

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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CEMENT TREATMENT REPORT

Customer: Arcadian Resources	Well: Prairie View #12-2	Ticket: WP 5427
City, State: Norton KS	County: Norton KS	Date: 5/23/2024
Field Rep: Brad Parker	S-T-R: 12-3S-21W	Service: PTA

Downhole Information

Hole Size:	7 7/8 in
Hole Depth:	4088 ft
Casing Size:	in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	bbls

Calculated Slurry - Lead

Blend:	H-Plug A
Weight:	13.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.42 ft ³ / sx
Annular Bbls / Ft.:	0.0406 bbs / ft.
Depth:	3958 ft
Annular Volume:	160.7 bbls
Excess:	
Total Slurry:	77.1 bbls
Total Sacks:	305 sx

Calculated Slurry - Tail

Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
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1:55 AM			-	-	Arrived on location
2:05 AM				-	Safety meeting
2:15 AM				-	Rigged up
3:22 AM	3.0	150.0	15.0	15.0	Water ahead
3:33 AM	4.7	200.0	12.6	27.6	Mixed 50 sacks H-Plug A cement 13.8 ppg @ 3958'
3:40 AM	2.7	-	5.0	32.6	Begin water displacement
3:51 AM			42.9	75.5	Begin mud displacement
				75.5	
5:53 AM	4.5	120.0	15.0	90.5	Water ahead
6:01 AM	4.0	150.0	12.6	103.1	Mixed 50 sacks H-Plug A cement 13.8 ppg @ 2050'
6:08 AM	3.0	20.0	5.0	108.1	Begin water displacement
6:14 AM			15.8		Begin mud displacement
7:17 AM	4.7	100.0	15.0		Water ahead
7:25 AM	3.5	150.0	25.2		Mixed 100 sacks H-Plug A cement 13.8 ppg @ 1425'
7:39 AM	2.0	-	10.5		Begin water displacement
8:30 AM	5.0	70.0	15.0		Water ahead
8:38 AM	3.0	50.0	12.6		Mixed 50 sacks H-Plug A cement 13.8 ppg @ 300'
8:43 AM	2.0	50.0	1.0		Begin water displacement
9:42 AM	2.0	-	2.5		Mixed 10 sacks H-Plug A cement @ 13.8 ppg with 8 5/8 wooden plug for top 40'
9:47 AM	2.5	50.0	3.7		Mixed 15 sacks H-Plug A cement @ 13.8 ppg for mousehole plug
9:53 AM	2.7	50.0	7.5		Mixed 30 sacks H-Plug A cement @ 13.8 ppg for rathole plug
9:57 AM					Plug down
9:59 AM					Washed up and rigged down
10:30 AM					Left location

CREW			UNIT	SUMMARY		
Cementer:	John		947	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Mack		537-520	3.3 bpm	77 psi	217 bbls
Bulk #1:	Jose T		180-250			
Bulk #2:						

Sean Deenihan

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Arcadian Resources, LLC**
 LEASE **Prairie View #12-2**

FIELD _____
 LOCATION **1330' FSL & 960' FEL**
 SEC **12** TWP **3S** RGE **21W**
 COUNTY **Norton** STATE **Kansas**

CONTRACTOR **Double D Drilling**
 SPUD **5/15/24** COMP **5/22/24**
 RTD **4096'** LTD **4090'**
 MUD UP **3200'** TYPE MUD **Chemical**

SAMPLES SAVED FROM **3800'** TO **RTD**
 DRILLING TIME KEPT FROM **3800'** TO **RTD**
 SAMPLES EXAMINED FROM **3400'** TO **RTD**

