

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

KCC WICHITA

Form ACO-1

August 2013

Form must be Typed

Form must be Signed

All blanks must be Filled

APR 17 2014

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE RECEIVED

OPERATOR: License # 32346

Name: Bartelson Oil

Address 1: P.O. Box 45

Address 2: \_\_\_\_\_

City: Wellington State: KS Zip: 67152 + \_\_\_\_\_

Contact Person: Mitch Bartelson

Phone: (620) 326-0486

CONTRACTOR: License # 34082

Name: Alliance Well Service

Wellsite Geologist: \_\_\_\_\_

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: Bartelson Oil

Well Name: Burress #1

Original Comp. Date: 11/27/1981 Original Total Depth: 3555

- 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 #: E-25,503
- GSW
- Permit #: \_\_\_\_\_

<u>08/02/2012</u>	<u>08/06/2012</u>	<u>08/09/2012</u>
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 173-20330-0001

Spot Description: NE, SW, NW, NE

NE SW NW NE Sec. 21 Twp. 29 S. R. 2  East  West

986 4300 Feet from  North /  South Line of Section

2,229 Feet from  East /  West Line of Section

Footages Calculated GPS-KCC-DLG from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: 37.51633, Long: 97.21572  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: Sedgwick

Lease Name: Burress Well #: 1

Field Name: Burress

Producing Formation: Simpson

Elevation: Ground: 1304 Kelly Bushing: 1309

Total Vertical Depth: 3555 Plug Back Total Depth: 3543

Amount of Surface Pipe Set and Cemented at: 200 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: 15,000 ppm Fluid volume: 80 bbls

Dewatering method used: Empty pit, dispose water, backfill

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**INSTRUCTIONS:** The original 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. If confidentiality is requested and approved, side two of this form will be held confidential for a period of 2 years. Rules 82-3-130, 82-3-106 and 82-3-107 apply. Drill Stem Test, Cement Tickets and Geological Well Report must be attached.

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.

Signature: TS

Title: Operator Date: 4-16-14

KCC Office Use ONLY

- Confidentiality Requested
- Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: DLG Date: 4/21/14

Operator Name: Bartelson Oil Lease Name: Burress Well #: 1  
 Sec. 21 Twp. 29 S. R. 2  East  West County: Sedgwick

**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](mailto: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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  The purpose of this ACO-1 is to show the information related to installing a 4 1/2" liner in the well. All other well information is unchanged.
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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 7/8	4.5	9.5	3461	60/40	125	4% gel, 1/4% FR, 1/4% DF
Injection		2 3/8	4.6	3450	N/A	N/A	N/A

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-3461	60/40	125	4% gel, 1/4% FR, 1/4% DF Cemented liner from top to bottom

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 <i>(Amount and Kind of Material Used)</i>	Depth
None	This ACO-1 is to show the information relating to installing the 4 1/2" liner.		

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TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>3450</u> Packer At: <u>3452</u>		Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	RECEIVED
Date of First, Resumed Production, SWD or ENHR. <u>08/14/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>Injection from 3489.5 to 3492.5</u>
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**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 37818

LOCATION Eureka

FOREMAN Kevin McCoy

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**

**CEMENT API N/A**

**KS**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																				
8-7-12	1290	Butress #1	21	29S	2E	Sedgwick																				
CUSTOMER Bartelson Oil			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>520</td> <td>John S.</td> <td></td> <td></td> </tr> <tr> <td>479</td> <td>Merkle R.</td> <td></td> <td></td> </tr> <tr> <td>637</td> <td>Jim M.</td> <td></td> <td></td> </tr> <tr> <td>530 T63</td> <td>Allen B</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	520	John S.			479	Merkle R.			637	Jim M.			530 T63	Allen B		
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MAILING ADDRESS P.O. Box 45																										
CITY Wellington																										
STATE KS																										
ZIP CODE 67152																										

JOB TYPE 4 1/2" LINER HOLE SIZE 7 7/8" HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT 5 1/2"  
 CASING DEPTH 3461' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 12.8-13.2 SLURRY VOL 34 BBL WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0'  
 DISPLACEMENT 56.5 BBL DISPLACEMENT PSI 2800 PSI 3050 Bump Plug RATE 2.2 - .75 BPM

