

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](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 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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Osage Wireline, Inc.  
 PO Box 490  
 Cleveland, OK 74020

# Invoice

Date	Invoice #
7/5/2023	04519

<b>Bill To</b>
FASTRAK ENERGY 543 A 22000 RD CHERRYVALE, KS 67335

Lease/Well No.	Legal Description	Terms	Field Work Order No.	
Compton South 2-A	5 34S 19E - Labette	Due on receipt	7051	
Item	Description	Rate	Service Date	Amount
Cased Hole	Ran GR/CCL/Radial Bond Log from 898' - Surface Perforated from: 860' - 870' - 20 Shots 830' - 834' - 8 Shots 814' - 824' - 20 Shots 510' - 516' - 24 Shots - 72 Total Shots Out-of-state sale, exempt from sales tax	8,900.00	7/3/2023	8,900.00
		0.00%		0.00
Please include Invoice number w/ Payment. Any Invoices 90 day or older will be subject to an 18% APR.			<b>Total</b>	\$8,900.00
			<b>Payments/Credits</b>	\$0.00
			<b>Balance Due This Invoice</b>	\$8,900.00

<b>Phone #</b>
918.358.5155

<b>E-mail</b>
malori@osagewirelineinc.com







Air Drilling Specialist  
Oil & Gas Wells

**THORNTON AIR ROTARY, LLC**

Office Phone: 620-879-2073

PO Box 449  
Caney, KS 67333

Date Started	5-31-23
Date Completed	6-1-23

Operator	A.P.I #	County	State
Fastrak Energy, LLC		Labette	Kansas

Well No.	Lease	Section	Township	Range
2A	Compton South	5	34	19E

Type of Well	Driller	Cement	Surface	TD	Size of Hole
Oil	Billy Thornton	6	21' 7" 8 5/8	908	6 3/4

0-9	DIRT	428-431	BLK SHALE		
9-28	LIME	431-446	SHALE		
28-48	SHALE	446-447	COAL (FLEMING)		
4-61	SANDY SHALE	447-455	SHALE		
61-154	SHALE	455-456	LIME		
154-181	LIME (PAWNEE)	456-469	SHALE		
181-187	BLK SHALE	457	GAS TEST-SLIGHT BLOW		
	(LEXINGTON)	469-470	BLK SHALE/COAL		
187-210	SHALE	470-514	SHALE		
210-219	SAND	514-517	SAND/LIGHT ODOR		
219-224	SANDY SHALE	517-519	SAND		
224-230	SAND	519-560	SHALE		
230-249	SHALE	560-570	BLK SHALE		
232	GAS TEST	570-653	SHALE		
249-277	LIME (OSWEGO)	653-654	BLK SHALE/COAL		
277-282	BLK SH/WET (SUMMIT)	654-670	SHALE		
282-302	LIME	670-694	LAMINATED SAND		
282	GAS TEST-SLIGHT BLOW	694-700	GRAY SHALE		
282	WENT TO WATER	700-801	SHALE		
302-307	BLK SHALE (MULKY)	801-802	COAL (RIVERTON)		
307-309	LIME	802-815	SHALE		
309-374	SHALE	815-820	LIME (MISS. CHAT)		
332	GAS TEST - NO GAS	820-824	CHERT/LIME		
374-376	BLK SHALE	824-838	GRAY LIME		
376-386	SHALE	838-853	CHATTY LIME		
386-388	BLK SHALE	853-863	GRAY LIME		
388-412	SHALE	863-870	GRAY LIME/OIL SHOW		
412-414	SAND	870-886	GRAY CHERTY LIME		
414-426	SHALE	886-908	GRAY LIME		
426-428	LIME	908	TD		

