

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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

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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **4323**
 Foreman Kevin McCoy
 Camp EUREKA

API #15-159-22862

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
1-4-19	1305	WALKER #2	33	18S	9W	Rice	KS
Customer		Safety Meeting KM AM ZA	Unit #	Driver		Unit #	Driver
TRANS-Western Operating Company			104	ALAN M.			
Mailing Address			113	Zevi A.			
P.O. Box 276							
City	State	Zip Code					
Golden	Co.	80402					

Job Type SURFACE Hole Depth 303' KB = 8' Slurry Vol. 44 Tubing _____
 Casing Depth 293.97' @ 303 KB Hole Size 12 1/4" Slurry Wt. 14.8# Drill Pipe _____
 Casing Size & Wt. 8 5/8" 23# Cement Left in Casing 20' Water Gal/SK 5.6 Other _____
 Displacement 18.2 Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: SAFETY Meeting: 8 5/8" 23# CASING Set @ 293.97' = 3' Below G.L. Rig up to 8 5/8" CASING.
BREAK CIRCULATION w/ 10 BBL FRESH WATER. MIXED 200 SKS 60/40 Pozmix Cement w/ 3% CaCl2,
2% GeL, 1/4# Flo-SEAL/sk @ 14.8#/gal, yield 1.24 = 44 BBL Slurry. Displace w/ 18.2 BBL Fresh
WATER. Shut casing in. Good Cement to SURFACE = 8 BBL Slurry to Pit. Job Complete.
Rig down

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 101	1	Pump Charge	890.00	890.00
C 107	100	Mileage	4.20	420.00
C 203	200 SKS	60/40 Pozmix Cement	13.40	2680.00
C 205	500 #	CaCl2 3%	.63 #	315.00
C 206	340 #	GeL 2%	.21 #	71.40
C 209	50 #	Flo-Seal 1/4 #/sk	2.35 #	117.50
C 108 B	8.6 Tons	Ton Mileage 100 Miles	1.40	1204.00
			Sub Total	5697.90
			Less 5%	296.83
			Sales Tax	238.79
Authorization <u>Jay / [Signature]</u> Title <u>Southwind Tool Pusher</u>			Total	5639.86

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **4336**
 Foreman David Gardner
 Camp Eureka

API# 15-159-22862

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
1-9-19	1305	Walker #2	33	18S	9W	Rice	KS
Customer			Unit #	Driver	Unit #	Driver	
Trans - Western Operating Company			105	Jason H.			
Mailing Address			110	Zevi A.			
P.O. Box 276							
City	State	Zip Code					
Golden	CO	80402					

Job Type P.T.A. New Well Hole Depth 3280' Slurry Vol. _____ Tubing _____
 Casing Depth _____ Hole Size 7 7/8" Slurry Wt. 14# Drill Pipe 4 1/2" 16#
 Casing Size & Wt. _____ Cement Left in Casing _____ Water Gal/SK 6.5 Other _____
 Displacement _____ Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting. Plug well through 4 1/2 Drill pipe as follows:
35 SKS @ 3200'
35 SKS @ 1175'
35 SKS @ 825'
35 SKS @ 350'
25 SKS @ 60' to surface
30 SKS in Rathole
195 SKS Total

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C103	1	Pump Charge	1100.00	1100.00
C107	100	Mileage	4.20	420.00
C203	195 SKS	60/40 Pozmix Cement	13.40	2613.00
C206	670#	Gel @ 4%	.21	140.70
C108B	8.385 Tons	Ton Mileage - 100 miles	1.40	1173.90
<u>Thank You</u>				
			Sub Total	5447.60
			Less 5%	282.71
			7.5% Sales Tax	206.53
Authorization <u>Jay Price</u> Title _____			Total	5371.42

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Company: Trans-Western Operating Company
Lease: Walker #2

SEC: 33 TWN: 18S RNG: 9W
 County: RICE
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 3
 Elevation: 1705 EGL
 Field Name: Chase-Silica
 Pool: Pool Ext.
 Job Number: 273

