Kansas Corporation Commission Oil & Gas Conservation Division



WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License # 06926 | API No. 15 - 097-21667-00-00 |
|---|---|
| Name: Advantage Resources, Inc. | Spot Description: |
| Address 1: 1775 Sherman Street Suite 1700 | NW _SE _SW Sec. 25 _ Twp. 28 _S. R17 East |
| Address 2: | |
| City: Denver State: CO Zip: 80203 + | 1600 Feet from East / West Line of Section |
| Contact Person: Louis C. Bortz | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (303) 831-1912 | □NE □NW □SE ☑SW |
| CONTRACTOR: License # 5893 | County: Kiowa |
| Name: Pratt Well Service | Lease Name: Aaron and Bobi Sue Cross Well #: 1 |
| Wellsite Geologist: Louis C. Bortz | Field Name: Wildcat |
| Purchaser: NA | Producing Formation: NA |
| Designate Type of Completion: | Elevation: Ground: 2156 Kelly Bushing: 2163 |
| New WellRe-EntryWorkover | Total Depth: 1077 Plug Back Total Depth: |
| , —— | Amount of Surface Pipe Set and Cemented at: Feet |
| Oil SWD SIOW SIGW SIGW | |
| CM (Coal Bed Methane) Temp. Abd. | Multiple Stage Cementing Collar Used? ☐ Yes ☑ No |
| ✓ Dry ✓ Other Strat Test | If yes, show depth set:Feet |
| (Core, WSW, Expl., Cathodic, etc.) | If Alternate II completion, cement circulated from: |
| If Workover/Re-entry: Old Well Info as follows: | feet depth to:w/sx cmt. |
| Operator: | Drilling Fluid Management Plan |
| Well Name: | (Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth: | Chloride content: Unknown ppm Fluid volume: 640 bbls |
| Deepening Re-perf Conv. to Enhr Conv. to SWD | Dewatering method used: Evaporation |
| Plug Back:Plug Back Total Depth | Location of fluid disposal if hauled offsite: |
| Commingled Docket No.: | |
| Dual Completion Docket No.: | Operator Name: |
| Other (SWD or Enhr.?) Docket No.: | Lease Name: License No.: |
| 2/26/10 3/6/10 3/9/10 | Quarter Sec. Twp. S. R. East West |
| Spud Date or Pate Reached TD Completion Date or Recompletion Date Recompletion Date | County: Docket No.: |
| Kansas 67202, within 120 days of the spud date, recompletion, workover or co | |
| All requirements of the statutes, rules and regulations promulgated to regulate the are complete and correct to the best of my knowledge. | he oil and gas industry have been fully complied with and the statements herein |
| Signature: January 1505 | KCC Office Use ONLY |
| Title freschent Date: 0/3/10 | Letter of Confidentiality Received |
| Subscribed and sworn to before me this 3 day of 1 | , If Denied, Yes Date: |
| 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Wireline Log Received DECEIVE |
| Jennifer A. Lop Notary Publi | 562 |
| Notary Public: State of Colore | UIC Distribution JUN 1 2 7 |
| Date Commission Expires: MY COMMISSION EXPIRE | S4/8/12 AH 1 - Dlg - 6/14/10 |
| | WICH WICH |

Side Two

| Operator Name: Advantage Resources, Inc. | | | | Lease Name: Aaron and Bobi Sue Cross Well #: 1 | | | | | | |
|---|---|---------------------------------------|--|--|--------------------|-------------------|---------------|---|----------------|---------------|
| Sec. 25 Twp. 28 | S. R. <u>17</u> | ☐ Eas | t 🗹 West | Count | y: Kiow | а | | | | |
| INSTRUCTIONS: Show time tool open and close recovery, and flow rates surveyed. Attach final gr | ed, flowing and shu if gas to surface te | t-in press st, along | sures, whether sl | hut-in pres | ssure rea | ched static level | , hydrostatic | pressures, bottom h | nole tempe | rature, fluid |
| Drill Stem Tests Taken (Attach Additional She | eets) | | ∕es ☑ No | | ✓L | og Formatio | n (Top), Dep | oth and Datum | ☐ Sa | ample |
| Samples Sent to Geolog | jical Survey | | ∕es ☑ No | | Nam Blain | nme ine (base) | | Тор 452 | Datum +1711 | |
| Cores Taken | | | Yes No | | Stone Corral (top) | | | | +1 | +1097 |
| List All E. Logs Run: Gamma Ray | | | | | | | | | | |
| | | | CASING | | Ne | _ | | | | |
| Purpose of String | Size Hole | Si | ort all strings set-coze Casing | We | ight | Setting | Туре о | | | nd Percent |
| Surface | Drilled 8" | 6" | et (In O.D.) | Lbs. | / Ft. | Depth 200 | Grout Cemer | 180 | Add | ditives |
| | | | | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | ADDITIONAL | CEMENTI | NG / SQL | JEEZE RECORD | | | | |
| Purpose: —— Perforate —— Protect Casing —— Plug Back TD | Depth Top Bottom | Тур | e of Cement | #Sacks | Used | | Туре | and Percent Additives | | |
| Plug Off Zone | | | | | | | | | | |
| Shots Per Foot | | | RD - Bridge Plugs Each Interval Perfo | | | | | ement Squeeze Record of Material Used) | d | Depth |
| | | | | | , | | | | | |
| | | | | | | | | RECEIV | | |
| | | | | | | | | JUN 0.7 | 2010 | |
| | | - | | | | | | JUN 0.7 | HITA | |
| TUBING RECORD: | Size: | Set At | | Packer A | ıt: | Liner Run: | Yes [| No | | |
| Date of First, Resumed Pro | duction, SWD or Enh | nr. | Producing Metho | od: | Flowing | Pumpir | ng 🔲 G | as Lift Othe | er (Explain) | |
| Estimated Production Per 24 Hours | Oil E | Bbls. | Gas M | Mcf | Wate | er BI | bls. | Gas-Oil Ratio | | Gravity |
| DISPOSITION | OF GAS: | _ _ | M | ETHOD OF | COMPLE | TION: | | PRODUCTIO | N INTERVA | L: |
| Vented Sold | Used on Lease | | Open Hole | Perf. [| Dually | Comp. Con | nmingled | | | |

| • | ALI | _1 | CEIVI | | IIIIG | CO., L | LC. | 041476 |
|-------------------------|------------|-------------|-----------------------|--|---|---------------|------------------|---------------|
| REMIT TO P.O. B RUSS | | NSAS 676 | 55 | | | SER | VICE POINT: | relodects |
| DATE 63 59/0 | SEC. | TWP. | RANGE | CA | LLED OUT | ON LOCATION | JOB START | JOB FINISH |
| Have be d | WELL# | | LOCATION H | ve la | 1 KS, 100 | 35,1/2 w. | COUNTY | STATE /C > |
| OLD OR NEW (Cir | cle one) | | Whats | | | | | |
| CONTRACTOR | P. H. | w/s | | | OWNER | Pratt Well | Sendice | |
| TYPE OF JOB P_i | uc, to | Allandon | April 25 | • | | | | |
| HOLE SIZE 47/ | <u> </u> | T.D | | <u>.</u> . | CEMENT | | e di Constantina | |
| CASING SIZE 4 | ** | DE | TH 200 | | | DERED 26 () s | x 60:40. | 47sgel |
| TUBING SIZE | 1 11 1 1 4 | DEI | PTH. | <u> </u> | - Usec | 1125 5% | · | *. |
| DRILL PIPE 3 1/9 | | DEI | <u> 275 / 275 PTH</u> | • • | 1 <u> 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</u> | <u> </u> | · . | |
| TOOL | . : | DEI | TH | | | | | |
| PRES. MAX 900 | | MIN | NIMUM | <u> </u> | COMMON | arth pr | | 1. |
| MEAS. LINE | | SHO | DE JOINT 1/19 | <u>. </u> | POZMIX | | | |
| CEMENT LEFT IN | CSG. | N/H | | <u> </u> | GEL | | _ @ | |
| PERFS. | | | | <u> </u> | CHLORIDE _ | | @ | |
| DISPLACEMENT | FRESA | (HV) | | | ASC | | _ @ | |
| • | | IPMENT | | | | • | @ | |
| | LQC | AR MARKET | | | | | @ | RECEIVED |

| | <u> Paragonal de la companya de la com</u> | | @ @ | | - KECEIVED |
|----------------|--|--|---------|---|------------------|
| PUMP TRUCK | CEMENTER D. Fel., | | @ @ | | JUN 0 7 2010 |
| #352 | HELPER M Coley | | @ | | JUIN 11 / - ZUIU |
| BULK TRUCK | | | | 200 | KCC WICHITA |
| # 364 | DRIVER Q. Gilley | | | *************************************** | - VUCTION |
| BÚLK TRUCK | I | | | | - |
| # | DRIVER | HANDLING | @ | ••• | |
| | ranger (n. 1907). Stopensteren (n. 1918). Agent in principal stopens (n. 1918). En la companya (n. 1918). | MILEAGE | | | |
| | REMARKS: | man, and a second secon | | TOTAL | |
| Doull Pipe | at 1075, Load Hole w/ 9 B6/s | | | | 1 |
| Free St. HB, M | 11x 30sx 60:40 coment Black | | SERVICE | <i>;</i> ** | |
| Disp. W/ 43/9 | BALL FRESHHO, Daill & pe at To | S | | | |
| Load Hole W/ | 2 B61s Fraish, Mix 305x 60.40 | DEPTH OF JOB | 75 | | 4 |
| Consumt Disa | w/ 2 B615 Fresh H3. Drill Pipe | PUMP TRUCK CHAR | GE | | |
| at 2251/2 | sal Hole of 4 B615 Fresh, Mix 50 | SÆXTRA FOOTAGE | @ | | |
| 60:40 con as | + topped of w//5' xx 60.40 | c-MILEAGE 25 | @ | sy ka jeja | 100 |

To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment

STREET_

TOTAL

PLUG & FLOAT EQUIPMENT



FINAL DISP. PRESS:

CEMENTING LOG

STAGE NO

| Date | 15 | Cementing & Ac | idizing Services | il be | 21.11 | | ement data: | * * 1 | |
|--|--------------------|--|---|--|--|----------------|------------------------------|--|--------------|
| | Date <u>O 5 0명</u> | 10 District | Medila | dee 8) Ti | cket No. 414 | <u>//-</u> Sr | * * | | |
| Complete State State | | | (1.1 | | - / / | <u>=-6</u> A | mt Sks Yield | ft 3/sk Density | PPG |
| Company A 12 (If the control of the | | | tu/e | | 1. (| - | | | |
| Ant. Six Yeld | | | ® 1 ₹ . | | | | | - 60 40 | : 40% |
| Ami. Sis Yield | 1 / . | rix ville, s | 28 1 CM 3 5 | 77 W Fie | eld | , Lt | :AD: Pump Time | hrs. Type | 1 10 |
| Surface Colors | | | | | | · | 1 | // // | / ppc |
| Size | | | | | | | one troid | it / ok Donok / | • • • |
| Ann. So Yold 11/36 Density PPG | 31/ | | | | | ner 🗆 🏻 1A | ALL: Pump Time | ,, | |
| WATER Lead G T gels/sk Total Bibs | Size | Түре | vveig | jnt <u></u> | Collar | | Cha Viold | , | DDC |
| Casing Depths Top Bottom Pump Trucks Used 350 But Equip. 364 But Equip. Manufacturer Shoe: Typo Depth | | | | | | | | | |
| Casing Depths: Top Bettirm Bettirm Bottom To // Do n Hote Size 4/76 TD // Do n Hote Size 4/76 Bottom | · | | | | | | ATEN. Lead yais/ | | DDI3. |
| Dril Poes Size Weight Collars Open Holes Size 776 TD /D 1r PB to / 275 T | C D T- | - 100 | 77 | Rottom | والمستود والمراز الأجام الأسمار | Pr | imo Trucks Used 35- |) | |
| Drill Pipes Size | Casing Depths. 10 | JP | | · · | žh. | | 7 | 64 | 7 * *** |
| Open Holes Size 476 | | | | | | | | , i | |
| Open Holes Size 476 | ************* | | | | | | • | | |
| PRESENTATIVE Dec Depth | Drill Pine: Size | | Weight | | Collars | | <u>.</u> | | |
| Shore Type | • | A Brown P | _ | | | ft. Fl | oat Equip: Manufacturer | | |
| Depth Dept | | 8 - | 1.0.7_22 | 11. | | | | . Depth | |
| Controller: Bbs/Lin. 1t. Co. 79 Lin. 1t. /Bbl. Stage Collens Stage C | | | | Lin. ft./B | 3bl | | • • | | |
| Drill Pipe Blos / Lin. tr. 2079 2 Lin. tr. / Blos Stage Collers Special February Special Feb | J | | | | | _ | | Plugs TopBtm | |
| Annulus: Blob. Lin. 11. 2012 Lin. 11. 7861. Special Equip. Blob. Lin. 11. 2015 Lin. 11. 7861. Disp. Fluid Type Fru. 5. H. 70 Amit. Blob. Weight PPC Muld Type Muld Type Weight PPC COMPANY, REPRESENTATIVE OBE BLOO. IT TIME PRESSURES PSI FLUID PUMPED DATA AM/PM DRILL IPPE ANNULUS TOTAL Pumped Pumped Blob Min. CASING: ANNULUS TOTAL Pumped Plot Blob Min. There Period Blob Min. There P | • | | | | | | tage Collars | | |
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| Perforations From | Aimulus. | | | | | | isp. Fluid Type Free 5 h H ? | Amt Bbls. Weight | PPG |
| TIME | Parforations: E | | | | | | | | |
| Time | renorations. r | 10111 | | | | | | | |
| AM/PM DRILL PIPE ANNULUS FUND Purped Per Time Period Bib Min. Dal! Pipe at 10.75! 100 | COMPANY REPR | ESENTATIVE | obe Bi | callt | | | CEMENTER D Fel. | 2 | |
| 200 9 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 | | | | TOTAL | | RATE | | REMARKS | |
| 900 9 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 | AM/PM | CASING | ANNOLOS | FLUID | Time Period | BDIS IVIIN. | 7 11 0 · I | 1075 | |
| Sold 7/6 2/6 Mix 30 sr 60 40 censent 200 4 3/4 3 Disp w/ Fresh 1/0 | | | | | | 1// | | 11) 13 | |
| 203 4 1/4 3 Dall Property 125 300 2 3 Ind Hule 203 7/4 3 Dall Property 60:40 and 725 100 2/4 3 Dall Property 60:40 and 70 500 4 3 Property Hule 200 12/4 3 Mix 50 sx 60:40 cenat 2 top off W/15, 5x 60:40 cenat RECEIVED UN 07 200 KGC-WICHITA | , <u>".</u> | 900 | | | | 7/1 | 1000 17018 | 244 (04000 4 | |
| Dall Por at 725' 300 2 3 1/2d Hale 200 7/4 3 | - <u> </u> | | | | | 3/- | 7/1, x 3 | Fresh den | |
| 200 7/4 3 Dull 1 se et 225' 500 4 3 Pend Hole 200 12/4 3 Mix 50 sx 6040 cement 2 top off W/15 sx 60.40 cement RECEIVED WIN 07 2010 KCC WICHITA | | 200 | | 4 3/4 | | <u> </u> | Last ! | if ay ingin a | |
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| SOO | | | | 2/ | | | 72 | is a wiffre h HD | |
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| 501) 4 3 100 140 12/2 3 12/2 | | ļ | | <u> </u> | 1 | | Dull Pine of | 225' | |
| 2 +00 off W/15 5x 60.40 cement. RECEIVED UN 0.7 2010 KCC WICHITA | | · | | 11 | | 3 | Kood | Hole | |
| 2 + 10 p o FF W/15 5 x 60.40 cement RECEIVED WIN 0.7 2010 KCC WICHITA | | | | 12% | | 1 3 | m, | x 50 sx 6040 cen | ·cat |
| RECEIVED JUN 0.7 201C KCC WICHITA | | 4 00 | | 10/2 | 1 | t - | | and the state of t | |
| RECEIVED JUN 07 201C KGC WICHITA | | | | | | 2 | top of W/ | 15 5x 60:40 ce | 12 12 11 Jun |
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| LUN 0.7 201C KCC WICHITA | | | | | | | | : | |
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| | | | | | | | | | |

*P.O. Box 847 Pratt, Kansas 67124

(620) 672-2616 office (620) 672-6356 fax



Steven E. Ezell Special Projects Manager & Sales Representative

(620) 770-1404 mobile stevee@prattwell.com

Advantage Resources Inc. 1775 Sherman St, Suite 1700 Denver, Co 80203 Attn: Lou Bortz

Ref. Haviland Ks test hole

Mr. Bortz here is the information that you were asking for on the reserve pit and grout volume on the six inch pvc.

Reserve Pit - 20 ft. wide X 30 ft. long X 6 ft. deep 3,600 cu.ft. or 640 bbls.

Chloride content – Unknown I have asked and no one thought to take any samples of the water for the chlorides.

Bentonite grout volume behind the six inch pvc casing – 125 cu. Ft. or 180 fifty lb. bags

Reguards

Steven Ezell

Special Projects Manager

RECEIVED
JUN 0 7 2010

Licensed & Certified Personnel



303.831.1912

Fax: 303.832.6048

Geological Wellsite Report

Well Name: Aaron and Bobi Sue Cross

API: 15-097-21667-00-00

Location:

NW SE SW

Section 25 T28N-R17W

Kiowa Co., KS

This shallow well was drilled to determine if the Texas Co. core hole was drilled in the SW/4 of Section 25-T28S-R17W in 1947. Apparently, the Texas Co. Well was not at this location based on the fact that the Stone Corral top on the Cross #1 was about 30 feet structurally low to the Texas Co. core hole.

No samples were collected or saved on this well.

Log Tops:

Baine (base) 452'

+1711

Stone Corral (top) 1067

+1096

This well was drilled to a TD of 1077 feet and plugged and abandoned on March 9, 2010.

Louis C. Bortz

Geologist

RECEIVED JUN 07 2019

KCC WICHITA