29-6-18W

SIDE ONE

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 # 6220
name H.K.T.W. Oil
address P.O. Box 1851

City/State/Zip Salina, Kan. 67401

Operator Contact Person Dick Hesker
Phone 913.827.5914

Contractor: license # 5929
name Duke Drilling Co., Inc.

Wellsite Geologist Mike Bair
Phone 913.483.3571
PURCHASER Clear Creek
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

API NO. 15 - 163-22,391

County Rooks

NW NW NE (location) Sec 29 Twp 6 Rge 18 ☐ East ☒ West

330 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

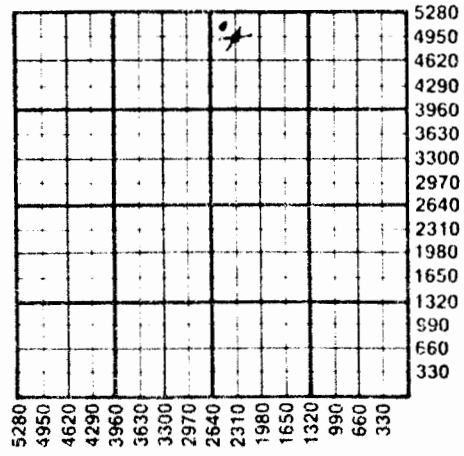
Lease Name Bigge B Well# 1

Field Name (New Field)

Producing Formation Toronto

Elevation: Ground KB 2090

Section Plat



WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

5-24-84	5-29-84	6-23-84
Spud Date	Date Reached TD	Completion Date

3700	3527
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 931 feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If Yes, Show Depth Set 1618 F.O. Tool feet

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

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge ☐ East ☐ West

☐ Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge ☐ East ☐ West

☒ Other (explain) Baxter Water Service
(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

SIDE TWO

Operator Name H.K. + W. Oil Lease Name Biggs B. Well# 1 SEC 29 TWP 6 RGE 18 ☐ East ☒ West

29-6-18W P1

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
Anhydrite	1616	1648
Topeka	3076	
Heebner	3281	
Toronto	3304	
KC	3321	
BKC	3549	
ARB	3646	
RTD	3700	

TUBING RECORD size 2 1/2 set at 3320 packer at — Liner Run ☐ Yes ☒ No

Date of First Production	Producing method				
6-25-84	☐ flowing	☒ pumping	☐ gas lift	☐ Other (explain)	

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	8 Bbls	0 MCF	8 3/4 Bbls	CFPB	36

Disposition of gas: ☐ vented ☐ sold ☐ used on lease

RECEIVED STATE CORPORATION COMMISSION AUG 20 1984 AUG 15 1984 CONSERVATION DIVISION Wichita, Kansas

State Geological Survey WICHITA BRANCH

METHOD OF COMPLETION
☐ open hole ☐ perforation ☐ other (specify) ☐ Dually Completed. ☐ Commingled

PRODUCTION INTERVAL

CASING RECORD ☐ new ☐ 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	24 #	931	50/50 poz + Lite	200	2% gel 3% CC
Production	7 7/8	5 1/2	14 #	3557.60	EA-2	165	2066# salt flush

PERFORATION RECORD

shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
4	3411 - 14	250 Gal MCA 7 1/2 %	
4	3371 - 75	250 " "	
1	3329 - 30	500 " MCA 15 %	
1	3311 - 13	2000 " Gel 15 %	
2	3312 - 17	250 " MCA 15 %	

29-6-18W

DRILLER'S WELL LOG

DATE COMMENCED: May 24, 1984
DATE COMPLETED: May 29, 1984

H K & W Operating
BIGGE "B" #1
Approx. NW NW NE
Sec. 29, T6S, R18W
Rooks County, Ks.

ELEVATION: 2090 K.B.

0 - 1616'	Surface Soil, Shale, Post Rock Sand
1616 - 1648'	Anhydrite
1648 - 3076'	Lime & Shale
3076 - 3281'	Lime
3281 - 3285'	Shale
3285 - 3646'	Lime
3646 - 3700'	Dolomite
3700'	RTD

FORMATION DATA

Anhydrite	1616'
Topeka	3076'
Heebner	3281'
Toronto	3304'
Lansing K.C.	3321'
Base K.C.	3549'
Arbuckle	3646'
RTD	3700'

Surface Pipe: Set new 8-5/8" 24# pipe @931' w/200 sacks Lite & 200 sacks 50/50 pozmix 2% gel 3% cc.

Production Pipe: Set new 5½" 14# @3557.60' w/165 sacks EA-2 w/20 bbls. salt flush.

A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

Bill DRaney of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

B. D Raney

Subscribed and sworn to before me this 5 day of June 1984.

My Comm. Expires: 4-11-86

Notary Public