Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1305599

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4419
Name: Bear Petroleum, LLC
Address 1: PO BOX 438
Address 2:
City: HAYSVILLE State: KS Zip: 67060 + 0438
Contact Person: R. A. (Dick) Schremmer
Phone: (316) 524-1225
CONTRACTOR: License # 3004
Name: Gressel Oilfield Service, LLC
Wellsite Geologist: NA
Purchaser:

Designate Type of Completion:
☐ New Well ☐ Re-Entry ☑ Workover
☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator: Bear Petroleum LLC
Well Name: Hixson A #3
Original Comp. Date: 05/16/2002 Original Total Depth: 4100
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☑ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

12/02/2015 Spud Date or Recompletion Date
12/03/2015 Date Reached TD
12/08/2015 Completion Date or Recompletion Date

API No. 15 - 15-195-22220-00-01
Spot Description: 110' N & 110' E OF SWSWSE
_ SW _ SW _ SE Sec. 2 Twp. 12 S. R. 23 ☐ East ☑ West
440 Feet from ☐ North / ☑ South Line of Section
2200 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: (e.g. xx.xxxxx) , Long: (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Trego
Lease Name: HIXSON A Well #: 3
Field Name:
Producing Formation: Conglomerate
Elevation: Ground: 2424 Kelly Bushing: 2430
Total Vertical Depth: 4100 Plug Back Total Depth: 4070
Amount of Surface Pipe Set and Cemented at: 234 Feet
Multiple 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
(Data must be collected from the Reserve Pit)
Chloride content: ppm Fluid volume: bbls
Dewatering method used:
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

AFFIDAVIT
I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY
☐ **Confidentiality Requested**
Date:
☐ **Confidential Release Date:**
☐ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 05/03/2016

[redacted] 1305599

Operator Name: Bear Petroleum, LLC Lease Name: HIXSON A Well #: 3

Sec. 2 Twp. 12 S. R. 23 ☐ East ☑ West County: Trego

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

List All E. Logs Run:

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	1847	+583
Topeka	3417	-987
Lansing	3663	-1233
Marmaton	4009	-1579

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
Liner	4.5	2.875	6.5	4003	65/35 poz	250	6% gel

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	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

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

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Bear Petroleum, LLC
Well Name	HIXSON A 3
Doc ID	1305599

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Liner	4.5	2.875	6.5	4003	65/35 poz	250	6% gel

COPELAND
Acid & Cement

Cement liner

FIELD ORDER № C 43542

BOX 438 • HAYSVILLE, KANSAS 67060
316-524-1225

12-2-15

DATE 12-3-15 20

IS AUTHORIZED BY: Bear Petroleum
(NAME OF CUSTOMER)

Address _____ City _____ State _____

To Treat Well As Follows: Lease Hixon Well No. A-3 Customer Order No. _____

Sec. Twp. Range _____ County Tresa State ks

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid Service is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED _____ By _____
Well Owner or Operator Agent

CODE	QUANTITY	12-2-15 DESCRIPTION	UNIT COST	AMOUNT
2	100	mileage pickup	2.00	200.00
2	20	mileage pump truck	4.00	80.00
2	1	Pump Charge - Circulate		650.00
1	1	Tubing Swivel Rental		250.00
		12-3-15		
2	100	mileage pickup	2.00	200.00
2	100	mileage pump truck	4.00	400.00
2	1	Pump Charge - Line		950.00
2	250	65/35 poz. 2% gel.	10.75	2,687.50
2	9	4% add. gel	22.00	198.00
2	150#	C-37	4.00	600.00
1	1	4½" Used AD-1		750.00
1	1	2⅜" Pump Out cement sleeve		1,100.00
2	262	Bulk Charge	1.25	327.50
2		Bulk Truck Miles 11.53 T x 100m = 1,153 Tm x 1.10		1,268.30
		Process License Fee on _____ Gallons		
		TOTAL BILLING		9,661.30

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative Nathan W.

Station G.B.

Dick S.
Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS

COPELAND Acid & Cement

TREATMENT REPORT

Acid Stage No. _____

Date 12/2/2015 District G.B. F.O. No. C43542

Company Bear Petroleum

Well Name & No. Hixon A-3

Location _____ Field _____

County Trego State KS

Casing: Size 4.5" Type & Wt. _____ Set at _____ ft.

Formation: _____ Perf. _____ to _____

Formation: _____ Perf. _____ to _____

Formation: _____ Perf. _____ to _____

Liner: Size _____ Type & Wt. _____ Top at _____ ft. Bottom at _____ ft.

Cemented: Yes Perforated from _____ ft. to _____ ft.

Tubing: Size & Wt. 2" Swung at _____ ft.

Perforated from _____ ft. to _____ ft.

Open Hole Size _____ T.D. _____ ft. P.B. to _____ ft.

Type Treatment:	Amt.		Type Fluid	Sand Size	Pounds of Sand
Bkdown		Bbl./Gal.			
		Bbl./Gal.			
		Bbl./Gal.			
		Bbl./Gal.			
Flush		Bbl./Gal.			

Treated from _____ ft. to _____ ft. No. ft. 0

from _____ ft. to _____ ft. No. ft. 0

from _____ ft. to _____ ft. No. ft. 0

Actual Volume of Oil / Water to Load Hole: _____ Bbl./Gal.

Pump Trucks. No. Used: Std. 365 Sp. _____ Twin _____

Auxiliary Equipment 321-Mud Pump

Personnel Nathan Jordan Scott

Auxiliary Tools _____

Plugging or Sealing Materials: Type _____

_____ Gals. _____ lb.

Company Representative Dick S. Treater Nathan W.

TIME	PRESSURES		Total Fluid Pumped	REMARKS
a.m./p.m.	Tubing	Casing		
12:30	2"	4.5"		On Location to circulate hole clean.
				Tag out at 2947' Circulate and drill 1jt. Ran tubing to 4006' Drill and
5:00				circulate to 4052' Circulate hole clean and shut down.
8:30	2"	4.5"		On Location. Run tubing and tag out at 4052' Break circulation and drill
				to 4075' Circulate hole clean with 80bbls of salt water. Pull tubing and
				bit out of hole.
				Tally and run in tubing with AD-1 and Seat Nipple and Pump out cement
				sleeve.
				Measure stretch for packer and set 15,000# over string weight. Set packer
				Packer-4003'
				S.N. 4000'
				Drop ball to open cement sleeve. Pressure up to 1050# Sleeve opened.
				Break circulation with water.
				Mix 250sks 65/35poz 6%gel .75% C-37 Un-Hook from tubing and wash
				out pump and lines. Push plug in tubing. Start displacement at 3bpm-
				800# Circulated cement to surface.
				Plug landed at 1300# and tool closed. Pressure up to 1875# with no
				circulation. Pressure droped and well went on vac. Pump 5bbls water at
				2bpm-700# with no circulation to make sure tubing was clean.
				Thank You! Nathan W.