

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 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				

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Black Tea Oil, LLC

Lease: DFK #1

Description: New well completion

Sec.2 Twp. 15S Rng. 32W

County: Logan

KB- 9'

T.D.- 4369'

Port collar- 2084' sks-390

5 1/2- 4398' sks- 200

Perfs: Morrow- 4332-40', 4315-26', Johnson- 4264-74', Pawnee- 4140-48', L-3976-82', J- 3913-24', C- 3716-22', 4 spf 39 gram,

Tubing: Mud anchor= 1 full joint- 4225', perf. sub, ceet Nipple, 10 jts, Tubing anchor- 3905', 119 joints on top, total ran 130 including mud anchor.

Pump: 2 1/2 x 2 x 14' RWT

Rods:

6/27/14

MIRU Express well service, MIRU Dans Packer and RIh with shifting tool, located port collar @ 2084', MIRU Allied cementing, cemented port collar with 390 sks, ran 7 joints and washed clean, pulled tubing, shut down at 8:00 pm.

6/30/14

Rigged up casing swab and swabbed well dry to 4369', MIRU K&L Tank Service and dropped 35 bbl sw to perforate in, MIRU Pioneer wireline and perforated the Morrow- 4332-40', 4315-26', Johnson- 4264-74', Pawnee- 4140-48', L- 3976-82', J- 3913-24', C- 3716-22', 4 spf 39 gram, lost last set of guns in hole(pulled out of rope socket), called for fishing tools, couldnt get tools til 9:00 pm, shut down.

7/1/14

RIH with overshot and got a hold of guns and came out of the hole, MIRU Dans Packer and RIH with Plug and packer and isolated the morrow- 4332-40', 4315-26', MIRU Kansas Acid and treated with 3000 gal 15% INS, broke at 1400#, feeding .3 bbl min at 800#, slowly inc. rate to 4.5 bbl min at 1200#, ISIP- 700#, total load- 97 bbl, flowed back 35 bbl, moved tools up and treated the Johnson- 4264-74', with 1500 gal 15% INS, broke at 1400#, feeding .3 bbl min- 750#, inc. rate slowly to 4 bbl min- 1400#, ISIP- 700#, total load- 76 bbl, flowed back 10 bbl, isolated both the morrow and johnson and swab tested. Swab down- 33.81 bbl, 1st hour- 15 bbl- 25% oil, released tools and came out of the hole, RBIH with Big Bore Model R, MIRU Kansas Acid and spotted 1500 gal diesel, shut down.

7/2/14

MIRU Gore Nitrogen, did a 43000 # Nitrogen sand Frac, Avg. rate- 12 bbl min, Avg. press.- 2971', Max press.- 3218#, ISIP- 2308#, 15 min down to 1906#, total load- 452 bbl, Shut well in overnight.

7/3/14

Checked overnight shut in pressure- 1700#, started flow back at 50% choke:

1st hour- 31.73 bbl- 15% oil- Flowing

2nd hour-8.35 bbl-40% oil- Flowing

3rd hour- 3.34 bbl- 39% oil- Flowing

4th hour- 21.73 bbl- 40% oil- swabbing FL- 2500' down

5th hour- 16 bbl- 42% oil- swabbing FL- 2500' down

6th hour- 8 bbl- 62% oil- swabbing(cups had hole in them) FL- 2500' down

7th hour- 35.25 bbl- 50% oil- swabbing FL-2500' down

8th hour- 31.75 bbl- 60% oil- swabbing FL 2500' down

Shut down at 6:30 PM

7/7/14

Checked overweekend tubing pressure- 700#, released packer and came out of the hole, RIH with plug and packer and isolated the pawnee, MIRU Kansas Acid and and treated with 1500 gal 15% INS 2.5 bbl min- 700#, ISIP-400#, total load- 60 bbl, flowed back 20 bbl, swab down 11.69 bbl, 25% oil, testing 140'- 25% oil each pull, moved tools up and isolated the L, MIRU Kansas Acid and treated with 1500 gal 15% INS, feeding at 500#- .3 bbl min, inc. rate to 1 bbl min- 500#, ISIP- 300#, Total load- 59 bbl, swab down- 26 bbl, no show, RBIH and rec. 50' scum of oil. shut down.

7/8/14

Checked pressure on tubing- 120#, FL- 2400' from surface with 120' oil, swab down- 9.18 bbl, 1st hour- .75 bbl scum of oil, released packer and swabbed steady and rec. 33.75 bbl with a show of oil, moved tools up and isolated the J-zone MIRU Kansas Acid and treated with 1500 gal 15% INS, feeding at 1 bbl min- 400#, left rate at 1 bbl min pressure slowly inc. to 800#, ISIP- 600#, swabbed for 1 hour and rec. 41.75 bbl @ 90% oil, light gassy oil, 2nd hour- 24 bbl - 94% oil, FL- 2700' from surface, moved tools up and isolated the C zone, MIRU Kansas

Acid and treated with 1500 gal 15% INS, broke at 800#-.5 bbl min, inc. rate to 1 bbl min- 700#, press broke back to 650#, inc rate to 1.5 bbl min- 700#, ISIP- 400# total load- 60 bbl, flowed back 11 bbl swab down- 22 bbl, last pull rec. 50' no show of oil, shut down.

7/9/14

Checked tubing pressure- 50#, FL- 1800' down, show of oil, swabbed dry, released tools and came out of hole, MIRU Dans Packer and RIH with Bulldog bailer and cleaned out to TD- 4369', pulled bailer and tubing, RIH with Mud anchor= 1 full joint, perforated sub, ceetnipple, 10 joints, tubing anchor- 3905', 119 joints on top, shut down.

7/10/14

RIH with swab, FL- 1100' from surface with 2000' of oil, swabbed for 1 hour and rec.- 24 bbl all oil, RIH with 2" pump and rods, long stroked well, had good blow, RDMO.

Summary of Changes

Lease Name and Number: DFK 1 1

API/Permit #: 15-109-21304-00-00

Doc ID: 1248329

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	250	266
Approved Date	08/11/2014	04/27/2015
CasingAdd_Type_PctP DF_1		COMMON
CasingAdd_Type_PctP DF_2		COMMON
CasingPurposeOfString PDF_1	SURFACE	Surface
CasingPurposeOfString PDF_2	PRODUCTION	Production
CasingSettingDepthPD F_1	250	266
CasingSettingDepthPD F_2	4500	419
CasingWeightPDF_1	16	23
CasingWeightPDF_2	20	15.5

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
If Alternate II Completion - Cement Circulated From		2085
If Alternate II Completion - Cement Circulated To		0
If Alternate II Completion - Sacks of Cement		390
Method Of Completion - Commingled	No	Yes
Multiple Stage Cementing Collar Depth	2100	2085
Perf_Depth_1		see attached report
Perf_Material_1		see attached report
Perf_Record_1		see attached report
Producing Formation	KANSAS CITY / JOHNSON	See attached report
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1218084	../../../../kcc/detail/operatorEditDetail.cfm?docID=1248329
TopsDatum1	-1307	-1639
TopsDatum2		-1588
TopsDatum3		-1464

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsDatum4		-1040
TopsDepth1	3983	4315
TopsDepth2		4264
TopsDepth3		4140
TopsDepth4		3716
TopsName1	KANSAS CITY	morrow
TopsName2		johnson
TopsName3		pawnee
TopsName4		kansas city
Total Depth	4500	4419

Summary of Attachments

Lease Name and Number: DFK 1 1

API: 15-109-21304-00-00

Doc ID: 1248329

Correction Number: 1

Attachment Name

