

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1201895

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 # | API No. 15 - |
|--|---|
| Name: | Spot Description: |
| Address 1: | SecTwpS. R 🔲 East 🗌 West |
| Address 2: | Feet from North / South Line of Section |
| City: State: Zip:+ | Feet from _ East / _ West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | □NE □NW □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 #: |
| ☐ New Well ☐ Re-Entry ☐ Workover | Field Name: |
| □ Oil □ WSW □ 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: □ Well Name: | Producing Formation: Elevation: Ground: Kelly Bushing: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt. |
| Original Comp. Date: Original Total Depth: | |
| □ Deepening □ Re-perf. □ Conv. to ENHR □ Conv. to SWD □ Plug Back □ Conv. to GSW □ Conv. to Producer | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| □ Commingled Permit #: | Chloride content:ppm Fluid volume:bbls Dewatering method used: Location of fluid disposal if hauled offsite: |
| ☐ ENHR Permit #: ☐ GSW Permit #: | Operator Name: Lease Name: License #: |
| Spud Date or Date Reached TD Completion Date or Recompletion Date | 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: |

Page Two

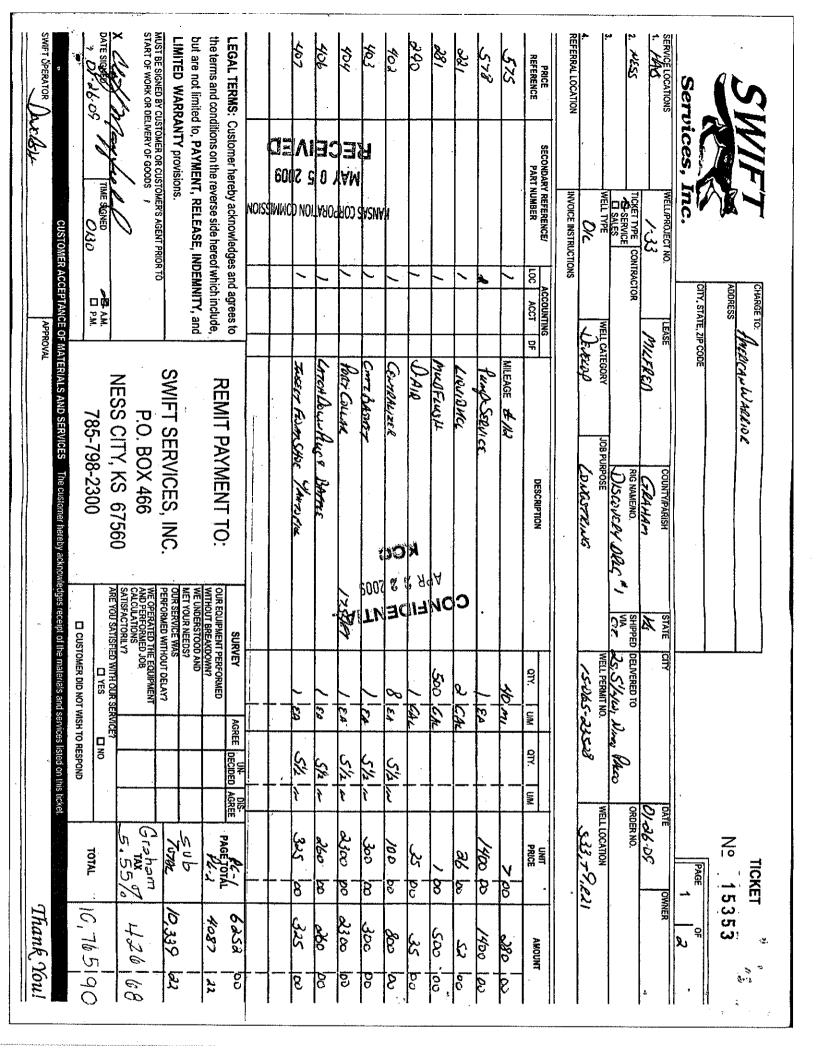


| Operator Name: | | | L | ease Name: _ | | | Well #: | |
|--|---------------------------|---|-----------------------|----------------------|---------------------|-----------------------|------------------|-------------------------------|
| Sec Twp | S. R | East We | est C | County: | | | | |
| INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to | ring and shut-in pres | sures, whether sh | ut-in pressur | e reached stati | c level, hydrosta | tic pressures, bott | | |
| Final Radioactivity Lo files must be submitted | | | | | gs must be ema | iled to kcc-well-log | gs@kcc.ks.go | . Digital electronic log |
| Drill Stem Tests Taker (Attach Additional | | Yes | No | L | | n (Top), Depth an | | Sample |
| Samples Sent to Geo | logical Survey | Yes | No | Nam | e | | Тор | Datum |
| Cores Taken Electric Log Run | | Yes Yes | No No | | | | | |
| List All E. Logs Run: | | | | | | | | |
| | | (| CASING REC | ORD Ne | w Used | | | |
| | | · · | | ıctor, surface, inte | ermediate, producti | | T | |
| Purpose of String | Size Hole Drilled | Size Casin Set (In O.D | | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | ADD | ITIONAL CEN | MENTING / SQL | JEEZE RECORD | | | |
| Purpose: | Depth Top Bottom | Type of Cem | ent # | Sacks Used | | Type and Pe | ercent Additives | |
| Perforate Protect Casing | 100 20111111 | | | | | | | |
| Plug Back TD Plug Off Zone | | | | | | | | |
| 1 lag on zono | | | | | | | | |
| Did you perform a hydrau | ulic fracturing treatment | on this well? | | | Yes | No (If No, ski) | o questions 2 ar | nd 3) |
| Does the volume of the to | | • | | | | _ | o question 3) | (" 100 ") |
| Was the hydraulic fractur | ing treatment information | on submitted to the c | hemical disclo | sure registry? | Yes | No (If No, fill o | out Page Three | of the ACO-1) |
| Shots Per Foot | | ION RECORD - Bri Footage of Each Int | | | | cture, Shot, Cement | | d Depth |
| | , , | | | | , | | , | |
| | | | | | | | | |
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| | | | | | | | | |
| TUBING RECORD: | Size: | Set At: | Pa | acker At: | Liner Run: | | | |
| | | | | | | Yes No | | |
| Date of First, Resumed | Production, SWD or Ef | | cing Method: owing | Pumping | Gas Lift C | ther <i>(Explain)</i> | | |
| Estimated Production Per 24 Hours | Oil | Bbls. G | as Mcf | Wate | er Bl | ols. G | ias-Oil Ratio | Gravity |
| DIODOCITI | ON OF CAS: | | RACT!! | | TION | | DRODUCTIO | AN INTEDVAL. |
| Vented Solo | ON OF GAS: Used on Lease | Open Ho | | IOD OF COMPLE \Box | | nmingled | PHODUCIIC | ON INTERVAL: |
| | bmit ACO-18.) | Other (S | necify) | (Submit | | mit ACO-4) | | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | Spiral Energy Corp |
| Well Name | Milfred 1-33 |
| Doc ID | 1201895 |

