KOLAR Document ID: 1475393

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 # 3553
Name: Citation Oil & Gas Corp.
Address 1: 14077 CUTTEN RD
Address 2: PO BOX 690688
City: HOUSTON State: TX Zip: 77269 + 0688
Contact Person: Neil Pfannenstiel
Phone: (281) 891-1000
CONTRACTOR: License # 3553
Name: Citation Oil & Gas Corp.
Wellsite Geologist: Scott Beaty
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: Arco Oil and Gas
Well Name: Slimmer 1X Twin
Original Comp. Date: 12/19/1981 Original Total Depth: 3450
☐ 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 #:

10/9/2019 — Spud Date or Recompletion Date
— Date Reached TD
10/12/2019 — Completion Date or Recompletion Date

API No.: 15-051-22735-00-01
Spot Description:
NE - NW - NW - SW Sec. 19 Twp. 11 S. R. 16 ☐ East ☑ West
2455 Feet from ☐ North / ☑ South Line of Section
386 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Ellis
Lease Name: SLIMMER Well #: 1-X
Field Name:
Producing Formation: Lansing Kansas City
Elevation: Ground: 1885 Kelly Bushing: 1888
Total Vertical Depth: 3450 Plug Back Total Depth: 3383
Amount of Surface Pipe Set and Cemented at: 1068 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:** Karen Ritter **Date:** 10/18/2019

Operator Name: Citation Oil & Gas Corp. Lease Name: SLIMMER Well #: 1-X

Sec. 19 Twp. 11 S. R. 16 ☐ East ☑ West County: Ellis

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 *(Attach Additional Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☐ Yes	☑ No
Geologist Report / Mud Logs	☐ Yes	☑ No

List All E. Logs Run:

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

Name	Top	Datum
Lansing-KC	3073	-1182
Lansing-KC Base	3299	-1408
Arbuckle	3368	-1477

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	12.25	9.625	36	1068	Class H	475	3% Cacl
Production	8.75	7	23	3447	50-50 POZ	250	10% Salt

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	-			
	-			

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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	4		85		

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
Attached	Attached	Attached	Attached	Attached	Attached

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Citation Oil & Gas Corp.
Well Name	SLIMMER 1-X
Doc ID	1475393

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSetAt	Material Record
4	3239	3243			Acidize LKC I w/15% HCL w/2x NE/FE , W 2% MS1 .
4	3221	3225			Acidize LKC H with 600 gal
4	3173	3180			Acidize w 1300 gal of same acid
4	3163	3169			Acidize with Zone above totaled 1300 combined
4	3127	3131			Acidize with 400 gal same acid
			CIBP Cast Iron Bridge Plug	3350	set with 2 sks above

Form	ACO1 - Well Completion
Operator	Citation Oil & Gas Corp.
Well Name	SLIMMER 1-X
Doc ID	1475393

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	9.625	36	1068	Class H	475	3% Cacl
Production	8.75	7	23	3447	50-50 POZ	250	10% Salt

Citation Oil & Gas Corp.

CTR
BEMIS-SHUTTS NOBLE

SLIMMER 1X Twin LKC
BEMIS-SHUTTS NOBLE
ELLIS COUNTY, KS

Evaluate LKC potential

CapBudget#:	7444	AFE#:	190767
AFE Cost:	$33,000	CC(AFE):	$27,513
COG WI:	100.00 %	PTD:	
STATUS:	Active		

Prior Production:	**0**	**BOPD**	**MCFPD**	**0**	**BWPD**
Proj. Production:	**10**	**BOPD**	**MCFPD**	**230**	**BWPD**
Prior Lease:		**BOPD**	**MCFPD**		**BWPD**
Prior IPress:					

10/9/2019 Day: 1 / 3 ***Present Operation:*** Acidizing new perfs & checking overnight fill up
10/10/2019

10/9: STGM. MIRU EWS. Move in wrk string f/ Baumer B#67 & had it tested, found 1 bad thread. Had to cut 7" csg collar off of csg & put a new collar on for workover head to go on. RIH w/ 6-¾" bit & 7" csg scraper to PBTD 3383'. POOH w/ csg scraper & bit. RU wireline srvs & RD & tag TD @ 3383'. Pull up to the LKC I 3239-3243' & shot 4 SPF. POOH w/ wireline. RIH & shot LKC H 3221-3225' 4 SPF. POOH w/ wireline. RIH and shot the LKC G 3173-3180' 4 SPF. POOH & RIH & shot the LKC D 3163-3169'. POOH. RIH & shot the LKC D 3127-3131' 4 SPF. POOH. RD wireline & RIH w/ RBP & pkr & set over the LKC I. Get ready to acidize it first thing in the morning. SDFN.
Rig cost- $2300
Welder- $250
Trucking- $800
Pipe tester- $800
Tools cost- $3600
Wireline cost- $5200
DC: $13,598