REMARKS: Safety Meeting: SAND BACK TO 3464'. 4 1/2" (9.5") Liner Set @ 3461'. Rig up to 4 1/2" Liner. Break Circulation w/ 55 BBL Fresh water. Good fluid Returns to Surface. 2.2 BPM @ 1600 PSI. Mixed 125 SLS 60/40 Pozmix Cement w/ 4% Gel, 1/4% CDI-26, 1/4% CAF-38 @ 12.8-13.2\*/9AL = 34 BBL Slurry. Shut down. Wash out Pump & Lines. Release Plug. Start Displacement @ 2.2 BPM @ 1400 PSI. Displace Plug to Seat w/ 56.5 BBL fresh water. Final Pumping Pressure 2800 PSI @ .75 BPM. Bump Plug to 3050 PSI. Holding @ 3050 PSI. Release Pressure. Float Held. Shut Casing in @ 0 PSI. Good Cement Returns to Surface = 12 BBL Slurry to Pit. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	45	MILEAGE	4.00	180.00
1131	125 SLS	60/40 Pozmix Cement	12.55	1568.75
1137	25 *	CDI-26 1/4% Friction Reducer	8.08 *	202.00
1146	25 *	CAF-38 1/4% Deformer	8.10 *	202.50
5407	5.38 TONS	Ton Mileage Back Delv.	M/c	350.00
5501 C	4 HRS	Water Transport	112.00	448.00
5502 C	4 HRS	80 BBL VAC TRUCK	90.00	360.00
1123	7500 GALS	City water	16.50/1000	123.75
4404	1	4 1/2 Top Rubber Plug	45.00	45.00
4156	1	4 1/2 OD Flush Joint Float Shoe	238.00	238.00
<b>KCC WICHITA</b>				
<b>APR 17 2014</b>				
<b>RECEIVED</b>			Sub Total	4748.00
<b>THANK You</b>			SALES TAX	173.74
<b>7.3%</b>			ESTIMATED TOTAL	4921.74

Ravin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

**Burress #1 SWD**

- 7-6-12 Pre test annulus on well with air compressor to 110 lbs. Held for 5 days.
- 7-12-12 MIT disposal using Patton Tank Truck. State required 300 lbs. Failed.  
           Initial shut in           305 lbs  
           15 min                   300 lbs  
           30 min                   292 lbs  
 Disconnected disposal and shut down producer.
- 7-18-12 Moved Alliance in. RU and pulled and additional 10 pts over on packer. Tested again and did not hold. Released packer and pulled one joint. Reset packer and tested. Did not hold. Came out with tubing. (11 hrs.)
- 7-19-12 Ran dressed Baker packer back in well while hydro testing tubing with Chase Tubing Testers. Found no leaks. Left out two joints for structural damage. Reset packer and tested. Did not hold. Pulled tubing back out of well, rigged down, and backed in to #2. (12.5 hrs.)
- 7-20-12 RU on #2 and pulled rods and tubing to use tubing as a work string. Rigged down and moved rig to King #2. (9 hrs.)
- 8-1-12 Unloaded string of 9.5 lb 4.5" casing on #1
- 8-2-12 Moved Alliance in on #1 @ 0830 hrs. RU and run bit, scraper, bit sub, and 106 joints to 3386 ft. Stacked out. Hooked up pump and swivel and began drilling out iron sulfide. Cleaned out hole to 3451' and started drilling on something solid. Began getting iron pieces. Drilled for approx 20 min and stopped. Came out with equipment and shut down for day. (10 hrs rig time)
- 8-3-12 Alliance on location at 0745 hrs. Run in hole with mill and wash pipe. Began milling @ 3451' @ 0930 hrs. Milled rubber and made approx 6" in an hour. Began milling on something hard and took 4 hrs to get another 6". Milled on some rubber again for the next 6" which only took 15 min. Got on something hard and just began spinning. Stacked out and unable to get any torque or cuttings. Milled for 40 minutes and came out of hole. Once out found the mill was worn out. SD for the day. (12 hrs.)
- 8-6-12 Ran in well with new mill and began milling at 1030 hrs. Getting metal cuttings and iron sulfide. Milled for approx 30 minutes and made it through the packer. Losing some fluid so had Pattons come and bring 60 bbl water. At this point we were pushing the packer down the hole and bringing up very fine iron sulfide and no metal. Making about one foot every five minutes. Continued until we hit the perms at 3489. At this point

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we began falling to bottom. Chased the packer to bottom and stacked out at TD, 3543'. Cleaned hole out for 40 minutes and then pulled tubing and mill out of well. Found the packer wedged inside the wash pipe. Ran the sand pump down to bottom. Marked the line 75 feet up and released the rig crew. I then sanded off the rat hole and perfs with 10.5 sacks of sand. Should leave the sand at 3469.5'. (12.5 hrs rig time)

8-7-12 Ran in well with sand pump and located sand within 5' of where we wanted it. Started in the hole with 4.5", 9.5 lb casing. Had 3536.25' of casing on location and stacked out at 3465'. Pulled off bottom 4' and welded changeover on. Bottom of 4.5" at 3461'. Consolidated on location and cemented between 4.5" and 5.5" with 125 sacks. Cement to surface and plug to bottom. SD for the day. (8 hrs rig time)

8-8-12 Ran in well with bit and sub and located bottom at 3461. Drilled out shoe, rubber, and 3 ft of cement. Fell through and washed out sand. Cleaned out to bottom and found TD at 3543'. Cleaned up for 35 minutes and came out with equipment. SD early due to rig hands getting sick. (9 hrs. rig time)

8-9-12 Ran in with 112 joint duolined tubing setting the packer at 3452'. Circulated packer fluid to bottom and set packer. Pressured well up to 310 lbs. Held and called state man. Dan Fox came out and passed the well for MIT. Hooked up water line and moved Alliance over to #2. Rigged up and ran well in and hung on. (12 hrs. rig time)

OK

Scan, enter into Burros  
e-mail to ME and then  
file

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