

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1074704

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: H & B Petroleum Corp. | Spot Description: |
| Address 1: PO BOX 277 | NW_SE_NE_NW Sec. 7 Twp. 10 S. R. 19 ☐ East West |
| Address 2: | 4440 Feet from North / South Line of Section |
| City: ELLINWOOD State: KS Zip: 67526 + | 3120 Feet from 🗹 East / 🗌 West Line of Section |
| Contact Person: Al Hammersmith | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (620) 564-3002 | □ne □nw ☑se □sw |
| CONTRACTOR: License #_34066 | County: Rooks |
| Name: Trinity Oilfield Services Inc. | Lease Name: Ouderkirk Well #: 15 |
| Wellsite Geologist: Kurt Talbot | Field Name: Marcotte |
| Purchaser: NCRA | Producing Formation: Arbuckle |
| Designate Type of Completion: | Elevation: Ground: 2230 Kelly Bushing: 2237 |
| New Well Re-Entry Workover | Total Depth: 3879 Plug Back Total Depth: 3861 |
| ✓ Oil □wsw □swD □slow | Amount of Surface Pipe Set and Cemented at: 365 Feet |
| Gas D&A ENHR SIGW | Multiple Stage Cementing Collar Used? ☑ Yes ☐ No |
| ☐ OG ☐ GSW ☐ Temp. Abd. | If yes, show depth set: 1652 Feet |
| CM (Coel Bed Methane) | If Alternate II completion, cement circulated from: 1652 |
| Cathodic Other (Core, Expl., etc.): | feet depth to: 0 w/ 350 sx cmt. |
| If Workover/Re-entry: Old Well Info as follows: | w sx cm. |
| Operator: | |
| Well Name: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth: | Chloride content: 3200 ppm Fluid volume: 0 bbls |
| ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD | |
| ☐ Conv. to GSW | Dewatering method used: Evaporated |
| Plug Back: Plug Back Total Depth | Location of fluid disposal if hauled offsite: |
| Commingled Permit #: | Operator Name: |
| Dual Completion Permit #: | Lease Name: License #: |
| SWD Permit #: | |
| ENHR Permit #: | QuarterSecTwpS. R East West |
| ☐ GSW Permit #: | County: Permit #; |
| 10/03/2011 10/09/2011 11/07/2011 | |
| Spud Date or Date Reached TD Completion Date or 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 I III Approved by: Dearns Corres Date: 02/27/2012 |

Side Two



| Operator Name: H 8 | B Petroleum Co | rp. | Lease N | Name: _ | Juderkirk | | Well #:15 | | |
|--|--|---|---------------|--|--------------------|-------------------|---|--|--------------------------|
| Sec. 7 Twp. 10 | s. R. <u>19</u> | ☐ East 🗸 West | County | Rook | s | | | | |
| time tool open and clo | osed, flowing and shu es if gas to surface te | d base of formations per t-in pressures, whether s st, along with final charte well site report. | shut-in press | sure read | ched static level, | hydrostatic pres | ssures, bottom h | ole temp | erature, fluid |
| Drill Stern Tests Taker | | Yes No | | ⊘ Lı | og Formation | n (Top), Depth a | nd Datum | | Sample |
| Samples Sent to Geo Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy | logical Survey d Electronically | Yes No Yes No Yes No Yes No | | Nam Anhyd Topek Heebr Toront | rite a er | | Top 1641 3229 3436 3454 3472 | [| Datum |
| List All E. Logs Run: | | | | Lansir | ng Kansas City | | 3678 | | |
| Dual Induction Dual Compensated Poros | ity | | | Arbuc | • | | 3769 | | |
| | | CASING Report all strings set | RECORD | □ Ne | w Used | ion, etc. | · · · · · · · · · · · · · · · · · · · | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weig Lbs. | | Setting Depth | Type of Cement | # Sacks Used | | and Percent Additives |
| Attached | Attached | Attached | Attached | 1 | Attached | Attached | Attached | Attach | ed |
| | | | | | | | | | |
| | | | | | | | | <u> </u> | |
| | | ADDITIONA | L CEMENTII | NG / SQL | JEEZE RECORD | | | | |
| Purpose: —— Perforate | Depth Top Bottom | Type of Cement | # Sacks | Used | | Type and | Percent Additives | i | |
| Protect Casing Plug Back TD Plug Off Zone | - | | | | | | | | |
| Ping Oil Zoile | - | | | | | | ····· | | |
| Shots Per Foot | | ON RECORD - Bridge Plu Footage of Each Interval Pe | | | | cture, Shot, Ceme | nt Squeeze Recor Material Used) | d | Depth |
| 4 | 3772-3778 | | | | 3500 gal 209 | % DSFE | | | 3740 |
| 4 | 3780-3790 | | | | | | | | |
| 4 | 3796-3800 | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| | | | | | | | | | |
| TUBING RECORD: | Size: 2 7/8 | Set At: 3855 | Packer A | At: | Liner Run: | Yes 📝 N | lo | | |
| Date of First, Resumed | I Production, SWD or EN | NHR. Producing Me | thod: | 19 <u></u> | Gas Lift 🔲 C | Other (Explain) | | | |
| Estimated Production Per 24 Hours | 0il 28 | Bbls. Gas | Mcf | Wat | er B | bis. | Gas-Oil Ratio | | Gravity 26 |
| DISDOSIT | ON OF GAS: | 1 | METHOD OF | COMPL | FTION: | | PRODUCTION | ON INTER | |
| Vented Sol | _ | Open Hole | Perf. | _ | y Comp. Cor | mit ACO-4) | 3772-3800 Arbuckle | | |

| Form | ACO1 - Well Completion | |
|-----------|------------------------|--|
| Operator | H & B Petroleum Corp. | |
| Well Name | Ouderkirk 15 | |
| Doc ID | 1074704 | |

Casing

| Surface | 12.25 | 8.625 | 23 | 365 | Class A Common | 265 | 3%cc,2%g el |
|------------|-------|-------|------|------|-------------------|-----|-------------------|
| Production | 7.875 | 5.5 | 15.5 | 3879 | Class A Common | 125 | 10%salt,2 %gel |
| Production | 7.875 | 5.5 | 15.5 | 3879 | Lite-Wt | 350 | |
| Production | 7.875 | 5.5 | 15.5 | 3879 | 60/40 Poz | 100 | 4%gel |

ALLIED CEMENTING CO., LLC. 035817

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT: RUSSell US JOB START JOB FINISH CALLED OUT ON LOCATION TWP. RANGE SEC. DATE 10-3-11 3:30pm 10 COUNTY 25 LOCATION ZURICH 2 W LEASE OLDER KITAWELL /2 W_ OLD OR NEW (Circle one) Sinto CONTRACTOR Souther OWNER Surface TYPE OF JOB T.D. 3(ملو DEPTH 3نب CEMENT HOLE SIZE AMOUNT ORDERED CASING SIZE 85/8 3% (2% Ge **TUBING SIZE** DEPTH DEPTH DRILL PIPE DEPTH TOOL @ 16.25 3656.25 COMMON PRES. MAX MINIMUM POZMIX SHOE JOINT MEAS. LINE 15 f+ **GEL** CEMENT LEFT IN CSG @ 55.20 CHLORIDE PERFS. DISPLACEMENT 31 ASC. 0 **EQUIPMENT** @ CEMENTER Heath PUMPTRUCK @ **HELPER** 409 @ **BULK TRUCK** DRIVER 410 ര **BULK TRUCK** DRIVER HANDLING -237 @ <u>~2.</u> MILEAGE LUSSES (34) F.F.G. 75 TOTAL 55626. 444 REMARKS: Joints of 85/a & Landing Joint SERVICE Est Circulation with mud pump DEPTH OF JOB 225 CK & Diso 22 31 bbl of \$20 PUMP TRUCK CHARGE 1125,00 238.00 EXTRA FOOTAGE 6 34 @ 7.00 MILEAGE @ MANIFOLD **@** CHARGETO: HOB Petroleum Corp TOTAL # STREET __ ZIP___ STATE ___ PLUG & FLOAT EQUIPMENT @ @ To Allied Cementing Co., 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 TOTAL _ done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any). TERMS AND CONDITIONS" listed on the reverse side.

747974 7/2548

IF PAID IN 30 DAYS

TOTAL CHARGES

DISCOUNT -

PRINTED NAME Robert STEVENSON

ALLIED CEMENTING CO., LLC. 038313

| REMITTO P.O. BOX 31 | SER | VICE POINT: |
|--|--|--|
| RUSSELL, KANSAS 67665 | | |
| DATE 0-9-201 SEC. TWP. RANGE CALL | LED OUT ON LOCATION | 10B START LOB FINISH 10:30 Am 1:30 M COUNTY STATE |
| 4 DEA KIAK WELLS 15 LOCATION ZURICH K | s, 2W2s &w 48 | ROOKS LANSAS |
| OLD OR NEW (Circle one) | | J |
| | OWNER | |
| TYPE OF 10B (RODULT) STRING (D-V) HOLE SIZE 7 7/2 TD 3860 8TD | CEMENT | |
| CASING SIZE 5 12 DEPTH 3879' | AMOUNT ORDERED 1253 | Com 1025out 22geL |
| THIRDING SIZE LOCK II DN. Play C DEPTH 3868 | 350 sxly7e - Wt. 100 sx 40 48601 | |
| TOOL DY TOOL OF DEPTH 1668 FT | · | |
| PRES. MAX Jan # MINIMUM/SCO# | | 0 16,25 3,006,25 |
| MEAS, LINE SHOE JOINT 11 | | @ 8,56 340,01 @ 21.25 106,25 |
| CENTEST INCOME. | OEL <u>\$</u> CHLORIDE | |
| | ASC | |
| EQUIPMENT. | | @ <u>/Y/5° 57075</u> ~ |
| · · · · · · · · · · · · · · · · · · · | FloSal 87# | @ 3.7238.90 |
| PUMPTRUCK CEMENTER GILLAN | | @ |
| 4 409 HELPER TODO | | |
| BULK TRUCK # 378 DRIVER MARK | | |
| BULK TRUCK | | · · · · · · · · · · · · · · · · · · · |
| | HANDLING 590 | @ <u>2.25 /722.54</u> |
| 48) IL KAUTH W. GB. | MILEAGE MISSEL | |
| REMARKS: | | TOTAL 167536.0 |
| Roug Irs. 56 15 4 15 5 50 50 50 50 50 3879 | CIPIL | |
| Recieved Cocyletion Circulate HR Mid | 2FK | VICE |
| Recieves Ciocurtion Circumsta HR Mid 55 31 Scavenges 125 51 Com 102514 22641. | | VICE . |
| Recieves Cocurrion Circultio HR. Mid 55 st Scavenges, 125 sx Com. 1025 st 22 Get. Charling Displace 924 cap/long Charle 1500#1 | DEPTH OF JOB | |
| Recieved Cocultains. Circulta HR. Mid 55 31 Scayinges 125 51 Com. 1825 17 25661. Chieffy Pister 924664 Love Plug & 15054. PROP Date: Offen DI BOLD 1200 T. C. Register. Mr. 250 546 17 - Wt. Disober Plug & Case DV. | DEPTH OF JOB | <i>2223;ω</i> |
| Recieved Crocultion Circultion HR agid 55 St Scayinger 125 St Com 1825 12 28 Get. Children District 924 Capt land Plage 1505 F. DROP Date: Ohn DI BOLD 1200 F. Circulter Mil 350 St Tr-Wt, Dispuse Plag & Chee DV. | DEPTH OF JOB | #2235,w @ |
| Recieved Cocultains. Circulta HR. Mid 55 St Scayingen 125 St Com. 1825 12 28 del. Childre Pispher 924 Cahl Love Plug & 1505 F. DROP Date: Ohn DI BOLD 1200 F. Circulare. Mix 350 St 12-Wt, Dispher Plug & Chee DV. TOOL @ 2000 F. Coment Circulated 20 200 Rothale TO Sup Foce. | DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 3Y MANIEOLD | @ |
| Recieved Coccultains. Circultia HR. Mid 55-31 Scavenges 125-5xCom. 1025-14, 126et. Chertine Displace 924084/ Land Phase 5207#, DROP DAK. ORN DI BOLE 1200#, Circulate. Mx 350-5xLir-wt, Displace Plug + Chee D.V. TOOL @ 2000#. Coment Cidentatel 30-2x@ Rathale TO Sup Foce. | DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 3Y MANIEOLD | @ |
| Recieved Coccultains. Circultia HR. Mid 55-31 Scavenges 125-5xCom. 1025-14, 126et. Chertine Displace 924084/ Land Phase 5207#, DROP DAK. ORN DI BOLE 1200#, Circulate. Mx 350-5xLir-wt, Displace Plug + Chee D.V. TOOL @ 2000#. Coment Cidentatel 30-2x@ Rathale TO Sup Foce. | DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 3Y MANIEOLD | @ 2225;w @ 7;&u 234,&u @ |
| Recieved Crocultain Circultia HR Mid 55 31 SCAYINGER 125 SXCOM 1825-14 28Gel. Charling Displace 924024/Long Plage 1500#. PROP DEAT. ORA DI TOLO 1200# Circulare. Mi 350 sxlite-yet, Displace Plug 4 Che D.V. TOOL @ 2000# Coment Circulated 30 9x@ Rathale TO SUAFOCE. CHARGE TO: H&B POTROLEUM CORP. | DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 3Y MANIEOLD | @ |
| Recieved Crocultain Circultia HR Mid 55 31 SCAYINGER 125 SXCOM MISSIF 28Gel. Charling Displace 924024/Long Plage 1500#. PROP DEAT. ORA DI TOLE 1200#. CRUSTE. MAI 350 SXL TR-WY, Displace Plug 4 CASE D.V. TOOL @ 2000#. Coment Circulates 30 9XP. Rathale TO SUAFOCE. CHARGE TO: HEB POTROLEUM CORP. STREET. | DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 3Y MANIEOLD | @ 2225;w @ 7;&u 234,&u @ |
| Recieved Cocultain Circultia HR agid 55 31 Scayingeo 125 5xCom 1825 12 Scal. Challul Pisphie 924 Cahl Lond Pluge 1505 #. DROP Date: Off DI Bole 1200 #. Circultre MAX 350 5xLire-Wt, Disphie Plug & Chee DV, TOOL @ 2000 #F. Coment Circulties CHARGE TO: HEB Petroleum CORP, STREET CITY STATE 71P | DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 3Y MANIFOLD. | @ 2225;w @ 7;&u 234,&u @ |
| Recieved Crocultion Circultia HR Mid 55 31 SCAYINGED 125 SXCOM INSELT 28GeL. Challul Displice 924GeA/ Long Pluge 1505#. DROP DEAT. ORA DI FOLD 1200# Circultor MAI 350 SXLTR-WI, Displice Plug of Chos D.V. TOOL @ 2000# Coment Circultor 30 9XG Rethole TO SURFOCE. CHARGE TO: HEB PETROLEUM CORP, STREET CITY STATE ZIP V Coment D'D CIRCULATE | DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 3Y MANIFOLD. ZUA 3P PLUG & FLO | ### ################################## |
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| Recieved Cocultain Circultion HR agid 55 31 SCAYUNGER 125 ST.Com . 125 ST. 22 Get. 55 31 SCAYUNGER 125 ST.Com . 125 ST. 22 Get. Charling pipes 924 Capt town Plug e Statt. DROP Date Often DE BOLD 1200 TH Circulate MAX 350 SANTE WHY, Displace Plug & Case D.V. TOOL @ 2000 TH. Coment Circulated 30 SAN Rethale TO SURFOCE. CHARGE TO: HEB POTROLEUM CORP, STREET CITY STATE ZIP Y Coment D'D CIRCULATE SO SA COMENT IN PIT. TO Allied Cenuenting Co., LLC. | DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MILEAGE MANIFOLD ZUA 39 PLUG & FLO Floa & Share A The Day Hay 1200 | ### ################################## |
| Recieved Cocultain Circultie HR agid 55 31 Scavenges 125 5x1Com 125 5x1 5x1 5x1 5x2 5x1 | PLUG & FLO Flood Show ATTH Days Hoge ATTH Days Hoge B Baskets ACCUSTOR B CONTRALIZORS ACCUSTOR B CONTRALIZORS SOLATER S | ### 2025; W ################################### |
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| Recieved Cocultain Circulties HR and ST SC SCAVERGE 125 Section 12 | PLUG & FLO Floo + Sho & A Centraling Isay A Cent | ### ################################## |