

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 1200 Douglas Building  
Wichita, Kansas 67202  
City/State/Zip

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

Contractor: license # 5840  
name Brandt Drilling Co., Inc.

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

PURCHASER  
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

RECEIVED  
STATE CORPORATION COMMISSION  
7-30-84  
JUL 30 1984  
CONSERVATION DIVISION  
Wichita, Kansas

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable

6-30-84 7-16-84 7-16-84  
Spud Date Date Reached TD Completion Date

5285' PBTB  
Total Depth

Amount of Surface Pipe Set and Cemented at 265 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated from 265 feet depth to surface w/ 200 SX cmt

API NO. 15-077-21,009-00-00

County Harper

SW-NW-SW Sec 28 Twp 34S Rge 6 East West

1650 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

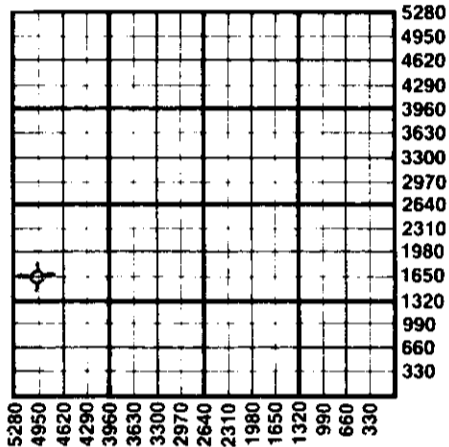
Lease Name Roach Well# 1

Field Name

Producing Formation

Elevation: Ground 1314 KB 1320

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and Ft West From Southeast Corner of Sec Twp Rge East West

Surface Water 2500 Ft North From Southeast Corner and 100 Ft West From Southeast Corner Sec 29 Twp 34S Rge 6 East West

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

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. Rules 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.

BRANDT PRODUCTION COMPANY, INC.

Signature By Earl O. Brandt

Title President Date 7-27-84

Subscribed and sworn to before me this 27th day of July 1984

Notary Public Barbara June Brandt Date Commission Expires 2-29-88

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)

Form ACO-1  
(This form supercedes previous forms ACO-1 & C-10)

Sec 28 Twp 34 Rge 6

Brandt Production  
 Operator Name .. Company, Inc..... Lease Name .. Roach..... Well# .. 1. SEC 28.. TWP. 34S. RGE... 6.....  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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description	Name	Top	Bottom
	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No				
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample		
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No				
Sand & Gravels	0	- 260		Topeka	2863	(-1543)
Shales	260	- 600		Elgin Sand	3188	(-1868)
Shaley Sands	600	- 820		Heebner	3301	(-1981)
Lime & Shale	820	- 1250		Toronto	3327	(-2007)
Salt & Anhydrite	1250	- 1450		Douglas Shale	3433	(-2113)
Shales, Sandy	1450	- 1500		Douglas Sand Zone	3473	(-2153)
Lime & Cherty Limes	1500	- 1730		Iatan Lime	3674	(-2354)
Lime w/Shale Streaks	1730	- 2310		Stalnaker Zone	3702	(-2382)
Shales & Lime	2310	- 2500		Stalnaker Sand	3728	(-2408)
Lime, Chalky	2500	- 2863		Kansas City	3981	(-2661)
Lime, granular & dolomitic	2863	- 3188		Cottage Grove Sandstone	3998	(-2678)
Sands, porous	3188	- 3221		Base Kansas City	4231	(-2911)
Lime & Shale	3221	- 3301		Pawnee	4309	(-2989)
Shales, Black	3301	- 3327		Cherokee Shale	4495	(-3175)
Lime, Chalky	3327	- 3366		Mississippian	4658	(-3338)
Shales	3366	- 3396		Kinderhook Shale	5103	(-3783)
Lime, slightly fossiliferous	3396	- 3433		Chattanooga Shale	5158	(-3838)
Shales, silty	3433	- 3473		Viola	5185	(-3865)
Sandy Shales w/Shaley Sands	3473	- 3674		Simpson Dolomite	5206	(-3886)
Lime	3674	- 3678		Simpson Sand	5239	(-3919)
Sand & Sandy Shale	3678	- 3914		Log Total Depth	5283	(-3963)
Shales	3914	- 3981		Rotary Total Depth	5285	(-3165)
Lime	3981	- 3987				
Shales	3987	- 3998				
Sands, silty	3998	- 4014				
Lime, crystalline	4014	- 4231				
Shale & Lime	4231	- 4307				
Lime, dense & cherty	4307	- 4495				
Shales, varied & rotten	4495	- 4658				
Dolomite & cherty dolomite	4658	- 4932				

(CONTINUED)

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"	23#	265'	Common	200	2% Gel 3% Cal. Chloride

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	
size	set at	packer at			

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	

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION:  open hole  perforation  other (specify) \_\_\_\_\_

PRODUCTION INTERVAL: \_\_\_\_\_

Dually Completed.  Commingled

Operator Name: Brandt Production Company, Inc.  
Well #: #1 Roach, SW-NW-SW 28-34S-6W  
Harper County, Kansas

WELL LOG (CONTINUED)

Lost Circulation at 4932', 4935', 4961' & 4991'  
Drilled blind from 4991' to 5061'

Dolomite, granular & cherty	5061 - 5103
Gray & green calcareous shale	5103 - 5158
Black carbon shales	5158 - 5185
Dolomite, gray & brown mottled	5185 - 5206
Brown sandy dolomite	5206 - 5239
Sand, clear rounded porous	5239 - 5285
Rotary Total Depth	5285

Drill Stem Test #1 4660-4683. Open 1 hour.  
Packer held for 30 minutes and failed.  
Recovered 2500' rotary mud.

Drill Stem Test #2 4663-4690. Open 1 hour.  
Very strong blow throughout. Recovered 1300'  
gas in pipe and 180' gas cut and slightly oil  
cut mud and 90' slightly oil and gas cut salt  
water and 360' gas cut water.  
FP  $\frac{71}{131}$   $\frac{167}{202}$  BHP  $\frac{1638}{1545}$  "30"  
"30"

Drill Stem Test #3 5239-5248. Open 1 hour (Straddle test).  
Weak blow. Recovered 550' salt water.  
FP  $\frac{92}{123}$   $\frac{144}{206}$  BHP  $\frac{2127}{2117}$  "30" HH  $\frac{2542}{2461}$

RECEIVED  
STATE CORPORATION COMMISSION

JUL 30 1984

CONSERVATION DIVISION  
Wichita, Kansas