



KANSAS CORPORATION COMMISSION 1095700
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3194
Name: Tri United, Inc
Address 1: 950 270TH AVE
Address 2:
City: HAYS State: KS Zip: 67601 + 9503
Contact Person: Eugene Leiker
Phone: (785) 628-3670
CONTRACTOR: License # 5184
Name: Shields Oil Producers Inc.
Wellsite Geologist: Eugene Leiker
Purchaser: Plains Marketing LP

Designate Type of Completion:

- ☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ WSW ☐ SWD ☐ SLOW
☐ 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:

Well Name:

Original Comp. Date: Original Total Depth:

- ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Conv. to GSW

☐ Plug Back: Plug Back Total Depth

☐ Commingled Permit #:

☐ Dual Completion Permit #:

☐ SWD Permit #:

☐ ENHR Permit #:

☐ GSW Permit #:

04/20/2012 04/26/2012 05/24/2012

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-051-26292-00-00

Spot Description:
SE SE SW Sec. 15 Twp. 12 S. R. 18 ☐ East ☒ West
330 Feet from ☐ North / ☒ South Line of Section
2970 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

County: Ellis

Lease Name: KARLIN Well #: 7

Field Name: Bemis-Shutts

Producing Formation: Arbuckle

Elevation: Ground: 2170 Kelly Bushing: 2170

Total Depth: 3742 Plug Back Total Depth: 3740

Amount of Surface Pipe Set and Cemented at: 206 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: Feet

If Alternate II completion, cement circulated from: 3740

feet depth to: 0 w/ 245 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 46000 ppm Fluid volume: 500 bbls

Dewatering method used: Evaporated

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

☐ Letter of Confidentiality Received

Date:

☐ Confidential Release Date:

☒ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☒ II ☐ III Approved by: NAOMI JAMES Date: 10/08/2012



1095700

Operator Name: **Tri United, Inc**Lease Name: **KARLIN**Well #: **7**Sec. **15** Twp. **12** S. R. **18** ☐ East ☒ WestCounty: **Ellis**

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

 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

 Electric Log Submitted Electronically ☒ Yes ☐ No
 (If no, Submit Copy)

List All E. Logs Run:

Radiation Guard Log

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

Name	Top	Datum
Lansing KC	3426	-1255
Arbuckle	3727	-1556
RTD	3742	-1571

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	12.625	8.765	20	206	Common	150	3%cc 2%gel
Production	7.875	5.625	15	3740	Common	185	10%salt 2%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	-			

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
2	3515 - 3518		
2	3592 - 3596		
3	3730 - 3738		

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

 Date of First, Resumed Production, SWD or ENHR.
07/01/2012

 Producing Method: ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls. 6	Gas Mcf	Water Bbls. 35	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS:

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

METHOD OF COMPLETION:

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
 (Submit ACO-5) (Submit ACO-4)
☐ Other (Specify) _____

PRODUCTION INTERVAL:

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

Geological Report

Tri United, Inc Operator

Karlin # 7

SE - SE - SW 15 - 12S - 18W

Ellis County Kansas

Elevation: 2171 KB

2166 GL

General:

Contractor : Shields Drilling

Commenced : 4-20-12

Completed : 5-24-12

Casing: 8 5/8 at 206' w/ 150sks

5 1/2 at 3741' w/ 185sks

Pertinent Data

	Top	Datum (KB)
Anhydrite	1432	739
Heebner	3380	-1209
Topeka	3144	-973
Lansing KC	3426	-1255
Arbuckle	3727	-1556
RTD	3742	-1571

Zones of Interest:

3504 - 3520: Lansing Kansas City

Limestone; cream, gray chalky slightly fossiliferous, scattered stain, faint odor, finely crystalline.

3590 - 3606: Lansing Kansas City

Limestone, cream, finely crystalline, slightly chalky, pinpoint porosity, trace stain, free oil and faint to fair odors.

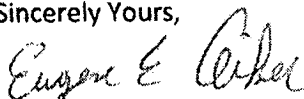
3727 - 3742: Arbuckle

Dolomite, cream, medium crystalline, good brown stain, some dead oil, some vuggy porosity with good show of live sticky heavy oil, good odor.

Recommendations:

On the basis of the good samples found in the Arbuckle, even though the well was considerably low on all of the horizons, I believe the well can produce from the Arbuckle Formation. The Log also indicated a high saturation of oil to water ratio which looked favorable for us. Recommend setting casing to open hole the Arbuckle.

Sincerely Yours,



Eugene E. Leiker

RECEIVED

AUG 22 2012

KCC WICHITA

ALLIED CEMENTING CO., LLC. 034649

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

API # 15-051-26292-00-00 RUSSELL

DATE 4-26-12	SEC 15	TWP S 12	RANGE 18E	CALLED OUT	ON LOCATION	JOB START 2:30 PM	JOB FINISH 3 PM
KARLIN LEASE	WELL # 7	LOCATION HAYS KS N TO Buckeye Rd			COUNTY Ellis	STATE KS	
OLD OR NEW (Circle one) <u>NEW</u>				Y4 E - N/W into			

CONTRACTOR SHIELD #1
TYPE OF JOB Production
HOLE SIZE 7 7/8 TD. 3741
CASING SIZE 5 1/2 DEPTH 3741
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 10.87 FT
PERFS.
DISPLACEMENT 88.77
EQUIPMENT

OWNER
CEMENT
AMOUNT ORDERED 185 SK 10% SALT
2% GEL
COMMON 185 @ 16.25 3006.25
POZMIX @
GEL 3 @ 21.25 63.75
CHLORIDE @
ASC @
SALT 20 @ 23.95 479.00
HANDLING 208 @ 2.25 468.00
MILEAGE 34 X 208 X .11 777.92
TOTAL 4794.92

REMARKS:

PLUG RAT HOLE 30 SK
PLUG MOUSE HOLE 15 SK

SERVICE

DEPTH OF JOB 3741
PUMP TRUCK CHARGE 2225.00
EXTRA FOOTAGE @
MILEAGE HV 34 @ 7.00 238.00
MANIFOLD PLUG @ 250.00 0
LOV M. 34 @ 4.00 136.00

CHARGE TO: TRI UNITED
STREET
CITY STATE ZIP

TOTAL 2599.00

PLUG & FLOAT EQUIPMENT

Guide Shoe @ 168.00
AFN INSERT @ 200.00
CENTRALIZERS 3 @ 34.00 102.00
BASKET @ 236.00
TUP Rubber plug @ 510.00

TOTAL 757.00

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Jack Haddock

SIGNATURE Jack Haddock

SALES TAX (If Any) 229.58
TOTAL CHARGES 8150.92
DISCOUNT 20/50 1975.26 IF PAID IN 30 DAYS

RECEIVED

AUG 22 2012

KCC WICHITA

QUALITY WELL SERVICE, INC.

5542

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410
Office / Fax 620-672-3663

API - 15-051-26292

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date <u>6-1-12</u>	Sec. <u>15</u>	Twp. <u>12</u>	Range <u>18</u>	County <u>Ellis</u>	State <u>KS</u>	On Location	Finish <u>11:00 am</u>
Lease <u>Karlin</u>	Well No. <u>7</u>	Location <u>Hay's us 7N 1/2 E N1 to</u>					
Contractor <u>CO Tools</u>				Owner			
Type Job <u>2-Stage</u>				To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size	T.D.			Charge To <u>Tri-United</u>			
Csg. <u>5 1/2</u>	Depth <u>1430</u>			Street			
Tbg. Size <u>2 7/8</u>	Depth <u>1328</u>			City <u>Hay's</u> State <u>KS</u>			
Tool	Depth			The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. <u>20 ft</u>	Shoe Joint			Cement Amount Ordered <u>220 sx 60/40 6% gel</u>			
Meas Line	Displace <u>9.5 bbl</u>			<u>25 sx com 3% CC 2% gel</u>			
EQUIPMENT							
Pumptrk No. <u>8</u>	<u>David</u>			Common <u>160</u>			
Bulktrk No. <u>4</u>	<u>Heath</u>			Poz. Mix <u>85</u>			
Bulktrk No. <u>7</u>	<u>M. Hg</u>			Gel. <u>12</u>			
Pickup No.				Calcium <u>1</u>			
JOB SERVICES & REMARKS				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
<u>Perf @ 1430</u>				Sand			
<u>Packer @ 1328</u>				Handling <u>258</u>			
				Mileage <u>8</u>			
<u>Hooked up and est Circulation and mixed 220 sx 60/40 and tailed in with 25 sx com 3% CC - knocked lose and washed pump and lines clean - Hooked up and disp 9.5 bbl H2O - Shut in @ 300 ps.</u>				FLOAT EQUIPMENT			
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
<u>Cement Did Circulate to surface</u>							
				Pumptrk Charge <u>2-Stage</u>			
				Mileage <u>8</u>			
<u>cc-state man Ray Dinkle witnessed Circulation</u>				RECEIVED			
<u>Thank You!!</u>				AUG 22 2012			
Signature <u>J. Eugene E. Pitzer</u>				Tax			
				Discount			
				Total Charge			

KCC WICHITA