

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

COPY

Operator: License # 32384Name: Comanche Resources CompanyAddress 9520 N. May Avenue, Suite 370City/State/Zip Oklahoma City, OK 73120Purchaser: Kansas Gas SupplyOperator Contact Person: Robert G. BlairPhone (405) 755-5900Contractor: Name: BEST WELL SERVICE INC.License: 32564

Wellsite Geologist: _____

Designate Type of Completion

☐ New Well☐ Re-Entry

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

If Workover:

Operator: Hallwood Petroleum, Inc.Well Name: Bird #2Comp. Date 9/16/92 Old Total Depth 6250'

☒ Deepening XXX Re-perf. ☐ Conv. to Inj/SWD
☒ Plug Back 5100' PBTD
☐ Commingled Docket No. _____
☐ Dual Completion Docket No. _____
☐ Other (SWD or Inj?) Docket No. _____

12/28/98Spud Date
Start

Date Reached TD

3/1/99

Completion Date

API NO. 15- 03320858-0001County Comanche- C - SW - SW Sec. 10 Twp. 32S Rge. 19 X E660 Feet from S (circle one) Line of Section660 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Bird Well # 2-10Field Name West ColdwaterProducing Formation PawneeElevation: Ground 2047' KB _____Total Depth 6250' PBTD _____Amount of Surface Pipe Set and Cemented at 664 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REWORK 9/21 12/24/02
(Data must be collected from the Reserve Pkt)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite:

KCC

Operator Name _____

Lease Name APR 27 1999 License No. _____Quarter CONFIDENTIAL 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

Title Kathy R. Jones, Contracts Admin. Date 4/27/99Subscribed and sworn to before me this 27th day of April, 19 99.

Notary Public

Date Commission Expires

05/01/02

KANSAS CORPORATION COMMISSION

APR 28 1999

CONSERVATION DIVISION
WICHITA, KS

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

Form ACO-1 (7-91)

Operator Y903 Comanche Resources Company

SIDE TWO

Lease Name BirdWell # 2-10Sec. 10 Twp. 32S Rge. 19County Comanche☐ East
☒ West

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
(Attach Additional Sheets.)☐ Yes ☒ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☐ Yes ☒ No

List All E.Logs Run:

☐ Log

Formation (Top), Depth and Datums

☐ Sample

Name

Top

Datum

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
Conductor	17 1/2"	13 3/8"		137'			
Surface	12 1/4"	8 5/8"		664'			
Production	7 7/8"	5 1/2"		6246'			

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
3	Pawnee 5040-52'	NONE	
3	Pawnee 5034-46'		
4	CIBP @ 5100' 5778'-5780'		
4	6166'-6167' + 6133'-6134' + 6117'-6118' + 6098'-6099'		
2	5198'-5202' + 5176'-5190' + 5162'-5172' + 5148'-5159'		
TUBING RECORD	Size " 2 3/8 Set At 5021' Packer At 5159' Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Date of First, Resumed Production, SMD or Inj.
January 1999

Producing Method

☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	20	0		

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) _____5034'-5046'
5040'-5052'