KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1363170

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

| WELL HISTO | RY - DESCRIF | ΣΤΙΟΝ ΟΕ WE | II & I FASF |
|------------|--------------|--------------------|-------------|

| OPERATOR: License # | | | API No. 15 | | |
|--|----------------|----------------------|---|-------------------------------|----------------------|
| Name: | | | Spot Description: | | |
| Address 1: | | | Sec | cTwpS. R | East West |
| Address 2: | | | I | Feet from North / Set | outh Line of Section |
| City: St | tate: Z | ip:+ | | Feet from East / W | lest Line of Section |
| Contact Person: | | | Footages Calculated from | n Nearest Outside Section Cor | rner: |
| Phone: () | | | | IW 🗌 SE 🗌 SW | |
| CONTRACTOR: License # | | | GPS Location: Lat: | , Long: | |
| Name: | | | | (e.g. xx.xxxxx) | (e.gxxx.xxxxx) |
| Wellsite Geologist: | | | Datum: NAD27 | NAD83 WGS84 | |
| Purchaser: | | | County: | | |
| Designate Type of Completion: | | | Lease Name: | Well | l #: |
| | -Entry | Workover | Field Name: | | |
| | _ | | Producing Formation: | | |
| | SWD | SIOW | Elevation: Ground: | Kelly Bushing: | |
| Gas D&A | | | Total Vertical Depth: | Plug Back Total Dep | pth: |
| | GSW | Temp. Abd. | | Set and Cemented at: | |
| CM (Coal Bed Methane) Cathodic Other (Core | e Expl. etc.). | | | g Collar Used? 🗌 Yes 🗌 N | |
| If Workover/Re-entry: Old Well Inf | | | | , | |
| Operator: | | | | , cement circulated from: | |
| Well Name: | | | | w/ | |
| Original Comp. Date: | | | | | |
| 0 | 0 | NHR Conv. to SWD | | | |
| Plug Back | | SW Conv. to Producer | Drilling Fluid Manageme (Data must be collected from | | |
| | | | Oblavida content | Fluid velues | hhla |
| Commingled | Permit #: | | | ppm Fluid volume: _ | |
| Dual Completion | Permit #: | | Dewatering method used | 1: | |
| SWD | Permit #: | | Location of fluid disposal | if hauled offsite: | |
| ENHR | Permit #: | | Operator Name | | |
| GSW | Permit #: | | | License #: | |
| | | | | | |
| | ached TD | Completion Date or | | TwpS. R | |
| Recompletion Date | | Recompletion Date | 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: |

| | Page Iwo | 1363170 |
|--|---------------------------------|---|
| Operator Name: | Lease Name: | Well #: |
| Sec TwpS. R East West | County: | |
| INCTRUCTIONS: Chain important tang of formations paratrated De | tail all aaraa Dapart all final | annian of drill atoms toots siving interval tootad, time tool |

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 She | eets) | Yes No | | 0 | on (Top), Depth a | | Sample |
|--|----------------------|------------------------------------|----------------------|------------------|-------------------|-----------------|-------------------------------|
| Samples Sent to Geolog | jical Survey | Yes No | Name | 9 | | Тор | Datum |
| Cores Taken Electric Log Run | | Yes No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | CASING Report all strings set-c | RECORD New | | on, 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 / SQU | EEZE RECORD | | | |

| Perforate | |
|---------------------------------------|--|
| Protect Casing | |
| Plug Back TD Plug Off Zone | |

| Did you perform a hydraulic fracturing treatment on this well? | Yes |
|---|-----|
| Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? | Yes |
| Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? | Yes |

(If No, skip questions 2 and 3) (If No, skip question 3)