**Geological Report**

**Compton South #2A**

**SW-NE-NW-SE, Sec. 5; T34S; R19E**

**2080'FSL & 1940'FEL**

**Labette County, KS**

**API# 15-099-24726-00-00**

**Operator:** Fastrak Energy, LLC, Kris Kowalsky, 543A 22000 Rd., Cherryvale, KS 67335

**Drilling Contractor:** Thornton Air Rotary, LLC, Billy Thornton, Driller, Shramm air rotary rig

**Wellsite Geologist:** Mark Brecheisen - on location from 240' to T. D.

**Date Drilled:** June 1, 2023

**Size of Hole:** 6 3/4"

**Total Depth:** 908'

**Elevation:** 912' (estimated)

**Drilling Fluid:** Compressed air with injected water

**Surface Casing:** 20' of 8 5/8" casing cemented with 6 sacks of cement to surface

**Formation Tops:** Formation tops correlated to electric log

**Electric Logs Run:** Litho Density Neutron Log, Dual Induction LL3/GR Log

**Status:** Oil Well

**Gas Shows:** No significant gas shows present while drilling.

**Oil Shows:** Cattleman Sandstone 511-513' See Report

Mississippian 814-816' See Report

Mississippian 858-860'(est.) See Report

**Water Encountered:** Summit & Mulky - initiated water injection at 385'

**On Location:** June 1, 2023, 7:45 A.M. Drilling Depth of 240', left@ TD 908'.

**Notes:** Well cuttings were examined at rig and discarded. Samples of zones of interest were saved and examined with binocular microscope and UV light.



0-249' Samples not examined.

**Top of Oswego Limestone at 250' (+662')**

- 250-275' Limestone, olive gray, fine grained, fairly hard, slight petroliferous odor at 259', no oil show observed
- 275-282' Summit shale, dark gray to black, blocky, fissile, slightly carbonaceous
- 282-300' Limestone, olive gray to dark brown, fine grained, traces of intergranular porosity present, trace dark gray shale present no petroliferous odor or show
- 300-304' Mulky shale/coal, grayish black to black, carbonaceous in part, no coal observed in sample
- 304-309' Limestone, olive gray to dark brown, fine grained, slightly sucrosic, fair friability
- 309-316' Squirrel sandstone, light gray, very fine grained, argillaceous, no petroliferous odor or show
- 316-326' Shale, light to medium gray, silty/sandy in part
- 326-385' Shale, medium to dark gray, traces of interbedded limestone present

***Water injections started at 385'.***

- 332' **Gas Test** - Summit/Mulky: no measurable gas flow detected
- 385-391' Shale, dark gray to grayish black, trace dark brown limestone present
- 391-393' Bevier Coal, no sample collected
- 393-426' Shale, dark gray, dark brown limestone partings present

**Top of Verdigris (Ardmore) Limestone at 426' (+486')**

- 426-428' Limestone, olive gray, mottled, fine grained, hard, no visible porosity observed
- 428-431' Shale, dark gray, fissile
- 431-437' Croweburg shale and coal, grayish black to black, 15-20% flat cleat faces present, traces disseminated pyrite present; shale, non-carbonaceous
- 437-447' Shale, dark gray to grayish black, pyritic in part, trace dark brown limestone present
- 447-449' Fleming coal, black, carbonaceous, metallic to vitreous luster, banded, 10-15% flat cleat faces
- 449-470' Shale, light to medium dark gray, traces interbedded sandstone and limestone present, no petroliferous odor or show
- 457' **Gas Test** - Croweburg/Fleming: no measurable gas flow detected
- 470-473' Mineral coal, black, carbonaceous, metallic luster, blocky, 20-30% flat cleat faces, traces disseminated pyrite visible on few sample surfaces



- 473-511' Shale, medium dark to dark gray, occasional limestone/sandstone partings present, no petroliferous odor or show
- 511-513' Lower Cattleman sandstone, dark gray to grayish black, very fine grained, fair sorting with sub-angular to sub-rounded grains, few thin shale laminations present in some samples, micaceous, dark gray to grayish black shale present, friability overall very good, abundant vugular porosity observed on many sample surfaces, mottled to even dark brown to grayish black oil staining on most sample surfaces, saturation overall good, sample exhibited a fair petroliferous odor, pinpoint to mottled free oil show to sample surfaces, slight free oil show to pit, 90-95% even dull yellow hydrocarbon fluorescence, slow streaming to even good milky blue cut, fair residual oil show to tray after cut
- 513-515' Sandstone, medium dark to dark gray, very fine grained, fair sorting with sub-angular to sub-rounded grains, micaceous, laminated in part, medium dark to dark gray sandy shale present, friability overall good with abundant vugular porosity on many sample surfaces, mottled to even dark brown to grayish black oil staining on some sample surfaces, saturation overall fair, sample exhibited a slight petroliferous odor, pinpoint free oil show to some sample surfaces, no free oil show to pit, 15-20% mostly even dull yellow hydrocarbon fluorescence, slow even fair milky blue cut, very faint residual oil show to tray after cut
- 515-553' Shale, medium to medium dark gray, silty/sandy in part, occasional limestone present
- 553-563' Shale, dark gray, trace olive gray limestone present
- 563-573' Pittsburg Weir shale, dark gray to grayish black, fissile, slightly carbonaceous
- 573-608' Shale, dark gray, silty/sandy in part
- 608-610' Bluejacket coal, no sample collected
- 610-668' Shale, medium to medium dark gray, silty to sandy in part, occasional interbedded dark brown limestone present
- 668-683' Sandstone, medium gray to medium brown, laminated in part, no petroliferous odor or show, noticeable increase in formation water occurred after drilling through this sand body
- 683-686' Shale, grayish black, fissile
- 686-697' Sandstone, light gray, occasional shale partings present, no petroliferous odor or show
- 697-758' Shale, dark gray to grayish black, silty to sandy in part with occasional sand laminations present
- 758-760' Rowe coal, black, carbonaceous, metallic luster, 20-25% flat cleat faces
- 760-765' Shale, dark gray
- 765-766' Neutral coal, no sample collected



- 766-800' Shale, dark gray to grayish black, soft, greasy, occasional dark brown limestone partings present
- 800-802' Riverton coal, black, dull luster, abundant disseminated pyrite present on sample surfaces
- 802-814' Shale, dark gray to grayish black, trace coal present
- 807' **Gas Test - Riverton Coal: no measurable gas detected**

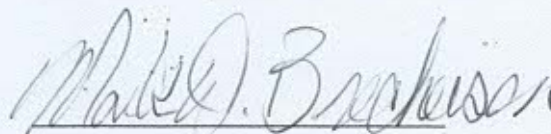
**Top of Mississippian at 814' (+98')**

- 814-824' Limestone, light gray to olive gray, traces dolomitic limestone and chert present, mottled in part, very fine grained, abundant disseminated and nodular pyrite present on many sample surfaces, medium to grayish black shale present, limestone friability overall fair with abundant vugular porosity exhibited on limestone surfaces that contain oil, pinpoint to mottled medium dark to dark brown oil staining on some sample surfaces, saturation overall poor, sample exhibited a slight petroliferous odor, pinpoint to slightly mottled free oil show to some sample surfaces, very slight free oil show to pit, 40-45% mottled to even variegated yellow hydrocarbon fluorescence, slow even fair milky blue cut, very faint residual oil show to tray after cut
- 824-832' Samples examined and discarded at wellsite, no oil show detected in this interval
- 832-847' Limestone, light to olive gray, mottled, fine grained, traces dark gray shale present in sample, bitumen present on few sample surfaces, friability overall poor, with trace vugular porosity on few sample surfaces, pinpoint to slightly mottled dark brown oil staining on few sample surfaces, saturation overall poor, sample had very slight petroliferous odor, pinpoint free oil show to few sample surfaces, no oil show to pit, 85% mottled to even variegated yellow hydrocarbon fluorescence, very slow streaming poor milky blue cut, vary faint residual oil show to tray after cut
- 847-848' Limestone, very light gray, mottled in part, fine grained, trace dolomitic, trace grayish black shale present, friability overall poor to fair with traces vugular porosity on few sample surfaces, traces of pinpoint to mottled dark brown oil staining on few sample surfaces, saturation overall very poor, sample exhibited no petroliferous odor, trace pinpoint free oil show to few sample surfaces, no free oil show to pit, 3-5% mottled medium bright yellow hydrocarbon fluorescence, slow mostly even fair milky blue cut, faint residual oil show to tray after cut
- 848-849' Limestone, very light gray, fine grained, trace grayish black shale present, friability overall poor with trace vugular porosity on few sample surfaces, trace bitumen on few sample surfaces, no oil staining present, no petroliferous odor or show, less than 3% mottled medium yellow hydrocarbon fluorescence, slow even very poor milky blue cut, no residual oil show to tray after cut
- 849-850' Limestone, very light gray to light brownish gray, mottled in part, fine grained, hard, dense, no visible porosity, no petroliferous odor or show
- 850-852' Limestone, very light gray to light brownish gray, mottled in part, fine grained, hard, no visible porosity, traces black shale present; traces of bitumen present on some sample surfaces, no petroliferous odor or show, 3-5% mottled variegated blue to



