Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1101228

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: | |
| 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: () | |
| 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: |
| | Producing Formation: |
| | Elevation: Ground: Kelly Bushing: |
| Gas D&A ENHR SIGW | Total Vertical Depth: Plug Back Total Depth: |
| GG GSW Temp. Abd. | Amount of Surface Pipe Set and Cemented at: Feet |
| CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): | Multiple Stage Cementing Collar Used? Yes No |
| If Workover/Re-entry: Old Well Info as follows: | If yes, show depth set: Feet |
| Operator: | If Alternate II completion, cement circulated from: |
| Well Name: | feet depth to:w/sx cmt. |
| Original Comp. Date: Original Total Depth: | |
| Deepening Re-perf. 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 |
| Dual Completion Permit #: | Dewatering method used: |
| SWD Permit #: | 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 | Quarter Sec Twp S. R East West |
| 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 Two | |
|-----------------------|-------------|---------|
| Operator Name: | Lease Name: | Well #: |
| Sec TwpS. 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 (Attach Additional She | eets) | Yes No | □ L | Log Formation (Top), Depth and Datum Sampl | | | | |
|--|---|------------------------------|----------------------|--|-------------|------------------|-------|--|
| Samples Sent to Geolog | ical Survey | Yes No | Nam | e | | Тор | Datum | |
| Cores Taken Electric Log Run | | Yes No | | | | | | |
| List All E. Logs Run: | | | | | | | | |
| | | | | | | | | |
| | CASING RECORD 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. | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | ADDITIONAL | CEMENTING / SQU | JEEZE RECORD | | | | |
| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | | Type and Pe | ercent Additives | | |
| Protect Casing | | | | | | | | |
| 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

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 | | | | | ļ | | ement Squeeze Record | Depth | |
|--------------------------------------|---|-----------------|------------|----------------|----------|-----------|-----------------|----------------------|---------------|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Siz | ze: | Set At: | | Packer | r At: | Liner Ru | un: | No | |
| Date of First, Resumed | Producti | on, SWD or ENHF | } . | Producing N | | ping | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | | Oil Bb | ls. | Gas | Mcf | Wat | er | Bbls. | Gas-Oil Ratio | Gravity |
| DIODOOITI | | | | | METHOD | | TION | | | |
| DISPOSITI | _ | Jsed on Lease | | Open Hole | METHOD (| OF COMPLE | - HON: Comp. | Commingled | PRODUCTION IN | IERVAL: |
| (If vented, Su | | | | Other (Specify | | (Submit | 4 <i>CO-5</i>) | (Submit ACO-4) | | |

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

November 15, 2012

Leon Rodak Murfin Drilling Co., Inc. 250 N WATER STE 300 WICHITA, KS 67202-1216

Re: ACO1 API 15-153-20903-00-00 Hatch 1-30 SE/4 Sec.30-01S-36W Rawlins County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Leon Rodak



PO Box 93999 Southlake, TX 76092

Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:



Murfin Drlg. Co., Inc. 250 N. Water STE #300 Wichita, KS 67202

| | | YEARS |
|-----------------|---|---------------|
| | | |
| ID | Well Name/# or Customer P.O. | Payment Terms |
| | Hatch #1-30 | Net 30 Days |
| KERK BROOM ROOM | the second se | |

| Customer ID | Well Name/# or Customer P.O. | Payment Terms | | | |
|--------------|------------------------------|---------------|----------|--|--|
| Murfin | Hatch #1-30 | Net 30 | Days | | |
| Job Location | Camp Location | Service Date | Due Date | | |
| KS1-01 | Oakley | Jul 20, 2012 | 8/19/12 | | |

