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KANSAS 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

Description 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
6-30-84 7-16-84 7-16-84
Spuc Date Reached TD Completion Date
5285' PBD
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
County Harper
SW-NW-SW (location) 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)

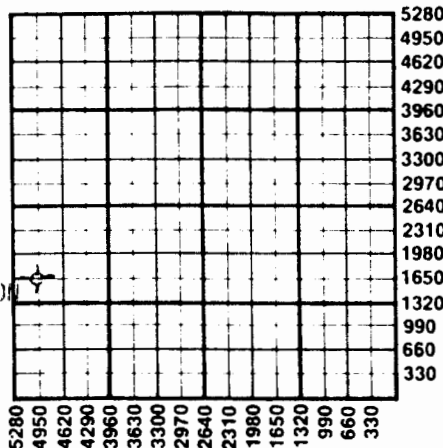
Lease Name Roach Well# 1

Field Name

Producing Formation

Elevation: Ground 1314 KB 1320

Section Plat



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WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater (Well) 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 (Stream, Pond etc.) 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 temporarily abandoned wells.

Brandt Production
 ator 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
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Sand & Gravels	0 - 260
Shales	260 - 600
Shaley Sands	600 - 820
Lime & Shale	820 - 1250
Silt & Anhydrite	1250 - 1450
Shales, Sandy	1450 - 1500
Lime & Cherty Limes	1500 - 1730
Lime w/Shale Streaks	1730 - 2310
Shales & Lime	2310 - 2500
Lime, Chalky	2500 - 2863
Lime, granular & dolomitic	2863 - 3188
Sands, porous	3188 - 3221
Lime & Shale	3221 - 3301
Shales, Black	3301 - 3327
Lime, Chalky	3327 - 3366
Shales	3366 - 3396
Lime, slightly fossiliferous	3396 - 3433
Shales, silty	3433 - 3473
Sandy Shales w/Shaley Sands	3473 - 3674
Lime	3674 - 3678
Sand & Sandy Shale	3678 - 3914
Shales	3914 - 3981
Lime	3981 - 3987
Shales	3987 - 3998
Sands, silty	3998 - 4014
Lime, crystalline	4014 - 4231
Silt & Lime	4231 - 4307
Lime, dense & cherty	4307 - 4495
Shales, varied & rotten	4495 - 4658
Dolomite & cherty dolomite	4658 - 4932

	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
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Name	Top	Bottom
Topeka	2863	(-1543)
Elgin Sand	3188	(-1868)
Heebner	3301	(-1981)
Toronto	3327	(-2007)
Douglas Shale	3433	(-2113)
Douglas Sand Zone	3473	(-2153)
Iatan Lime	3674	(-2354)
Stalnaker Zone	3702	(-2382)
Stalnaker Sand	3728	(-2408)
Kansas City	3981	(-2661)
Cottage Grove Sandstone	3998	(-2678)
Base Kansas City	4231	(-2911)
Pawnee	4309	(-2989)
Cherokee Shale	4495	(-3175)
Mississippian	4658	(-3338)
Kinderhook Shale	5103	(-3783)
Chattanooga Shale	5158	(-3838)
Viola	5185	(-3865)
Simpson Dolomite	5206	(-3886)
Simpson Sand	5239	(-3919)
Log Total Depth	5283	(-3963)
Rotary Total Depth	5285	(-3165)

CONTINUED)

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CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> used							type and percent additives
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	
Surface	12-1/4"	8-5/8"	23#	265'	Common	200	2% Gel 3% Cal. Chlori

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth

28-34-6W^R

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 71 167 BHP 1638 "30"
131 202 1545 "30"

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

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State Geological Survey
WICHITA BRANCH

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