

COPY

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

Operator: License # 31137Name: Pennzoil Exp & Prod. Co.Address P. O. BOX 1462City/State/Zip Pampa, Tx 79066-1462Purchaser: KN GAS GATHERINGOperator Contact Person: J. P. YOWELLPhone (806) 665-1614Contractor Name: Abercrombie RTD, Inc.License: 30684Wellsite Geologist: Bill Stout

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

06/18/97 06/29/97 09/02/97
Spud Date Date Reached TD Completion Date

API NO. 15- 093-21,583County Kearny1250' FSL 2000' FW Sec. 26 Twp. 22S Rge. 35 X E W1250' Feet from (S) (circle one) Line of Section2000' Feet from (E) (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name COY Well # 2Field Name HUGOTONProducing Formation CHASEElevation: Ground 3024' KB 3029'Total Depth 5000' PBTD 2740'Amount of Surface Pipe Set and Cemented at 1813.83 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 5000'feet depth to SURFACE w/ 1100 sx cmt.Drilling Fluid Management Plan A14.1, 2-20-98 U.C.
(Data must be collected from the Reserve Pit)Chloride content 24,000 ppm Fluid volume 1285 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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

County _____ Docket No. _____

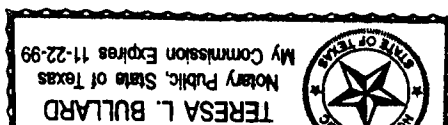
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 MUST 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. YowellTitle Production Foreman Date 09/12/97Subscribed and sworn to before me this 12 day of September, 1997.Notary Public Teresa L. BullardDate 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)

Form ACO-1 (7-91)



SIDE TWO

Operator Name Pennzoil Exploration & Prod. Lease Name COY Well # 2Sec. 26 Twp. 22S Rge. 35
☐ East
☒ WestCounty Kearny

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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)
☒ Log Formation (Top), Depth and Datums ☐ Sample
Name Top Datum

SEE GEOLOGIST REPORT

List All E.Logs Run: Gamma Ray/CCL Log, Cement Log, Natural Gamma Ray Spectrometry Microlog Gamma Ray, Array Induction/RXO Micro-Resistivity, Compensated Neutron Litho Density

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#	1813.83	Class "C" 35/65 pos	575	5% gel, 2% cc 1/4# floeal pers
			Followed with		Class "C"	150	2% cc, 1/4# floeal pers
Production	7 7/8"	5 1/2"	15.5#	4999'	Class "C"	1100	10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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
4 SPF	4087'to 4105', 4120'to 4134'	No Treatment	
	CIRP @ 2750	2 Sks Cement	
4 SPF	2527'to 30', 2546'to 58', 2581'to 2600'	2500 Gal 7 1/2% HCL & 86' 1000,000# Brady Sand	ALL
6 SPF	2531'to 45', 2559'to 76', 2587'to 2668'	No Treatment	

TUBING RECORD		Size 2 3/8"	Set At 2665'	Packer At	Liner Run ☐ Yes ☒ No			
Date of First, Resumed Production, SMD or Inj. 09/02/97			Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas 150	Mcf	Water 50	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify) _____

2527-
4134