| Quantity | Item | a. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | Description | Unit Price | Amount |
|---|----------------------------------|---|------------------------|---|------------|
| 225.00 | MAT | Class A C | Common | 16.25 | 3,656.25 |
| 8.00 | MAT | Chloride | | 58.20 | 465.60 |
| 236.20 | SER | Cubic Fe | et | 2.10 | 496.12 |
| 871.35 | SER | Ton Milea | age | 2.35 | 2,047.69 |
| 1.00 | SER | Surface | | 1,125.00 | 1,125.00 |
| 80.00 | SER | Pump Tru | uck Mileage | 7.00 | 560.00 |
| 1.00 | SER | Manifold | Head Rental | 200.00 | 200.00 |
| 80.00 | SER | Light Veh | nicle Mileage | 4.00 | 320.00 |
| 1.00 | EQP | 8.5/8 Sur | face Plug | 92.00 | 92.00 |
| 1.00 | CEMENTER | Andrew F | Forslund | | |
| 1.00 | EQUIP OPER | Dane Re | tzloff | | |
| 1.00 | OPER ASSIST | Ethan Gla | assman | | |
| | II. | 0203 | 3 6164.94 | Assistion Ungent S. | (ig + 1-3) |
| | | 3- | 3252.0001 | 01417 | |
| | | | Subtotal | 1 Contra para for de la la añas e la sidera de sider de la segunda major da major da major de segunda de se | 8,962.66 |
| | RE NET, PAYABLE OWING DATE OF | | Sales Tax | | 339.21 |
| | /2% CHARGED | | Total Invoice Amount | | 9,301.87 |
| | IF ACCOUNT IS | | Payment/Credit Applied | | 0,001.07 |
| CURRENT, TAI | KE DISCOUNT OF | - | TOTAL | | 9,301.87 |
| \$3130 | 6.93 | | I VIAE | | 9,501.87 |
| ONLY IF PAID | ON OR BEFORE | | | | (3/36.93) |
| · 第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十 | | | | | |

6164.94

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INVOICE

Invoice Number: 131997

Page:

Invoice Date: Jul 20, 2012

2012

| | CALLED OUT ON LOCATION JOB START JOB FINISH CALLED OUT ON LOCATION JOB START JOB FINISH GROUP (190 PM COUNTY STATE COUNTY ST |
|--|--|
| EASE WELL # 1-30 LOCATION MADE ASE WELL # 1-30 LOCATION MADE ASE ASE ASE ASE ASE ASE ASE ASE ASE AS | <u>CEMENT</u> |
| EASE' IWELL # 1 - 30 LOCATION 72 DLD OR NEW (Circle one) /2 E M CONTRACTOR 1740 Fin 3 YPE OF JOB 541 Face IOLE SIZE 1244 T.D. 24.7 ASING SIZE 828 DEPTH 24' UBING SIZE DEPTH | OWNER Jane 1.01 80 |
| DLD ORNEW (Circle one) /2E M CONTRACTOR Marking 3 CYPE OF JOB 541 Age 4 IOLE SIZE 12/4 T.D. 247 CASINO SIZE 825 DEPTH 247 UBINO SIZE DEPTH | OWNER Jane 1.01 80 |
| YPE OF IOB S4FFqc& IOLE SIZE 12/4 T.D. 22.1 CASINO SIZE 82/8 DEPTH 24.1 UBINO SIZE DEPTH | CEMENT |
| YPE OF IOB S4FFqc& IOLE SIZE 12/4 T.D. 22.1 CASINO SIZE 82/8 DEPTH 24.1 UBINO SIZE DEPTH | CEMINT |
| CASINO SIZE 825 DEPTH 221 UBINO SIZE DEPTH | CEMENT AMOUNT ORDERED 225 SES CODES |
| UBINO SIZE DEPTH | AMOUNT ORDERED 200 SO CODES |
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| | 3//00 |
| OOL DEPTH | |
| RES. MAX MINIMUM | COMMON 225 55 @ 16,25 7.56,25 |
| 1EAS. LINE SHOE JOINT | |
| EMENT LEFT IN CSG. 15 | GEL@ |
| ERFS. | CHLORIDE 8 5/5 @ 58720 4/65160 |
| DISPLACEMENT SIGZ BAL | ASC@ |
| EQUIPMENT | |
| ······································ | @ |
| UMPTRUCK CEMENTER Andrew By | @@ |
| 431 HELPER Dane Retal | <u>kr 2</u> |
| 394 DRIVER Ethan GLOSS | |
| ULK TRUCK | @@ |
| DRIVER | @ |
| | HANDLING 2200 CU/FT @ 2110 496,12 |
| REMARKS: | MILLAGE 2, 35 TON/11/2 10.882 TON 2017169 |
| лыналда; | 871.35 TOTAL 665160 |
| Cement Did circulate | SERVICE |
| | DEPTH OF JOB 261 |
| | PUMP TRUCK CHARGE 1125.00 |
| | BXTRA FOOTAGE@ |
| | MILBAGE 80 Miles @ 7,00 560,00 |
| | MANIFOLD head @ 200,00 |
| | Light verice @ 4.00 320,00 |
| CHARGE TO: Murfin | |
| TREET | TOTAL 2205,00 |
| CITYSTATEZIP | |
| STATE ZIP | PLUG & FLOAT EQUIPMENT |
| | 878 |
| | Surface plug @ 92:00 |
| | @ |
| To: Allied Oil & Gas Services, LLC. | |
| You are hereby requested to rent cementing equipm | |
| and furnish cementer and helper(s) to assist owner | of |
| contractor to do work as is listed. The above work | |
| done to satisfaction and supervision of owner agen | |
| contractor. I have read and understand the "GBNB FERMS AND CONDITIONS" listed on the reverse | |
| I BUING MIND COMPLETIONS INSIGN ON THE REVERS | TOTAL CHARGES 8,962.66 |
| | 101AL CHARUES 476000 |
| PRINTED NAME | DISCOUNT 35 3136, 93 IF PAID IN 30 DAYS |

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PO Box 93999 Southlake, TX 76092

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Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:

Murfin Drlg. Co., Inc. 250 N. Water STE #300 Wichita, KS 67202

ONLY IF PAID ON OR BEFORE

Aug 17, 2012

INVOICE

Invoice Number: 132086

Invoice Date: Jul 23, 2012 Page:

1



| Customer ID | Well Name/# or Customer P.O. | Payment | Terms | |
|--------------|------------------------------|--------------|----------|--|
| Murfin | Hatch #1-30 | Net 30 Days | | |
| Job Location | Camp Location | Service Date | Due Date | |
| KS1-03 | Oakley | Jul 23, 2012 | 8/22/12 | |

| Quantity | Item | | Description | Unit Price | Amount |
|---------------------|--|-----------|--|------------|----------|
| 145.00 | MAT | Class A | Common | 16.25 | 2,356.25 |
| 2.00 | MAT | Chloride | <u>8</u> | 58.20 | 116.40 |
| 36.00 | MAT | Flo Seal | | 2.70 | 97.20 |
| 147.84 | SER | Cubic Fe | eet | 2.10 | 310.46 |
| 551.60 | SER | Ton Mile | age | 2.35 | 1,296.26 |
| 1.00 | SER | Plug to A | Abandon | 1,250.00 | 1,250.00 |
| 80.00 | SER | Pump Tr | ruck Mileage | 7.00 | 560.00 |
| 80.00 | SER | Light Vel | hicle Mileage | 4.00 | 320.00 |
| 1.00 | CEMENTER | Alan Rya | an | | |
| 1.00 | EQUIP OPER | Wayne M | McGhghy | | |
| 1.00 | OPER ASSIST | Ethan G | lassman | | |
| | | | | | |
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| | | | | | |
| ALL PRICES AF | RENET PAYARI | = | Subtotal | | 6,306.57 |
| 30 DAYS FOLL | ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF | | Sales Tax | 523.45 | |
| | /2% CHARGED | | Total Invoice Amount | | 6,830.02 |
| | IF ACCOUNT IS KE DISCOUNT OI | | Payment/Credit Applied | | |
| (| | | TOTAL | | 6,830.02 |
| \$220 | 1.27 | 55 | lana anan kana kana kala nakana kana kan | | |

OKM

Prod.- Jizt

| ALLIED OIL & GAS SERVICES, LLC 056769 Federal Tax 1,D,# 20-5975804 | |
|--|---|
| REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 | SERVICE POINT: Ogklanki |
| DATE 7 83 12 SEC O TWP. RANGE 36 CA LEASE AND WELL # 2. 30 LOCATION M. GON OLD OR NEW Circle one) 1/2-E | alled OUT ON LOCATION JOB START, JOB FINISH alled OUT ON LOCATION JOB START, JOB FINISH COUNTY STATE COUNTY STATE 1-0 ³ 5,30 1-0 ³ 5,30 10 10 10 10 10 10 10 10 10 1 |
| CONTRACTOR Mar End S TYPE OF JOB 0779 HOLE SIZE 212 T.D. CASING | $\begin{array}{c} \underline{\text{OWNER}} & \underline{\text{Dere}} \\ \underline{\text{CEMENT}} \\ \underline{\text{AMOUNT ORDERED}} & \underline{\text{MS}} & \underline{\text{Com}} \\ \underline{3 \ 2} & \underline{2} & \underline{5} & \underline{14} \\ \underline{3 \ 2} & \underline{2} & \underline{5} & \underline{2} & \underline{5} & \underline{2} \\ \underline{3 \ 2} & \underline{5} & \underline{2} & \underline{5} & \underline{2} \\ \underline{3 \ 2} & \underline{5} & \underline{2} & \underline{5} & \underline{2} \\ \underline{3 \ 2} & \underline{5} & \underline{2} & \underline{5} & \underline{2} \\ \underline{3 \ 2} & \underline{5} & \underline{2} & \underline{5} & \underline{2} \\ \underline{3 \ 2} & \underline{5} & \underline{5} & \underline{2} \\ \underline{3 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{3 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 2} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 2} & \underline{5} & \underline{5} \\ \underline{5 \ 5} & \underline{5} \\ \underline{5 \ 5} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 5} & \underline{5} \\ \underline{5 \ 5} & \underline{5} & \underline{5} \\ \underline{5 \ 5} & \underline{5} \\ \underline{5 \ 5} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 5} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 5} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 5} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 5} & \underline{5} & \underline{5} & \underline{5} & \underline{5} \\ \underline{5 \ 5} & \underline{5} & \underline{5} \\ \underline{5 \ 5} & \underline{5} & \underline{5} \\ \underline$ |
| 4 50 5K, Con 14 16 Floseel w/3 roce in 1/2 140 FT Olsplag, Wait 4 hrs, cond th 20 Const, Pull to 300' My 405Ks - Pull 70 40 my 105Ks, My 30 5KR - (58 M. 4, | 551.60 TOTAL 4126 SERVICE $\frac{1}{100}$ PUMP TRUCK CHARGE $\frac{1}{250}$ BXTRA FOOTAGE $\frac{1}{250}$ MILBAGE $\frac{1}{250}$ $\frac{1}{2$ |
| CHARGE TO: MUTON Of Hinty TREETSTATEZIP | TOTAL 2130 |
| Fo: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was lone to satisfaction and supervision of owner agent or contractor. I have read and understand the "GBNBRAL TERMS AND CONDITIONS" listed on the reverse side. RINTED NAME | © © © © © © TOTAL SALES TAX (If Any) 523.44 TOTAL TOTAL CHARGES JOG. 57 DISCOUNT 35 JOG. 57 DISCOUNT 35 JOG. 57 IP PAID IN 30 DAYS |

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