

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

Operator: License # 32451Name: CLX Energy, Inc.Address 518 17th Street, Suite 745City/State/Zip Denver, CO 80202

Purchaser: _____

Operator Contact Person: E.J. HendersonPhone (303) 825-7080Contractor: Name: Pickrell DrillingLicense: 5123Wellsite Geologist: Tom Robinson

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

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

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

5/24/99 6/4/99 6/26/99
Spud Date Date Reached TD Completion Date

API NO. 15- 033-210140000County ComancheN/2S/2-NW/4 Sec. 21 Twp. 32S Rge. 18 X ^E _W3554 Feet from S (circle one) Line of Section3974 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE SE NW or SW (circle one)Lease Name _____ Acres _____ Well # 1Field Name Coldwater, SouthProducing Formation Cherokee, Pawnee, Altamont, &Elevation: Ground 2119 KB 2124 SwopeTotal Depth 5550 PBTD 5294Amount of Surface Pipe Set and Cemented at 680 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 5294'feet depth to 3700' w/ 245 sx cmt.Drilling Fluid Management Plan A/H-1, B-5-99 U.C.
(Data must be collected from the Reserve Pit)Chloride content 23,000 ppm Fluid volume 850 bblsDewatering method used haul to disposal well

Location of fluid disposal if hauled offsite: _____

Operator Name KBW Oil & GasLease Name Harmon License No. 5993NW Quarter Sec. 11 Twp. 33 S Rng. 20 E ^WCounty Comanche Docket No. CD 98329

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 E.J. HendersonTitle President Date 7/20/99Subscribed and sworn to before me this 20th day of July, 19 99.Notary Public Vicki ShelleyDate Commission Expires 4-9-02

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☒ Geologist Report Received

Distribution

☒ KCC ☐ SMD/Rep ☐ NGPA
☐ KGS ☐ Plug ☒ Other
(Specify) IS

Operator Name CLX Energy, Inc.Lease Name Acres

Well #

Sec. 21 Twp. 32S Rge. 18☐ EastCounty Comanche☒ 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 ☒ Yes ☐ No
 (Attach Additional Sheets.) see attached

 Samples Sent to Geological Survey ☒ Yes ☐ No

 Cores Taken ☐ Yes ☒ No

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

List All E.Logs Run:

IL, CND, Microlog, FracFinder
CBL
☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner Shale	4302	-2178
Douglas Sand	4364	-2240
Lansing	4478	-2354
Drum	4692	-2568
Swope	4809	-2685
Hertha	4874	-2750
Altamont	5016	-2892
Pawnee	5058	-2934
Cherokee Shale	5101	-2977
Mississippi	5154	-3030

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		20"		70'			
Surface	12-1/4"	8-5/8"	24	680'	Lite & Class A	360	3%CC, 2% Gel
Production	9-7/8"	5-1/2"	15.5	5294'	ASC	245	5#/sx Kol-Seal

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purp :	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Show 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	5122'-24', 2'	600 gal. 20% gelled HCL	
4	5067'-71' & 5074'-78', 8'	2550 gal. 20% gelled HCL	
4	5016'-21', 5'	1500 gal. 20% gelled HCL	
4	4810'-17', 7'	2100 gal. 20% gelled HCL	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	4785'	None	☐ Yes ☒ No

 Date of First, Resumed Production, SMD or Inj. July 17, 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	1072	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) _____

JUL 22 1999

 COMPLETION DIVISION
 WILSON, KANSAS

DRILL STEM TEST SUMMARY

ORIGINAL

TRILOBITE TESTING
HAYS, KANSAS
1-800-728-5369
TESTER: GARY PEVOTEAUX

DST 1: 4359-4370' (11') Upper Douglas Sand

Open/close times: 30-60-60-90'

1st Open: Strong blow off bottom bucket in 10 seconds. Gas to surface: 15".

2nd Open: Gauged 216mcf immediately - building to 388mcf in 60" - still building.

Recovered: 125' gassy drilling mud. No water.

I.Hydro: 2135#

IFP: 23-57#

ISIP: 1572#

F.Hydro: 2058#

FFP: 68-143#

FSIP: 1563#

(Alpine electronic pressure readings)

BHT: 106 F.

5/30/99

Total test time: 8.0 hours

DST 2: 4794-4825' (31') Lansing Swope

Open/close times: 30-60-30-60"

1st Open: Very strong blow. Gas to surface in 3". Gauged 243mcf increasing to 388mcf in 30"

2nd Open: Gauged 357mcf increasing to 445mcf in 30".

Recovered: 195' gassy mud. No water.

I.Hydro: 2338#

IFP: 97-140#

ISIP: 1748#

F.Hydro: 2295#

FFP: 152-159#

FSIP: 1738#

(Alpine electronic pressure readings)

BHT: 109 F.

5/31/99

Total test time: 7 hours, 17 min.

DST 3: 5010-5042' (32') Altamont (Marmaton)

Open/close times: 30-60-30-60"

1st Open: Gas to surface in 7". Gauged 68-101mcf.

2nd Open: 166mcf decreasing & stabilized at 141mcf.

Recovered: 175' gassy mud. No water.

I.Hydro: 2456#

IFP: 62-64#

ISIP: 1827#

F.Hydro: 2402#

FFP: 96-75#

FSIP: 1801#

(Alpine electronic pressure readings)

BHT: 110 F.

6/1/99

Total test time: 7 hours, 1 min.

RECORDED
STATE OF KANSAS COMMISSION

JUL 22 1999

COLLORATION DIVISION
Wichita, Kansas