

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1363145
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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 SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- 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 ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1363145

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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Leis Oil Services, LLC
 1410 150th Rd
 Yates Center, KS 66783

Invoice

Date	Invoice #
4/2/2017	1154

Bill To
Petroluem Resources Management Co. 733 Highgrove Park Houston, TX 77057

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
2.25	2-24-17-- Pulling Unit-- #66 broken threads 37th joint. 1 New joint.	65.00	146.25
3.25	3-1-17-- Pulling Unit-- #5 hole in 17th joint, bad threads on 39th, new pump. 2 new joints and pump. #67, rigged up, stroked, fluid was right there, put on jack, wouldn't pump on jack, left rigged up for next morning.	65.00	211.25
7.75	3-2-17-- Pulling Unit-- #67, pump was stuck, couldn't get to come out of sand on bottom, laid unit over and double lined, broke threads at 12th joint trying to get unseated. Pulled out, went in with tapered tap, screwed in and laid over, double lined again, worked it out of sand, laid over and took double line off, pulled out, replacing 2 joints and pump. #5, stroked couldn't get it to pump, hit fluid at 13, tested below and 5 joints above, went to pump and switched out.	65.00	503.75
3	3-8-17-- Pulling Unit-- #21, cracked thread 35th joint, 1 joint really rotten, had to go to Piqua to get pump, replaced pump and 2 joints.	65.00	195.00
1	Drill pit for HMD W 12-17	150.00	150.00
12	Cement for surface	12.00	144.00
1,442	Drilling for HMD W 12-17	5.25	7,570.50
1	Bit charge for Mississippi drilling	800.00	800.00
2	Backhoe time to pull Cornish in and out to open hole log	45.00	90.00
3	Rig time to run pipe in and wash through a couple of bridges get to bottom to plug well, 50' plug in Mississippi, gel spacer, 50' plug in Squirrel, gel spacer, 50' plug in Kansas City, gel spacer, 300' to surface. Dug down along surface and cut pipe off 4' below ground level to not interfere with future farming.	150.00	450.00
2.5	3-15-16-- Pulling Unit-- #6 bad threads bottom 4 joints, fluid leaking past pump. 4 new joints and new pump.	65.00	162.50
5.75	3-21-17-- Pulling Unit-- #24 hole in 36th joint, many other bad threads, 8 new joints and pump swap. #15 hole in 26th joint, 1 new joint. #42 laid out on barrels for upper perf/frac. #21 laid out on barrels for upper perf/frac.	65.00	373.75
5.5	3-27-17-- Pulling Unit-- #6 pulled to really, really thick golden fluid/mud in pipe with 16 joints. Decided to wash, had to use pump to push mud out of pipe before running them in. Ran pipe in, washed down the last 14 to brake up mud in well, washed down to bottom, used soap to help clean pipe, spotted 12.5 gallons of acid to try opening well up, left acid to work.	65.00	357.50
1	3-27-17-- Wash Pump-- wash job for mud on #6.	250.00	250.00
1	3-27-17-- Vac Truck-- vac truck for water for wash job.	75.00	75.00
		Total	

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 1410 150th Rd
 Yates Center, KS 66783

Invoice

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4/2/2017	1154

Bill To
Petroleum Resources Management Co. 733 Highgrove Park Houston, TX 77057

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
8.75	3-28-17-- Pulling unit-- Washed #6 out again after acid had chance to work on pipe. Pulled pipe and ran in new pump and 4 new joints. Moved to #21, ran in pipe open, washed, retrieved standing valve, ran back in, washed 30' of sand out of lower, pulled out, ran in 43 joints, new pump, cut and threaded new top piece, moved to #42 and set up.	65.00	568.75
1	3-28-17-- Wash pump-- wash pump for #21.	250.00	250.00
1	3-28-17-- Vac Truck-- vac truck for #21.	75.00	75.00
7.5	3-30-17-- Pulling unit-- #42, ran pipe in open, washed upper, tried retrieving standing valve, threads got messed up, ran back in with tapered tap, washed a little to make sure we were still clean, screwed in with tap, retrieved standing valve, ran in to lower, washed out 25' of sand out of lower, pulled out, ran in pipe, pump with 3 new joints.	65.00	487.50
1	3-30-17-- Wash Pump-- wash pump for #42 wash job.	250.00	250.00
1	3-30-17-- Vac Truck-- vac truck for #42 wash job.	75.00	75.00
5.25	3-31-17-- Pulling Unit-- #8 pulled pipe, ran back in open, washed only about 2' of sand out of bottom. Pulled out, ran back in with new pump, cut and threaded new top joint.	65.00	341.25
1	3-31-17-- Wash Pump-- wash pump for #8 wash job.	250.00	250.00
1	3-31-17-- Vac Truck-- vac truck for #8 wash job.	75.00	75.00
1	3-31-17-- Paint- paint and diesel fuel mixed to paint all pipe after wash jobs for the week.	10.00	10.00
		Total	\$13,862.00

Operator License #: 35106	API #: 15-207-29413-00-00
Operator: Petroleum Resource Management Co.	Lease: Hammond W
Address: 675 Bering Dr. Ste 675 Houston TX 77057	Well #: 12-17
Phone: (713) 789-9300	Spud Date: 3-3-17 Completed: 3-9-17
Contractor License: 34036	Location: SE-NE-SW-NW of 8-24-16E
T.D. : 1442 T.D. of Pipe: NA Size: NA	1815 Feet From North
Surface Pipe Size: 7" Depth: 42'	1155 Feet From West
Kind of Well: Dry Hole	County: Woodson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
14	Soil/Clay	0	14	3	Black Shale	961	964
3	Broken Lime	14	17	13	Shale	964	977
6	Shale	17	23	8	Lime	977	985
5	Lime	23	28	11	Shale	985	996
182	Shale	28	210	4	Lime	996	1000
53	Lime	210	263	4	Shale	1000	1004
4	Shale	263	267	2	Black Shale	1004	1006
129	Lime	267	396	3	Shale	1006	1009
16	Shale	396	412	14	Sandy Shale	1009	1023
62	Lime- Soft	412	474	4	Broken Oil Sand	1023	1027
14	Lime	474	488	38	Shale	1027	1065
16	Shale	488	504	2	Lime	1065	1067
7	Lime	504	511	5	Broken Oil Sand	1067	1072
37	Shale	511	548	319	Shale	1072	1391
70	Lime	548	618	24	Hard Lime	1391	1415
6	Shale/Black Shale	618	624	6	Soft Lime	1415	1421
24	Lime	624	648	21	Hard Lime	1421	1442
4	Shale/Black Shale	648	652		T.D.		1442
10	Lime	652	662				
6	Shale	662	668		50' plug bottom		
11	Lime	668	679		50' plug in SQ		
81	Shale	679	860		50' plug in KC		
9	Lime	860	869		300' to surface		
61	Shale	869	930		with gel spacers		
2	Lime	930	932				
9	Shale	932	941				
5	Lime	941	946				
12	Shale	946	958				
3	Lime	958	961				