10/10: STGM. RU Kansas Acid to treat the LKC I w/ 400 gals 15% HCL w/ 2x NE/FE, w/ 2% MS1. Start to treat it communicated to the LKC H w/ 10 bbls in. Move pkr up above the LKC H & treat it w/ 600 gals of same acid. Treated @ a rate of 7.3 BPM @ 1000#. ISIP was 25 psi, 30 seconds to vac. Moved RBP & pkr up the hole & straddle the LKC G & lower D. Treated it w/ 1300 gals of same acid. Took 500# to break & then it treated 8 BPM @ 1000#. ISIP was a vac. Moved tools up to the upper LKC D & treated it w/ 400 gals of same acid. Took 600# to break & it treated 7.5 BPM @ 1000#. ISIP was 50 psi, 1 min to a vac. Moved plug dn to 3246' & set it above the Arbuckle & pulled 1 jt & let the pkr swing. Let set for 1 hr. The ttl load of all the treatments is 141 bbls. RIH w/ swab & tag fl @ 350' FS. Swab back the first hr 55 bbls all wtr. Lower the fl leave to 1450' FS. 2nd hr we swab back 45 bbls all wtr w/ FL dn to 1850' FS. 3rd hr we swab back another 40 bbls all wtr. The fourth pull of the 3rd hr we reach the SN. At the end of the 3rd hr we where pulling 800' a pull. Had a 50% oil cut on the last pull of that hr. The 4th hr we swab back 20 bbls w/ a 50% oil cut average that hr. Pulling about 500' a pull. Last hr we swab back another 12 bbls w/ a 50% oil cut average, pulling 280' a pull. SDFN.
Rig cost- $2700
Tools cost- $850
Acid cost- $7300
Wtr trucks- $1800
DC: $13,915

Well Test Data DC: $27,513 CC: $27,513 CC(AFE): $27,513 TD: 0 PBTD: 0

Run Time:	Oil:	Water:	Gas:	TP:	CP:	FAP:	LWTR:	InjWtr:

Citation Oil & Gas Corp.

SLIMMER 1X Twin LKC
BEMIS-SHUTTS NOBLE
ELLIS COUNTY, KS

Evaluate LKC potential

CapBudget#: 7444
AFE Cost: $33,000
COG WI: 100.00 %
STATUS: Active

AFE#: 190767
CC(AFE): $27,513
PTD:

Prior Production:	**0**	**BOPD**	**MCFPD**	**0**	**BWPD**		
Proj. Production:	**10**	**BOPD**	**MCFPD**	**230**	**BWPD**		
Prior Lease:		**BOPD**	**MCFPD**		**BWPD**		
Prior IPress:							

10/11/2019 Day: 4 /

Present Operation: Running prod string in

STGM. RIH w/ swab tag fl @ 2400' FS pulled 900' had 400' of oil on top & 500' of wtr on bottom. Swab 1st hr 20 bbls back w/ last three pulls had no oil cut. 2nd hr swab back 20 bbls only had a scum of oil for a show. 3rd hr swab 6 bbls had a 12% oil cut. 4th hr swab back another 6 bbls w/ 12% oil cut. 5th hr swab back another 6 bbls w/ 12% oil cut. 6th hr we swab back 6 bbls w/ 12% oil cut. 7th hr we swab another 6 bbls w/ a 12% oil cut. Swab back a ttl of 70 bbls had 10 bbls of oil in the wtr truck. Put the oil in the Slimmer over flow tank @ the tank batt. POOH w/ RBP & pkr. RIH w/ cast iron bridge plug & set it @ 3350' w/ 2 sxs of cmt on top. SDFN.
Rig cost- $2600
Wtr truck- $800
Tools- $750
Wireline cost- $2700

Well Test Data DC: $7,535 CC: $35,048 CC(AFE): $35,048 TD: 0 PBTD: 0

Run Time:	Oil:	Water:	Gas:	TP:	CP:	FAP:	LWTR:	InjWtr:

10/12/2019 Day: 5 /

Present Operation: Wtg to set pmpg unit

RIH w/ prod string, 2 7/8 x 6' MA, 2 7/8" x 7'x 2.75' TAC, 101 jts x 2 7/8". Set TAC 12,000# OSW. RU to run rods. RIH w/ 2½" x 2" x 12' pmp, 2' x 7/8" RS, 10- 7/8", 86 - ¾", 34- 7/8", 1-4' & 1-8' x 7/8" RS. Load tbg w/ treated wtr & long stroke well had a good blow. RD EWS. Planning to set pmpg unit next week Tuesday.
Rig cost- $1800
Pmp, TAC, MA, & MISC. cost- $4550

Well Test Data DC: $6,985 CC: $42,033 CC(AFE): $42,033 TD: 0 PBTD: 0

Run Time:	Oil:	Water:	Gas:	TP:	CP:	FAP:	LWTR:	InjWtr: