KOLAR Document ID: 1466281

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 # 8653
Name: Petroleum Technologies, Inc.
Address 1: 801 W 47TH ST STE 412
Address 2:
City: KANSAS CITY State: MO Zip: 64112 + 1253
Contact Person: Alan Seaton
Phone: (816) 531-6904
CONTRACTOR: License # 8509
Name: Evans Energy Development, Inc.
Wellsite Geologist: None
Purchaser: None

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 #:

07/03/2019	07/08/2019	07/17/2019
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-091-24505-00-00
Spot Description:
NE - SW - SE - SE Sec. 30 Twp. 14 S. R. 22 ☑ East ☐ West
413 Feet from ☐ North / ☑ South Line of Section
800 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: Johnson
Lease Name: KNABE A Well #: 6i
Field Name: Longanecker SE
Producing Formation: Bartlesville Sand
Elevation: Ground: 1024 Kelly Bushing: 1024
Total Vertical Depth: 960 Plug Back Total Depth: 939
Amount of Surface Pipe Set and Cemented at: 22 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 939
feet depth to: 0 w/ 135 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 0 ppm Fluid volume: 60 bbls
Dewatering method used: Evaporated
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:** 11/20/2019

Operator Name: Petroleum Technologies, Inc. Lease Name: KNABE A Well #: 6i

Sec. 30 Twp. 14 S. R. 22 ☑ East ☐ West County: Johnson

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:

Gamma Ray
Neutron
CCL

☑ Log ☐ Sample

Formation (Top), Depth and Datum

Name	Top	Datum
Bartlesville Sand	857	167

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	9.875	7.0	17	22	Common	5	None
Production	5.625	2.875	6.5	939	50/50 Pozmix	135	2% gel, 1/4# Floseal

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: 11/18/2019	Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☑ Other *(Explain)* injection well					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:	
		Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	860	867

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)*
4	860	867			Acid: 150 gal 15% Ne HCl

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	Petroleum Technologies, Inc.
Well Name	KNABE A 6i
Doc ID	1466281

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	9.875	7.0	17	22	Common	5	None
Production	5.625	2.875	6.5	939	50/50 Pozmix	135	2% gel, 1/4# Floseal

INV 901070

100724
40923

QES

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

TICKET NUMBER 55598
LOCATION Ottawa, KS
FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7/8/19	6370	Kwabe A # 6-I	SE 30	14	22	JO

CUSTOMER: Petroleum Technologies
MAILING ADDRESS: 801 W. 47th St. Ste 412
CITY: Kansas City | STATE: MO | ZIP CODE: 64112

TRUCK #	DRIVER	TRUCK #	DRIVER
729	Casey Ken	✓	Safety Meeting
495	Hgr Bec	✓	
775	Alafad	✓	
1675	Keidet	✓	

JOB TYPE longstring | HOLE SIZE 5 5/8" | HOLE DEPTH 960' | CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 939' | DRILL PIPE | ~~TUBING~~ baffle - 904' | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 35'
DISPLACEMENT 5.23 bbls | DISPLACEMENT PSI | MIX PSI | RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200# Bentonite followed by 5 bbls fresh water, mixed & pumped 135 sks Pozblend 1A cement w/ 2% Bentonite & 1/4 # Flolseal per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to baffle w/ 5.23 bbls fresh water, pressured to 800 PSI, well held pressure for 30 min MIT, released pressure to set float valve.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	
CE0002	30 mi	MILEAGE	214.50	
CE0711	min	ton mileage	160.00	
WE0853	2 hrs	80 Vac	200.00	
		trucks	2574.50	
		-40%	1029.80	
		subtotal		1544.70
SISCO CC5840	135 sks	Pozblend 1A cement	1822.50	
CC5965	427 #	Bentonite	128.10	
CC6075	34 #	Flolseal	68.00	
CP8176	1	2 1/2" rubber plug	45.00	
		materials	2063.60	
		-40%	825.44	
		subtotal		1238.16
				2782.86
		7.975%	SALES TAX	98.74
			ESTIMATED TOTAL	2881.60

Ravin 3737

AUTHORIZTION _____ TITLE _____ DATE _____ (4802.67)

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.

EVANS ENERGY DEVELOPMENT
24 S. Gold Paola, KS 66071

Allen's Holdings & Investments
Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083
Fax: 913-557-9084

WELL LOG
Petroleum Technologies, Inc.
Knabe A - #6i
API #15-091-24505-00-00
July 3, 2019-July 8, 2019

Thickness of Strata	Formation	Total	
11	soil & clay	11	
35	shale	46	
5	lime	51	
2	shale	53	
15	lime	68	
8	shale	76	
8	lime	84	
8	shale	92	
19	lime	111	
21	shale	132	
1	lime	133	
7	shale	140	
23	lime	163	
8	shale	171	
12	lime	183	
12	shale	195	
28	lime	223	
6	shale	239	
9	lime	248	
17	shale	265	
8	lime	273	
5	shale	278	
6	lime	284	
44	shale	328	
29	lime	357	
8	shale	365	
21	lime	386	
4	shale	390	
7	lime	397	
3	shale	400	
5	lime	405	BKC
62	shale	567	
13	lime	580	
16	shale	596	
5	lime	601	
3	broken sand	604	Limy brown sand, light odor
12	shale	616	
4	lime	620	

12	shale	632	
4	lime	636	
23	shale	659	
2	lime	661	
8	shale	669	
3	lime	672	
41	shale	713	
2	lime	715	
20	shale	735	
2	oil sand	737	Brown sand, light bleed
4	broken sand	741	Brown sand & shale, light bleed
2	silty shale	743	
22	shale	765	
1	lime	766	
28	shale	794	
3	sand	797	
4	oil sand	801	
54	shale	855	
5	limy sand	860	
2	broken sand	862	
1	oil sand	863	
1	oil sand	864	
3	oil sand	867	
2	broken sand	869	
91	shale	960	

Drilled a 9 7/8" hole to 21.8'
Drilled a 5 5/8" hole to 960'

Set 21.8' of new 7" casing threaded and coupled, cemented with 5 sacks cement.

Set 939' of new 2 7/8" 8 round upset tubing with a baffle set at 905' ran 3 centralizers, 1 float shoe, 1 clamp.

Well had M.I.T. done by consolidated.