No

🗌 No

No

(If No, fill out Page Three of the ACO-1)

| Shots Per Foot | | PERFORATION Specify Fo | | RD - Bridge Pl Each Interval F | |)e | | | ement Squeeze Record d of Material Used) | Depth |
|--------------------------------------|-----------|---------------------------|---------|-----------------------------------|--------|--------------------|----------|---------------------------|---|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Si | ze: | Set At: | | Packe | r At: | Liner R | un: | No | |
| Date of First, Resumed | l Product | ion, SWD or ENH | ٦. | Producing M | ethod: | ping | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | | Oil Bb | ls. | Gas | Mcf | Wate | ər | Bbls. | Gas-Oil Ratio | Gravity |
| | | | | - | | | | | | |
| DISPOSIT | _ | | | On en 11e1e | | | | | PRODUCTION INT | ERVAL: |
| Vented Sol | d | Used on Lease | | Open Hole | Perf. | Uually (Submit) | | Commingled (Submit ACO-4) | | |
| (If vented, Su | ıbmit ACC | D-18.) | | Other (Specify) | | | | | | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | Falkin, Richard T. |
| Well Name | HARTS FARM 12 |
| Doc ID | 1363170 |

Casing

| | Size Hole Drilled | Size Casing Set | Weight | - | Type Of Cement | | Type and Percent Additives |
|-----------|----------------------|-----------------------|--------|-----|-------------------|---|----------------------------------|
| Surface | 9.875 | 7 | 20 | 22 | portland | 5 | none |
| Conductor | 5.625 | 2.875 | 6.5 | 620 | portland | | 226# bentonite gel |
| | | | | | | | |
| | | | | | | | |

| Ć | DE | S |
|---|----------------|--------|
| | PRESSURE PUMPI | NG LLC |

PO Box 884, Chanute, KS 66720

TICKET NUMBER 53803

Mode

A

LOCATION Ottawa KS

FOREMAN Fred Mader.

FIELD TICKET & TREATMENT REPORT

| 620-431-921 | 10 or 800-467-867 | 6 | CEMEN | | A State State State | Design and a second | |
|-------------------|-------------------|--|-------------|------------|----------------------|---------------------|--------|
| DATE | CUSTOMER # | WELL NAME & NUM | IBER ' | SECTION | TOWNSHIP | RANGE | COUNTY |
| 6-2.17 | | Hart's Faim # 12 | 2 | SW 4 | 28 | 22 | CiZ |
| CUSTOMER | the second states | The second s | | | | | |
| - · · | hard T | Falkin | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| MAILING ADDRE | ESS | | | 712 | Freinad | | |
| P. 0 |). Box 9. | la. | | 495 | HarBec | and the second | |
| CITY | | STATE ZIP CODE | | 369 | Mile Hoa | | |
| Heple | r | KS 66746 | | 504 | AVIVICD | | |
| JOB TYPE LO | nastring | HOLE SIZE 5 5/8 | HOLE DEPTH | 630 | CASING SIZE & W | EIGHT_ 2718 | EVE |
| CASING DEPTH | 620 | DRILL PIPE | _TUBING | | | OTHER | |
| SLURRY WEIGH | нт | SLURRY VOL | WATER gal/s | k | CEMENT LEFT in | CASING 2/2 | Plug |
| DISPLACEMENT | T_ 3.6 BBU | DISPLACEMENT PSI | | | RATE HBPr | ×1 | |
| REMARKS: Ho | 12 Safet | y meet ye Fistal | olish (r. | voulax ion | . Mixx Po | mg 100# | Gel |
| | | 4 | 1 | Δ | - | 1 -0 10 | |
| FUS | h. mix | x Pumo 75 | SYS Yor | Blend - | 1 H Cement | 1 790 Cul. | |
| 14 | | | sh sim | | 1 | D'sploc | e |
| Flus Cem 2k | | Surtace. Flu | sks por | 11 × 1.7.0 | 1 | | |
| Cem 2k | ent to. Ribbe | Surtace. Flo r plug to c | asing | TD. Pre | s rloon. | Disploc | |
| Cem 2k | ent to | Surtace. Flo r plug to c | asing | TD. Pre | s rloon. ssure to | D'splor 700 # PS | |