GEOLOGICAL SUPERVISION FROM **3400'**
 REFERENCE WELL _____

ELEVATIONS

KB **2333'**

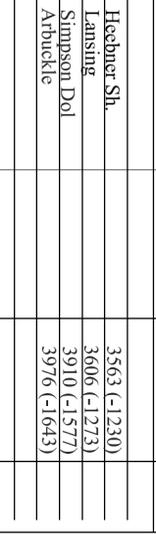
DF _____

Measurements Are All From **Kelly Bushing**

CASING
 CONDUCTOR _____
 SURFACE **8'-5/8"** at **252'**
 PRODUCTION **5.5"**

ELECTRICAL SURVEYS
 EJI _____
 CND/DIL _____
 MIC _____

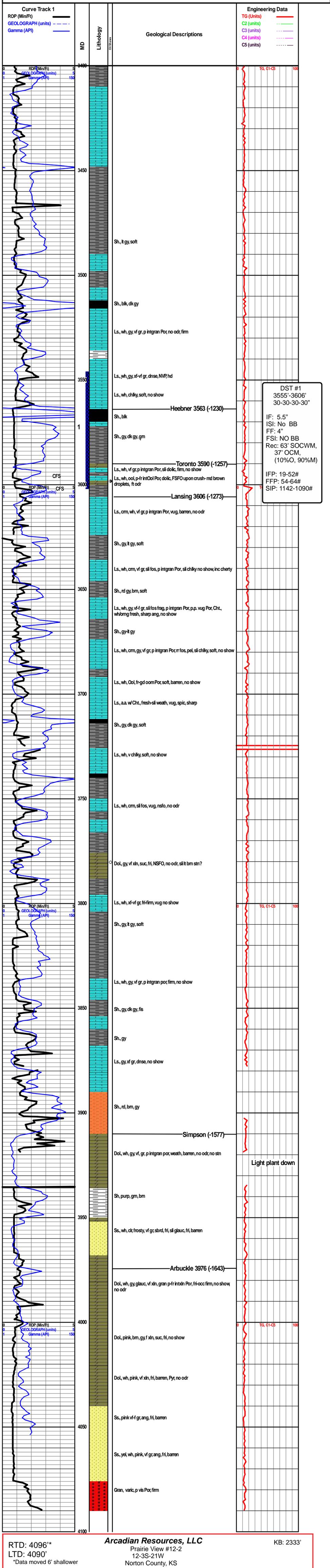
Formation	Sample Tops	E-log Tops
Heebner Sh.		3563 (-1230)
Lansing		3606 (-1273)
Simpson Dol		3910 (-1577)
Arbuckle		3976 (-1643)

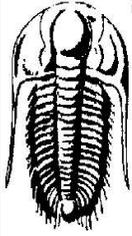


REMARKS The Prairie View #12-2 had poor reservoir development and was plugged based on poor sample shows, DST results, and log evaluation. Log depth was 7' shallow at surface casing and 6' shallow at TD. Pason data was adjusted 6' shallower to better fit E-log.

Respectfully Submitted,

Sean P. Deenihan





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Arcadian Resources LLC

12/3s/21w Norton KS

313 E Kansas St
Glen Elder, KS 67446

Prairie View #12-2

ATTN: Sean Deenihan

Job Ticket: 71580

DST#: 1

Test Start: 2024.05.21 @ 12:03:00

GENERAL INFORMATION:

Formation: **Totonto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:35:06

Time Test Ended: 17:28:36

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 73

Interval: 3555.00 ft (KB) To 3608.00 ft (KB) (TVD)

Reference Elevations: 2333.00 ft (KB)

Total Depth: 3608.00 ft (KB) (TVD)

2326.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6771

Inside

Press@RunDepth: 63.73 psig @ 3556.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2024.05.21

End Date:

2024.05.21

Last Calib.:

2024.05.21

Start Time: 12:03:00

End Time:

17:28:36

Time On Btm:

2024.05.21 @ 13:34:51

Time Off Btm:

2024.05.21 @ 15:38:36

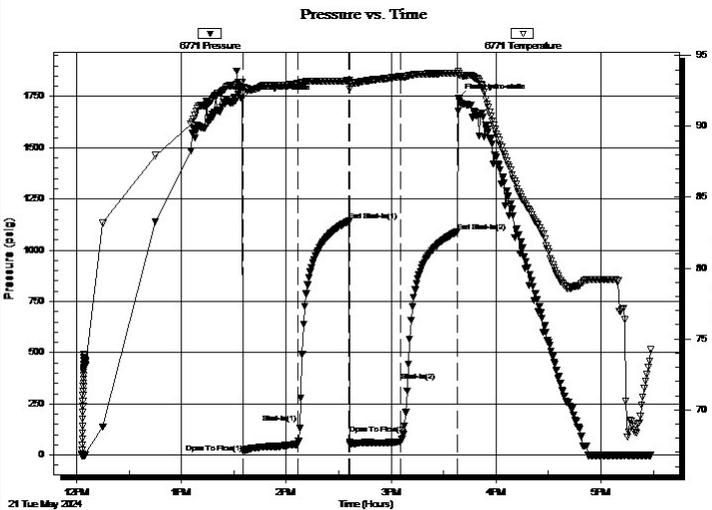
TEST COMMENT: 30 - IF: 1/4" Blow at open, built to 5 1/2"

30 - IS: No blow

30 - FF: Blow built to 4"

30 - FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1737.92	93.07	Initial Hydro-static
1	18.71	92.31	Open To Flow (1)
32	52.20	93.01	Shut-In(1)
61	1142.23	93.23	End Shut-In(1)
62	53.93	93.04	Open To Flow (2)
91	63.73	93.50	Shut-In(2)
123	1090.32	93.77	End Shut-In(2)
124	1740.50	93.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	SOWCM 72% <i>m</i> , 25% <i>w</i> , 3% <i>o</i>	0.60
37.00	OCM 90% <i>m</i> , 10% <i>o</i>	0.52

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Pressure vs. Time

