

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 # .4315 name ..Brazos.Petroleum.Company address .P.O.Box.1782 City/State/Zip .Midland,.Texas,.79702

Operator Contact Person ..Jim.Sutherland Phone ..915-682-6644

Contractor: license # ...6033 name ..Murfin.Drilling.Company

Wellsite Geologist ...Ed.Nichols Phone316-624-2623

PURCHASERS.W. Designate Type of Completion

[x] 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: [x] Mud Rotary [] Air Rotary [] Cable

1-18-86 1-21-86 3-6-86 Spud Date Date Reached TD Completion Date

2990 2752 Total Depth PBT

Amount of Surface Pipe Set and Cemented at ...224 feet

Multiple Stage Cementing Collar Used? [] Yes [x] No

If Yes, Show Depth Set ... feet

If alternate 2 completion, cement circulated from .2990 feet depth to ...Surface w/1000 SX cmt

API NO. 15 - 093-20849-0000

County ...Kearny

C-NW/4 Sec 17 Twp 21S Rge 36

3960 Ft North from Southeast Corner of Section 3960 Ft West from Southeast Corner of Section (Note: locate well in section plat below)

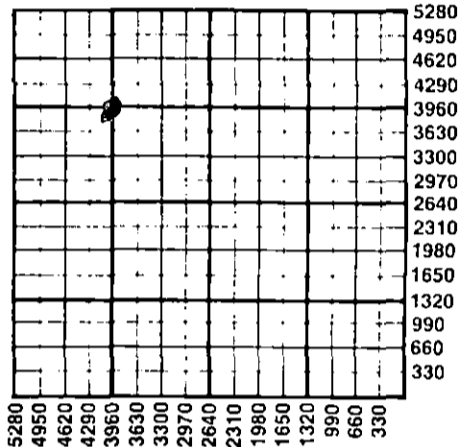
Lease Name Joiner Well# 1

Field Name Hugoton PANAMA GAS AREA

Producing Formation ...Hugoton

Elevation: Ground .3259 KB 3264

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

[] Groundwater .50 Ft North From Southeast Corner and (Well) .2640 Ft. West From Southeast Corner of Sec 27 Twp 21S Rge 35 [] East [x] West

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

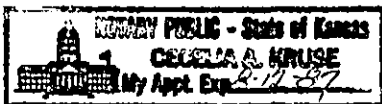
All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature] Title .Agent

DATE 5-19-86 CONSERVATION DIVISION Wichita, Kansas

Subscribed and sworn to before me this 19 day of May 19 86

Notary Public [Signature] Date Commission Expires 8-12-87



K.C.C. OFFICE USE ONLY Form with checkboxes for Letter of Confidentiality Attached, Wireline Log Received, Drillers Timelog Received, Distribution (KCC, KGS, SWD/Rep, Plug, NGPA, Other)

Form ACO-1 (7-84)

Sec. 17, Twp. 21, Rge. 36

SIDE TWO

Operator Name ... Brazos Petroleum Co. ... Lease Name .. Joiner ... Well# .1. SEC 17 ... TWP. 21S ... RGE. ... 36 ... 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

Name	Top	Bottom
Base Cimmarron Anh.		2246
Hollenberg	2641-2675	
Krider	2675-2726	
Winfield	2726-2782	
Towanda	2782-2819	
Ft. Riley	2819-TD	

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"	20	224	Class H	175	3% CaCl2
Production	7 7/8	4 1/2	9.5	2984	35/65 poz Class H	800 200	2% gel, 2% CaCl2 2% CaCl2

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	2680-84, 2725-34, 2737-44, ...	2500 gallons 15% HCL acid	Same
1	2767-70, 2775	100000 gals fresh water w/ 100000#	16/30 sand
	Squeezed off below 2715		
	2680-84	250 gals 7 1/2% HCL acid	2680

TUBING RECORD		Liner Run	
size	set at	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
2 3/8	2710		
packer at n/a			

Date of First Production	Producing method			
SIGW w/o pipeline	<input checked="" 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	160 MCF	25 Bbls	CFPB	

METHOD OF COMPLETION
 Disposition of gas: vented sold used on lease top pipeline
 open hole perforation other (specify) _____
 Dually Completed _____
 Commingled _____

PRODUCTION INTERVAL
 2680-2684