

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1101897

Form ACO-1 June 2009 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 # | County: |
| Name: | Lease Name: Well #: |
| Wellsite Geologist: | Field Name: |
| - | |
| Purchaser: | Producing Formation: |
| Designate Type of Completion: | Elevation: Ground: Kelly Bushing: |
| New Well Re-Entry Workover | Total Depth: Plug Back Total Depth: |
| Oil WSW SWD SIOW | Amount of Surface Pipe Set and Cemented at: Feet |
| Gas D&A ENHR SIGW | Multiple Stage Cementing Collar Used? Yes No |
| OG GSW Temp. Abd. | If yes, show depth set: Feet |
| CM (Coal Bed Methane) | If Alternate II completion, cement circulated from: |
| Cathodic Other (Core, Expl., etc.): | feet depth to:w/sx cmt. |
| If Workover/Re-entry: Old Well Info as follows: | |
| Operator: | |
| Well Name: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth: | |
| Deepening Re-perf. Conv. to ENHR Conv. to SWD | Chloride content: ppm Fluid volume: bbls |
| | Dewatering method used: |
| Plug Back: Plug Back Total Depth | Location of fluid disposal if hauled offsite: |
| Commingled Permit #: | Operation |
| Dual Completion Permit #: | Operator Name: |
| ☐ SWD Permit #: | Lease Name: License #: |
| ENHR Permit #: | Quarter Sec Twp S. R East _ West |
| GSW Permit #: | County: Permit #: |
| | |
| Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date | |

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 |
|------------------------------------|
| Letter of Confidentiality Received |
| Date: |
| Confidential Release Date: |
| Wireline Log Received |
| Geologist Report Received |
| UIC Distribution |
| ALT I II III Approved by: Date: |

| | Side Two | |
|-------------------------|-------------|---------|
| Operator Name: | Lease Name: | Well #: |
| Sec TwpS. R East _ West | County: | |
| | | |

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| Drill Stem Tests Taken (Attach Additional She | eets) | Yes | No | | og Formation | n (Top), Depth an | d Datum | Sample |
|---|----------------------|---------------------------|----------------|------------------------|--------------------|-------------------|-----------------|-------------------------------|
| Samples Sent to Geolog | jical Survey | Yes | No | Nam | e | | Тор | Datum |
| Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy) | Electronically | Yes Yes Yes | No No No | | | | | |
| List All E. Logs Run: | | | | | | | | |
| | | | CASING R | | w Used | | | |
| | | Report all str | ings set-co | nductor, surface, inte | rmediate, producti | on, etc. | | |
| 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 |
| | | | | | | | | |
| | | | | | | | | |

ADDITIONAL CEMENTING / SQUEEZE RECORD

| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
|-----------------------------|---------------------|----------------|--------------|----------------------------|
| Protect Casing Plug Back TD | | | | |
| Plug Off Zone | | | | |

| Shots Per Foot | | PERFORATION Specify Fo | | RD - Bridge P Each Interval F | | e | | | ement Squeeze Record d of Material Used) | Depth |
|--------------------------------------|----------|---------------------------|---------|----------------------------------|---------|---------------------|-------------------------|------------------------------|---|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Si | ze: | Set At: | | Packer | r At: | Liner F | Run: | No | |
| Date of First, Resumed | Product | ion, SWD or ENH | ۶. | Producing N | 1ethod: | ping | Gas Lift | Other <i>(Explain)</i> | | |
| Estimated Production Per 24 Hours | | Oil Bb | ls. | Gas | Mcf | Wate | er | Bbls. | Gas-Oil Ratio | Gravity |
| | | , | | | | | | | | |
| DISPOSITIO | ON OF (| GAS: | | | METHOD | OF COMPLE | TION: | | PRODUCTION INT | ERVAL: |
| Vented Sold | | Used on Lease | | Open Hole | Perf. | Dually (Submit) | Comp. 4 <i>CO-5)</i> | Commingled (Submit ACO-4) | | |
| (If vented, Sub | omit ACC |)-18.) | | Other (Specify) | | | | | | |

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

R.J. Enterprise 22082 NE Neosho RD Garnett, KS 66032

Herman 22-A

| 3 | soil | 3 | F |
|-----|-------------|-----|-----------|
| 5 | clay/rock | 8 | |
| 45 | lime | 53 | |
| 155 | shale | 208 | |
| 32 | lime | 240 | |
| 35 | shale | 275 | |
| 2 | lime | 277 | |
| 35 | shale | 312 | S |
| 109 | lime | 421 | ra |
| 170 | shale | 591 | C |
| 16 | lime | 607 | |
| 60 | shale | 667 | |
| 27 | lime | 694 | |
| 22 | shale | 716 | |
| 11 | lime | 727 | |
| 17 | shale | 744 | |
| 6 | lime | 750 | |
| 10 | shale | 760 | |
| 8 | lime | 768 | |
| 8 | shale | 776 | |
| 4 | sandy shale | 780 | odor |
| 12 | sandy shale | 792 | show |
| 45 | Bkn sand | 837 | good show |
| 3 | Dk sand | 840 | show |
| 23 | shale | 863 | T.D. |
| | | | |

Start 10-25-2012

Finish 10-26-2012

set 20' 7" ran 856.8' 2 7/8 cemented to surface 84 sxs

| Image: model Care Image: model Image: model <thimage: model<="" th=""> <thimage: model<="" th=""></thimage:></thimage:> | ₹ m | LEN AT ALEGI | | | | | ETH TIDI | 627ENSION 36522.40 4854.60 | \$8377.00 | | 653,41 | \$9030.41 | |
|---|---|-----------------------------------|---|---|-----------------------|-------------------------|--|---|----------------------------------|--|--|----------------------------|--------|
| | Archant Col | CHANT AT ALL TI | 191695 16:01:58 10/23/12 | *: 10/23/12 11/08/12 | | | Dominio | 99 | Sales total | | Sales tax | TOTAL | |
| Transmission Control Control Control 1 Import Import Import Import 1 Import Import | | | Time: Time: | | NT IOUSE USE | | Order By: | Ait Price/Jorn 6.2900 bao 9.8900 bao 9.8900 bao | | | | | |
| Transmission Biatometric Transmission Transmission Transmission | GARNETT TRUE VALUE HOMECENTER GARNET RUE VALUE HOMECENTER Garnett KS 66032 | (785) 448-7108 FAX (785) 448-7135 | 8:1 | | SHO RD (785) 448-6995 | | | UM ITEM# BAG CPFA BAG CPFC | CHECKED BY DATE SHIPPED | ANDERSON COUNTY | HECENED CLIMPLE IS AND IN GOOD CURATION | | |
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| (7B5) 448-7106 FAX (785) 448-7135 (7B5) 448-7106 FAX (785) 448-7135 (7B5) 448-7135 (7B5) 448-7135 (7B2) 448-7135 (7B2) 448-7135 (7B2) 448-7135 (7B2) 448-7135 (7B2) 448-714 (7B2) 448-7135 (7B2) 448-714 (7B2) 448-714 (7B2) 448-714 (7B2) 448-714 (7B2) 448-714 (7B2) 448-714 (7B2) 47 (7B2) 448-714 (7B2) 47< | erment Copy IVOICE EST TO WOUGE NUMBER | 91163 12:56:35 | 10/09/12 10/09/12 11/08/12 | | | | EXTENS | 02000 2000 2000 2000 2000 2000 2000 20 | | | | | |
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| Be: 1 al :: : : : : : : : : : : : : : : : : : | | True: 12:56:35 | Ship Date: Invoice Date: Date: | | (785) 448-6985 | Ordar By: | All Price/I for PBICE EXTENS | 6,2900 mod 15,0000 mod 15,00000 mod 15,0000 mod 15,000 mod 15,0000 mod 15,0000 mod 15,0000 mod 15,0000 mod 15,0000 mod 15, | Asstance. Research | SHIPPED DRIVER SAIPED DRIVER | Taxable | the 0.00 Sales tax | TOTAL |
| | | Invoice: 10191163 | Ship Date: Invoice Date: Date: | Ship To SHO FID (785) 448-6995 UNT FOR HOUSE USE | | Customer PO: Outlon By: | DESCRIPTION All Price/Lim PRICE EXTENS | ELY ASH MIX 80 LBS PER BAG 6,2000 840 15,0000 840 15,000 840 15,000 10 | ALEMENTAN, ASSTANDED, BALLEN, I. | CHECKED BY DATE SHIPPED DRIVER Seles total | ANDERSON COUNTY RECEIVED COMPLETE AND IN GOOD CONDITION TRANDIO | Non-taxable 0.00 Sales tax | TOTAL |