

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5360
Name Brandt Production Company, Inc.
Address 105 South Broadway #920
City/State/Zip Wichita, Kansas 67202

Purchaser N/A

Operator Contact Person Earl O. Brandt
Phone 316/267-4335

Contractor: License # 5840
Name Brandt Drilling Company, Inc.

Wellsite Geologist Earl O. Brandt
Phone 316/267-4335

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
6-30-86 7-6-86 7-7-86
Spud Date Date Reached TD Completion Date
3820'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 220 feet
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

API NO. 15-007-224,138-00-00
County Barber
100 SW of East
NE SW SW Sec. 13 Twp. 31S Rge. 10 West

925 Ft North from Southeast Corner of Section
4355 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

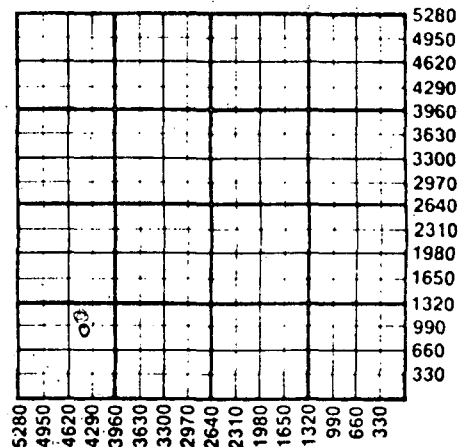
Lease Name RANKIN Well # 1

Field Name

Producing Formation N/A

Elevation: Ground 1662 KB 1668

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

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 1025 Ft North from Southeast Corner
(Stream, pond etc) 4355 Ft West from Southeast Corner
Sec 13 Twp 31S Rge 10 East West
 Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 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 Earl O. Brandt
Title President Date 7-11-1986

Subscribed and sworn to before me this 11th day of July 1986
Notary Public Mary J. Brown
Date Commission Expires 3-8-90

MARY J. BROWN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-8-90

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

STATE CORPORATION COMMISSION Form ACO-1 (7-84)

JUL 14 1986

Operator Name Brandt Production Company, Inc. Lease Name Rankin Well # 1

Sec. 13 Twp. 31S Rge. 10 County Barber

East
 West

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

DST #1 3558-3600/90 minutes
 Good steady blow throughout. Rec. 610 GIP + 10' O & GCM. Ground out: 15% gas, 10% oil, 75% mud.

FP $\frac{31}{21} \frac{83}{83}$ BHP $\frac{779}{416} \frac{60''}{60''}$ HH $\frac{1824}{1800}$ T 116°

DST #2 3603-10/1 hr. Steady blow throughout.
 Rec. 16' GIP, 65' HO & GCM (25% gas, 30% oil, 45% mud); 60' slightly oil & GCM (15% gas, 35% oil, 30% mud, 20% wtr.), 60' slightly oil & GC water (5% gas, 10% oil, 15% mud, 75% water), 60% water (chlorides 85,000 - Pit mud = 13,000)

FP $\frac{41}{52} \frac{156}{156}$ BHP $\frac{1225}{1194}$ HH $\frac{1802}{1768}$ T 118°

Name	Top	Bottom
Indian Cave Zone	2558	(-890)
Wabash	2600	(-932)
Topeka	3008	(-1340)
Heebner	3560	(-1892)
Toronto	3576	(-1908)
Douglas Shale	3603	(-1935)
Douglas Sand	3605	(-1937)
Brown Lime	3768	(-2100)
Lansing	3772	(-2104)
RTD	3820	(-2152)
LTD	3822	(-2154)

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"	8-5/8"	23#	220	Class "A"	130	2% gel 2% CaCl
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

CARD MUST BE TYPED

State of Kansas

CARD MUST BE SIGNED

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Starting Date June 10, 1986 month day year

API Number 15-007-22,138-00-00 NE SW SW Sec. 13 Twp. 31 S, Rg. 10 925 4355

OPERATOR: License # 5360 Brandt Production Company, Inc. 105 South Broadway, Suite 920 Wichita, Kansas 67202 Earl O. Brandt 316/276-4335

(Note: Locate well on Section Plat on reverse side) Nearest lease or unit boundary line 925 feet County Barber County

CONTRACTOR: License # 5840 Brandt Drilling Company, Inc. Wichita, Kansas 67202

Lease Name Rankin Well # 1 Ground surface elevation 1660 feet MSL

Well Drilled For: X Oil SWD Infield Mud Rotary Gas Inj Pool Ext Air Rotary OWWO Expl Wildcat Cable

Domestic well within 330 feet: yes X no Municipal well within one mile: yes X no Depth to bottom of fresh water: 200 Depth to bottom of usable water: 200

If OWWO: old well info as follows: Operator Well Name Comp Date Old Total Depth

Surface pipe by Alternate: 1 X 2 Surface pipe planned to be set: 200 Conductor pipe required: None Projected Total Depth: 3900 feet Formation: Lansing

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications. Date May 1, 1986 Signature of Operator or Agent Title President

For KCC Use: Conductor Pipe Required feet; Minimum Surface Pipe Required feet per Alt. This Authorization Expires 12-10-86 Approved By 6-10-86

Did not call in when they moved in on the well

PLUGGING PROPOSAL IF ABOVE IS D & A

This plugging proposal will be reviewed and approved or revised at the time the district office is called prior to setting surface casing (call 7 a.m. to 5 p.m. workdays).

Table with 4 columns: Plug depth, Plug depth with, SXS of, and (b) Mousehole with. Rows include 1st plug @ 3500, 2nd plug @ 250, 3rd plug @ 40, 4th plug @, 5th plug @, and (2) Rathole with 10.

NOTE: Agreement between...

Table with columns: PUSHER, FORMATION, SURFACE PIPE @, CEMENTRYTE, ELEVATION, STARTING TIME & DATE, PLUG @ FT. W/, RATHOLE CIRCULATED W/, MOUSE HOLE CIRCULATED W/, WATER WELL PLUGGED W/, CEMENT COMPANY, TECHNICIAN.

RECEIVED STATE CORPORATION COMMISSION JUL 11 1986 CONSERVATION DIVISION Wichita, Kansas