Evans Energy Der. Inc.

| ACCOUNT | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|---|--|------------------------------------|----------------------|--|
| CE0450 | 1 | PUMP CHARGE 495 | 150000 | Compile View |
| CEODOR | 60 m. | MILEAGE 195 | 112900 | P. Constant |
| (EOTIL | 1/2 Mini mum | Ton Miles Deliving 504 | 33000 | |
| WE 0853 | Zhus | 80 BBL Voc Truck 369 | 20000 | |
| Canada | | Sub Total | 245900 | |
| | en zbaren errenden berenden al biller erretten berenden berenden 1890 merek | Less 50% | | 122950 |
| | | | A STATISTICS | - |
| Selected and prove | an a part of the second s | | Alexandrese with the | and South Middle Read |
| CC 5840 | 755KS | Por Bland I A Cornert | 101250 | The second |
| (c 5965 | 226年 | Bentonite Gel | 67 50 | A STATE OF A |
| P 8176 | and the state of the | 2'2" Rubber Plug | 4500 | Real Mendal P |
| and the second second | | SUB Total | 112530 | |
| | VI. | Less 50% | Maria and Anna | 562 55 |
| | L- DY. XI | 614 | | and the second sec |
| | horiorivard | 80 | | |
| / | I AV R | | | 2011 - 10 - 10 - 10 - 10 - 10 - 10 - 10 |
| | 1 . Y . C | -0100 | | |
| | | 41. | and man to the state | 22 |
| | | 7.5% | SALES TAX | 41230 |
| Ravin 3737 | | | ESTIMATED TOTAL | 183435 |
| AUTHORIZTION | | TITLE | DATE | K2-10 112 - 111 |

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.

| OFS | | | | 15 well | | TICKET NUMBER 63244 FIELD TICKET REF # | | |
|--|---------------------------|-----------------------|-------------|--|---------------------|---|-------------------|---------------------------|
| SK | | | | FOREMAN Brett Housky | | | Suppy | |
| PRESSUR | E PUMPING LLC | 20 | TRE | ATMENT F | REPORT | | | 1 |
| PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676 FRAC & ACID | | | | | | | | |
| DATE | CUSTOMER # | WELL | NAME & NUME | The second s | SECTION | TOWNSHIP | RANGE | COUNTY |
| 1-71-17 | | Hats | Torm # | 12 | 4 | 285 | 22F | CR |
| CUSTOMER | State of the state of the | 1101127 | (A H) | 10 | | | | |
| Richa | rd TJ | Elkin | | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| MAILING ADDRE | SS | UINII | | | 754 | Josh | | |
| | | | | | 482 | Rvan | 0 | The state |
| CITY | | STATE | ZIP CODE | | 521 | Gary | | State State |
| | | San and Street | | * | 7251721 | George | | |
| | | | | | 12/17 1 | Juge | Alex Strengthered | Charles and Star |
| | WELL | DATA | | | | | | |
| CASING SIZE | VVELL | TOTAL DEPTH | | 1 % | TYPE OF TREATMENT | | | New York |
| CASING WEIGHT | Т | PLUG DEPTH | | | Anden | I + Frac | | |
| TUBING SIZE) | TAXEIF | PACKER DEPTH | 1 | | Licope | CHEMIC | | |
| TUBING WEIGHT | 100000 | | | | KOISUA- | Bire d. | | Ket. |
| PERFS & FORM | | OPEN HOLE | | - | Jaid-T | plaining ore | EZME | - |
| 601.CC | OFT | Tuckar | | - | ANTON 1 | Ampirox | | |
| 201-21 | 16 | Tucker | | | | <u> </u> | | |
| | | | | - | NUMBER OF THE OWNER | | | |
| | | BBL'S | INJ RATE | PROPPANT | SAND / STAGE | PSI | | |
| ST | AGE | PUMPED | | PPG | | | | |
| PAD | | 20 | 20 | 177 | | | BREAKDOWN | 1675 |
| 16-30 | D. Heal | ~ | 20 | 15-1,0. | 300# | | START PRESSU | RE |
| 12-20 - | Panan | 0 | 20 | 210 | 1200# | | END PRESSURE | |
| 12-20 (1) | (1)+(10) | and the second second | | | - | 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - | BALL OFF PRES | S |
| 12-20 | 10 | All the second second | | 2,0 | 1.0004 | | ROCK SALT PRE | ESS |
| 12-20 (8 |) HE) | | | 2.0 | | | ISIP 500 |) |
| 12-20 | 9.0 | | hard the | | | | 5 MIN | |
| 12-20 - | 3 ~ | 13 | 1.6 | 2.0 | 1,00007 | | 10 MIN | |
| 12-2015 |) + (2) = | 190) | | 2.0 | | | 15 MIN | |
| 12-20 | 0 | N | 20 | 2,0 | 1.000# | | MIN RATE | No. of the second second |
| FUSHO | ASING | 5 | 20 | | 1000 | Salli ana ing | MAX RATE | |
| Ralas | hIL IT | | | TOTAL | 4500# | | DISPLACEMENT | 3,5 |
| nellase | 1010101 | 10 | 20 | CALLA | 12001 | | | 215 |
| OVER | FLOOH | 100 | 20 | DAIND | | | | Contraction of the second |
| REMARKS: | 13/50 | ,120 | | 0.0 11 | 10 | -0 | | |
| TEMARAS: | nold sal | ely -prov | ceduce | meetix | ig belor | e trais | | |
| Citles I internet and | | | | | | | | |
| Spotled 75 opt-15% Hel acid on perts | | | | | | | | |
| | | | | | | | | |
| | | | | | A STATE OF STATE | | | |
| lacatio | n 12:00 | PM - 19 | 2:3 PM | | | HE | 5: miles | |
| fourther the collection of the second | | | | | | | | |
| AUTHORIZATION TITLE DATE 6-21-17 | | | | | | | | |