Operation:
 Uploading recovery & pressures

Tester: Wil Steinbeck
 On-Site Contact: Frank Mize

DATE
 January
08
 2019

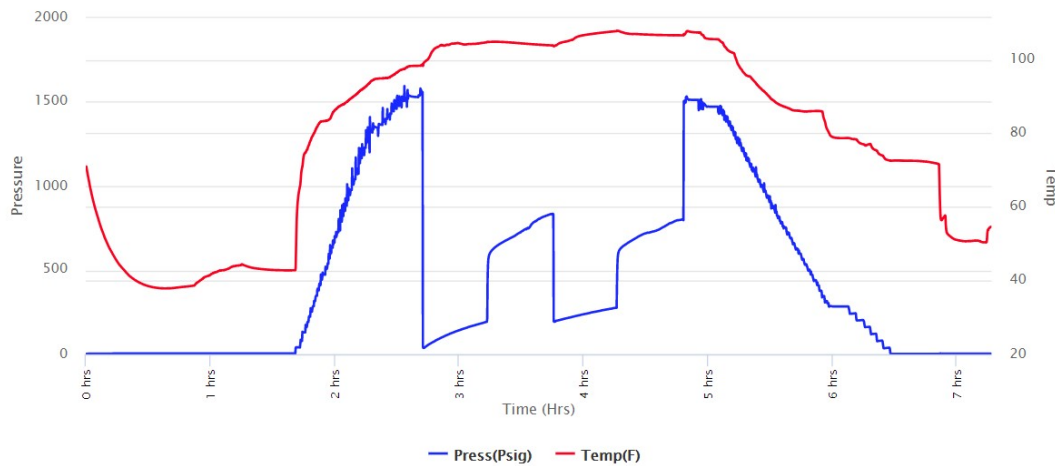
DST #1 **Formation: Arbuckle** **Test Interval: 3144 - 3238'** **Total Depth: 3238'**
 Time On: 08:43 01/08 Time Off: 15:49 01/08
 Time On Bottom: 11:22 01/08 Time Off Bottom: 13:22 01/08

Mud Properties Down Hole Makeup Gas To Surface: NO
 Tester Communication Well Flow: NO Default View

Electronic Volume Estimate: 679'	1st Open Minutes: 30 Current Reading: 56" at 30 min Max Reading: 56"	1st Close Minutes: 30 Current Reading: 0" at 30 min Max Reading: 0"	2nd Open Minutes: 30 Current Reading: 31.5" at 30 min Max Reading: 31.5"	2nd Close Minutes: 30 Current Reading: 0" at 30 min Max Reading: 0"
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Download Outside Recorder File

Download Inside Recorder File



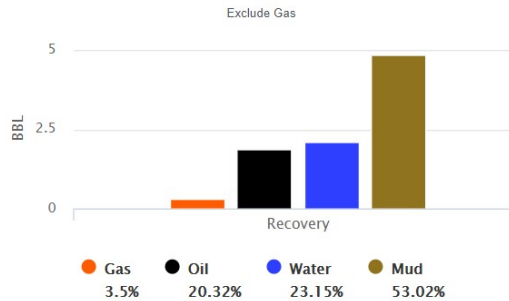
Click to View Outside Recorder File Chart

<u>Recovered</u>		<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
<u>Foot</u>	<u>BBLs</u>					
64	0.91072	SLOCM	0	3	0	97
450	6.4035	SLGCSLWCOCM	5	28	8	59
128	1.82144	SLOCMLCW	0	2	88	10

Total Recovered: 642 ft
 Total Barrels Recovered: 9.13566

Reversed Out
 NO

Recovery at a glance



GIP cubic foot volume: 1.79762

Estimated Daily Production

BUCKET MEASUREMENT:

1st Open: BOB in 4 min
 1st Close: No Blow
 2nd Open: BOB in 10 min
 2nd Close: No Blow