Casing

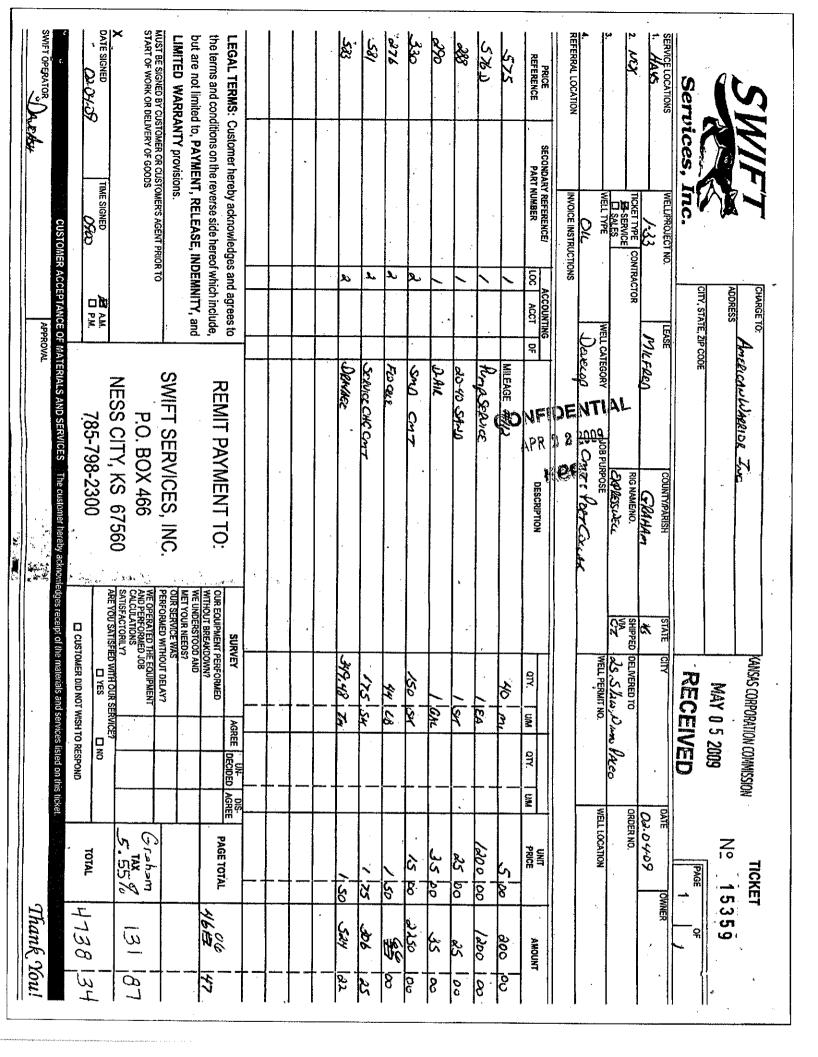
| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|-----|----------------------------|
| Surface | 12.25 | 8.625 | 23 | 211 | Common | | 3% cc + 2% gel |
| Production | 7.875 | 5.5 | 14 | 3941 | EA/2 | 175 | Flocele |
| | | | | | | | |
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| | CHARGE TOTAL WEIGHT | SERVICE CHARGE | | • | - | | | | | | | | | | | | DONKE | SENICE CHECKT | CFA. | Ousek | Sky | <i>βωαι</i> ξ | | The second | CUSTOMER AMERICAN WARRIOR | : | |
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| | ļ | | <u> </u> | | | | | PXD 3945, SET P. PER 3941, SJ | 11.25, Freeco 3919 |
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| STOMER |).sq | | WELL NO. | •• | | LEASE | | JOB TYPE TICKET NO. |
|--|-----------|---------------|--------------|---------------------------------------|----------|-------------|---------|--|
| CHART | T | RATE | | 33 PUN | IPS | PRESSUR | E (PSI) | JOB TYPE PORT COLLER TICKET NO. 15359 |
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ALLIED CEMENTING CO., LLC. 035007A

RUSSELL, KANSAS 67665

SERVICE POINT:

Kussin KS

| DATE /-/9-09 | SEC. | TWP. | RANGE | CALLED OUT | ON LOCATION | JOB START | JOB FINISH |
|---------------------------|----------------------|-----------------------------|--|---|-------------|---------------------|--|
| Milfred | | 1 20 | | | | COUNTY | STATE |
| LEASE | WELL# | 1-33 | LOCATION Red 1 | ine Church of | God / South | Graham | KS |
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| TOOL | | | PTH | | | | |
| PRES. MAX | | | | COMMON_ | 150 | @ 1250 | 2025,00 |
| MEAS. LINE | | | DE JOINT | POZMIX | | | 20-3100 |
| CEMENT LEFT IN | CSG. | 15 | 1 | GEL | 3 | | 60,75 |
| PERFS. | | , | | CHLORIDE | | | 257,50 |
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| PUMP TRUCK | CEMENT | ER Joh | n Roberts | A | PR 2 2 2009 | _ @ | |
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| BULK TRUCK | | | - | | KCO | - ® RECE | IVED - |
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