Terms and Conditions are printed on reverse side.



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

Paola, KS 66071

WELL LOG Richard Falkin Harts Farm #12 API #15-037-22334 May 31 - June 1, 2017

| Thickness of Strata | Formation | Total |
|---------------------|-------------|---------------------------------------|
| 8 | soil & clay | 8 |
| 46 | shale | 54 |
| 19 | lime | 73 |
| 6 | shale | 79 |
| 14 | lime | 93 |
| 56 | shale | 149 |
| 4 | lime | 153 |
| 4 | shale | 157 |
| 33 | lime | 190 oil show |
| 50 | shale | 240 |
| 19 | lime | 259 |
| 7 | shale | 266 |
| 4 | lime | 270 |
| 3 | shale | 273 |
| 12 | lime | 285 oil show |
| 98 | shale | 383 |
| 2 | lime | 385 |
| 15 | shale | 400 |
| 8 | lime | 408 |
| 60 | shale | 468 |
| 3 | lime | 471 |
| 33 | shale | 504 |
| 1 | coal | 505 |
| 51 | shale | 556 |
| 4 | lime | 560 |
| 20 | shale | 580 |
| 1 | broken sand | 581 grey & white, no oil |
| 5 | oil sand | 586 brown, 100% bleeding |
| 7 | broken sand | 593 brown & grey, thin bleeding seams |
| 4 | oil sand | 597 brown 100% bleeding |
| 3 | broken sand | 600 brown & grey thin bleeding seams |
| 4 | silty shale | 604 |
| 1 | coal | 605 |
| 25 | shale | 630 TD |

Drilled a 9 7/8" hole to 22.2' Drilled a 5 5/8" hole to 630'

Set 22.2' of 7" surface casing cemented with 5 sacks of cement.

Set 620' of 2 7/8" 8 round upset 3 centralizers, 1 float shoe, 1 clamp.