REMARKS:

Tool Sample: 5% Gas 25% Oil 55% Water 15% Mud
 Measured RW: .600 @ 54 degrees °F
 RW at Formation Temp: 0.318 @ 108 °F
 Chlorides: 16000 ppm

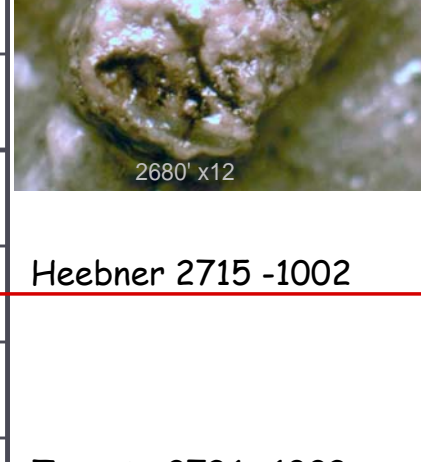
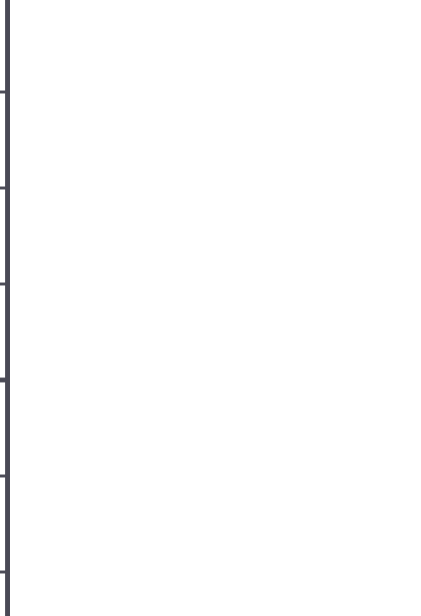


TRANS-WESTERN OPERATING CO. GEOLOGICAL REPORT DRILLING TIME & SAMPLE LOG



COMPANY: Trans-Western Operating Company, LEASE: Walker #2, LOCATION: 330 FNL & 650' FEL, SFC: 33 TMSR 18S R9E 9W, COUNTY: Rice STATE: Kansas, CONTRACTOR: Southwind Drilling Rig #3, SPUID: 1-4-19 COMP 1-9-19, SAMPLES SAVED FROM 2400' TO RTD

Main log table with columns for Depth (ft), Lithology, and Formation. Includes lithology descriptions like 'Limestone: off white to gray, fine to medium crystalline...' and 'Shale: gray, slightly arenaceous'.



Heebner 2715 -1002

Toronto 2736 -1023

Douglas 2752 -1039

Brown Lime 2840 -1127

Lansing 2865 -1152

Muncie Creek 3008 -1295

Stark 3087 -1374

BKC 3150 -1437

Arbuckle 3225 -1512

Arbuckle 3225 -1512

Trans-Western Operating Co. Walters #2 330' FNL & 650' FEL 33-18S-9W Rice Co., KS 1713 KB

Comments:

Well log summary including: Company: Trans-Western Operating, Lease: Walker #2, DST #1, Formation: Arbuckle, Total Depth: 3238', Pressure/Temperature graph, Recovered fluid table, Recovery at a glance bar chart, and Remarks section.

12/31/18 Location moved and dirtwork completed on 12/19/18. Steel pits are set on location. 01/03/19 Moving in rig of rig #3. 01/04/19 Drilling @ 270' @ 7:00 AM. Spudded @ 12:00 AM 1/4/2019.

01/05/19 Drilling @ 1022' @ 7:00 AM. Spudded at @ 12:00 AM 01/04/19. Drilled 12.25' hole to 303' KB. Ran 293.97' 8.625" 2 3/8" casing. Set @ 303' KB. Elite Cementing and Acid cemented with 2200 sx 60/40 Poz + 3% CaCl2, 2% gel, .25% Floesal. Good circulation to surface.