yellow hydrocarbon fluorescence, streaming slow poor milky blue cut, very faint residual oil show to tray after cut

- 852-854' Limestone, very light gray to light brownish gray, mottled in part, fine grained, hard, no visible porosity, traces grayish black to black shale present, traces of bitumen present on few sample surfaces, no petroliferous odor or show, less than 3% pinpoint to slightly mottled medium yellow hydrocarbon fluorescence, no visible oil cut observed
- 854-857' Limestone, very light gray to light brownish gray, mottled in part, fine grained, hard, dense, no visible porosity, traces of dark brown dolomite present, traces of dark gray to grayish black shale present, friability overall poor, no visible secondary porosity present, no oil staining present, no petroliferous odor or show, trace pinpoint variegated yellow mineral fluorescence, no visible oil cut observed
- 857-861' Samples not acquired. See Note below for explanation.
- 861-865' Limestone (40%), light gray to light brownish gray, mottled in part, siliceous in part, fine grained; dolomite (30%), light bluish gray to olive gray, mottled in part, fine grained; chert (20%), light bluish gray to light gray; shale (10%), grayish black. Overall sample hard with few dolomitic samples containing traces of vugular porosity, disseminated pyrite appears in limestone and shale samples only, traces of crystalline calcite present in sample, traces dark brown free oil adhered to select few rock samples with no real oil saturation present within individual rock samples, no petroliferous odor or show, trace bright bluish yellow mineral fluorescence, no hydrocarbon cut detected
- 865-882' Limestone, very light gray to olive gray, mottled in part, fine grained, dolomitic in part, friability poor with no vugular porosity present on sample surfaces, no oil staining present, no fluorescence, no petroliferous odor or show
- 882-908' Limestone, very light gray to brownish gray, fine grained, hard, dense, no visible porosity present, no fluorescence, no petroliferous odor or show
- TD 908'



Mark D. Brecheisen

Petroleum Geologist

Note:

Due to unforeseen circumstances (awning incident), sample footages representing the best oil show to the pit were not collected. Samples above and below this zone, however, were collected and examined for oil content. Upon completion of these sample examinations, it was evident that these samples had virtually no oil content. Therefore, it became apparent that the oil must lie between 857-861'. This is the interval in which the samples were lost. After examination of the open hole logs there was a strong indication the oil show comes from the footage interval of 858-860'.

**Recommendation:**

The Cattleman sandstone is interesting but too thin to be economically viable. In addition, the oil at the top of the Mississippian does not have enough oil content to be effectively produced. As previously mentioned the oil show just below the second break in the Mississippian possessed indication of good oil content. Although we do not have physical rock samples to examine, this section had the best oil show to the pit of the entire well. I would recommend perforation of this zone first as a single production zone for this well. Discussion of completion can take place at a later date.

APR 15 1971 11:17 AM

Location: ...  
Drilling Contractor: ...  
Well Name: ...  
Date Drilled: ...  
Size of Hole: ...  
Total Depth: ...  
Lithology: ...  
Drilling Fluid: ...  
Surface Control: ...  
Formation Top: ...  
Electric Log Run: ...  
Notes: ...  
Oil Shows: ...  
Gas Shows: ...  
Core Location: ...  
Geological: ...  
Notes: ...