

COPY *Jul*

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 055-21,559
County FINNEY
2000' PSL 1250' FEL Sec. 21 Twp. 22S Rge. 34 X W

Operator: License # 31137

2000' Feet from S/N (circle one) Line of Section

PENNZOIL EXPLORATION & PRODUCTION CO. Name: _____

1250' Feet from E/W (circle one) Line of Section

Address P. O. BOX 1462

Footages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)

City/State/Zip Pampa, Texas 79066-1462

Lease Name BROCK Well # 2

Purchaser: KN GAS GATHERING

Field Name HUGOTON

Operator Contact Person: J. P. YOWELL

Producing Formation CHASE *logs wrong?*

Phone (806) 665-1614

Elevation: Ground 2948 +2943 KB 2953 -2948

Contractor: Name: Abercrombie RTD, Inc.

Total Depth 2802' PBDT 2759'

License: 30684

Amount of Surface Pipe Set and Cemented at 305.55 Feet

Wellsite Geologist: NONE

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion
X New Well Re-Entry Workover

If yes, show depth set _____ Feet

 Oil SWD SIOW Temp. Abd.
X Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from 2802'

feet depth to 500' w/ 615 sx cmt.

If Workover/Reentry: Old Well Info as follows:

Drilling Fluid Management Plan ALT 2 NOT MET; OKAYED BY R.L. *of DIST. 1*

Operator: N/A

Chloride content 33,000 ppm Fluid volume 890 bbls

Well Name: _____

Dewatering method used Evaporazation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

Operator Name _____

Lease Name _____ License No. _____

05/04/97 05/07/97 06/06/97
Spud Date Date Reached TD Completion Date

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS BE ATTACHED. 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.

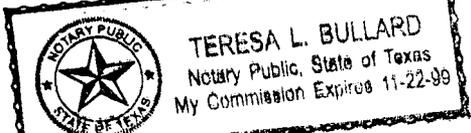
Signature J.P. Yowell

Title Production Foreman Date 06/25/97

Subscribed and sworn to before me this 03 day of July, 19 97.

Notary Public Teresa L. Bullard

Date Commission Expires 11-22-99



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

24567

SIDE TWO

Operator Name Pennzoil Exploration & Prod. Lease Name BROCK Well # 2

Sec. 21 Twp. 22S Rge. 34
 East
 West

County FINNEY

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
(Attach Additional Sheets.)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy.)
List All E.Logs Run: Cement Log/Gamma Ray
ray Induction Micro-Resistivity/GR
erforation Depth Control Log, Compensated
eutron Litho-Density/GR Natural Gamma Ray
Spectroscopy

Name	Top	Datum	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
			HERRINGTON	2482'	
KRIDER	2500'				
WINFIELD	2534'				
TOWANDA	2598'				

CASING RECORD <input type="checkbox"/> New <input checked="" 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		8 5/8"	20#	305.55	60/40pos	200	2% gel
Long String	7 7/8"	4 1/2"	10.5#	2802'	65/35pos HSC	465 150	6% gel 10% Salt

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
		4JSPF	2482 to 2490, 2500 to 2508, 2534 to 2542
6 JSPF	2491-99, 2518-26'	Frac 59,000# SAND	2482-2542
6 JSPF	2598 to 2626	2500 Gal. 7 1/2 HCL Acid	2598-2626

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	2646'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method		
06/06/97			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		300	100		

Disposition of Gas: Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval _____