. B.

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Soil, Shale	0'	338'
Shale, Sand	338'	892'
Sand	892'	1128'
Shale	1128'	1436'
Anhydrite	1436'	1468'
Shale	1468'	2214'
Shale, Salt	2214'	2471'
Shale, Lime	2471'	4230' R.T.D. Miss.

REMARKS

Cut 12 1/2" hole to 338' and ran 8 joints 8 5/8" X 20# X 325.39' surface casing. Set at 334.89' and cemented with 175 sacks 60/40 poz mix, 2% gel, 3% cc. Cement did circulate. P.D. @ 9:30 p.m. 10-1-87.

Ran one DST and Electric Log.

Plugged hole with 205 sacks 60/40 poz mix, 6% gel, as follows:

- 50 sacks @ 1449'
- 80 sacks @ 693'
- 40 sacks @ 346'
- 10 sacks @ 40' and wood plug
- 15 sacks rathole, 10 sacks mousehole, P.D. @ 12:30 a.m. 10-8-87

STATE OF KANSAS)
) SS:
 COUNTY OF McPHERSON)

I, BRYAN HESS of MALLARD DRILLING, do hereby certify that this is a true and correct copy of the log of the Pranger #1 well as reflected by the files of Mallard Drilling.

Bryan Hess
 Bryan Hess, Gen. Mgr.

Subscribed and sworn to before me this 13th day of October, 1987.

RECEIVED *Don J. Reichenberger*
 Notary Public
 STATE CORPORATION COMMISSION



OCT 28 1987
 My Commission Expires: 11-15-89
 10-28-87
 CONSERVATION DIVISION
 Wichita, Kansas