Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL

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 # 34349 | API No. 15 |
|---|--|
| Name: Pharyn Resources, LLC | Spot Description: |
| Address 1:15621 W 87TH ST | NW_SW_SE_NW Sec. 30 Twp. 20 S. R. 22 FEast West |
| Address 2: STE 262 | 3,080 Feet from North / South Line of Section |
| City: Lenexa State: KS Zip: 66219 + | 3,866 Feet from Feet from Section |
| Contact Person: Phil Frick | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (913) 221-5987 | NE NW SE SW |
| | County: Linn |
| CONTRACTOR: License # 32079 RECEIVED Name: John E. Leis | - |
| DEL E | Lease Name: Brownrigg Well #: 77 Field Name: Goodrich-Parker |
| Wellsite Geologist: None Purchaser: Coffeyville Resources KCC WICHITA | Producing Formation: _Squirrel |
| | Elevation: Ground: 915 est Kelly Bushing: NA |
| Designate Type of Completion: | Total Depth: 601.0 Plug Back Total Depth: 597.0 |
| ✓ New Well Re-Entry Workover | , - |
| Oil WSW SWD SIOW | Amount of Surface Pipe Set and Cemented at: 21.0' Feet |
| ☐ Gas ☐ D&A ☑ ENHR ☐ SIGW | Multiple Stage Cementing Collar Used? ☐ Yes ☑ No |
| GSW Temp. Abd. | If yes, show depth set: Feet |
| CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): | If Alternate II completion, cement circulated from: 597.0 |
| If Workover/Re-entry: Old Well Info as follows: | feet depth to: surface w/ 70 sx cmt. |
| Operator: | |
| Well Name: | Drilling Fluid Management Plan |
| Original Comp. Date: Original Total Depth: | (Data must be collected from the Reserve Pit) |
| Deepening Re-perf. Conv. to ENHR Conv. to SWD | Chloride content: ppm Fluid volume: bbls |
| Conv. to GSW | Dewatering method used: |
| 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 #: | Quarter Sec. Twp. S. R. East West |
| ENHR Permit #: | |
| GSW Permit #: | County: Permit #: |
| | |
| Spud Date or Date Reached TD Completion Date or Recompletion Date | |
| INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover or copy of side two of this form will be held confidential for a period of 12 months if requiality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for | onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information uested in writing and submitted with the form (see rule 82-3-107 for confiden- Il report shall be attached with this form. ALL CEMENTING TICKETS MUST |
| | |
| AFFIDAVIT | KCC Office Use ONLY |
| I am the affiant and I hereby certify that all requirements of the statutes, rules and r lations promulgated to regulate the oil and gas industry have been fully complied | |
| and the statements herein are complete and correct to the best of my knowledg | je. Date: |
| No | Confidential Release Date: |
| Signature: Living (m. | Geologist Report Received |

UIC Distribution

Date: 12/6/10

Title: Agent

| Operator Name: Pharyn Resources, LLC | | | Lease I | Lease Name: Brownrigg | | | _ Well #:77 | | , | |
|---|--|--|--------------------------|--------------------------|-----------------------------------|---|--|---------------|--------------------|--|
| Sec. 30 Twp.20 S. R. 22 | | | County | : Linn | | | | | | |
| time tool open and clo | osed, flowing and shu es if gas to surface to | nd base of formations per ut-in pressures, whether s est, along with final charte I well site report. | shut-in press | sure rea | ched static level | , hydrostatic pres | sures, bottom | hole temp | erature, fluid | |
| Drill Stem Tests Taken Yes V No (Attach Additional Sheets) | | VL | | Log Formation (Top), Dep | | oth and Datum | | Sample | | |
| Samples Sent to Geo | logical Survey | Yes No | | Name Squirrel | | | Top 531.0 | Datum +384 | | |
| Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy) | | Yes No Yes No Yes No | ✓ Yes | | RECEIVED DEC 2 3 2010 | | | | | |
| List All E. Logs Run: Gamma Ray/N | Neutron/CCL | | | | K | CC WICH | ITA | | | |
| | | | RECORD | No | _ | ion oto | | | | |
| Purpose of String | Size Hole Drilled | Report all strings set- Size Casing Set (In O.D.) | Weig Lbs./ | ght | Setting Depth | Type of Cement | # Sacks Used | | and Percent | |
| Surface | 9 7/8" | 7" | NA | | 21.0' | Portland | 8 | NA | | |
| Production | 5 5/8" | 2 7/8" | NA | | 597.0' | 50/50 Poz | 70 | See Se | See Service Ticket | |
| | | | | | | | | | | |
| _ | | ADDITIONA | L CEMENTIN | NG / SQI | JEEZE RECORD | ww | | | | |
| Purpose: Perforate | Depth Top Bottom | Type of Cement | Type of Cement # Sacks I | | s Used Type and Percent Additives | | | | | |
| Protect Casing Plug Back TD | | | | | | | | | | |
| Plug Off Zone | | | | | | | | | | |
| Shots Per Foot | | ION RECORD - Bridge Plu Footage of Each Interval Pe | | | | cture, Shot, Cemen mount and Kind of M | | rd | Depth | |
| 2 spf | 531.0-536.0 - 11 | perfs - 2" DML RTG | | | | | | | | |
| 2 spf | 545.0-552.0 - 15 | perfs - 2" DML RTG | | | | **** | | | | |
| - | | | | | | | | - | | |
| | | | | | | | white the second se | | | |
| TUBING RECORD: | Size: | Set At: | Packer A | t: | Liner Run: | Yes No |) | | | |
| Date of First, Resumed Pending Permit | Production, SWD or Ef | NHR. Producing Met | thod: | g [| Gas Lift (| Other (Explain) | | | | |
| Estimated Production Per 24 Hours | Oil NA | Bbls. Gas NA | Mcf | Wat | ter E | Bbls. | Gas-Oil Ratio | | Gravity | |
| _ | | | METUODO | 001/2/ | FTION | | PROPUST | ION INTER | | |
| DISPOSITI Vented Sold | ON OF GAS: | Onen Hala | METHOD OF Perf. | Duall | y Comp. 🔲 Co | mmingled | PRODUCTI | ION INTER | .vAL. | |
| | bmit ACO-18.) | Other (Specify) | | (Submit | ACO-5) (Sub | omit ACO-4) | | | | |



LEIS OIL SERVICES

111 East Mary • Yates Center, Kansas 66783 • (620) 625-3676



| Operator License #: 34349 | API #: 15-107-24208-00-00 |
|--|------------------------------------|
| Operator: Pharyn Resources, LLC. | Lease: Brownrigg |
| Address: 15621 87 th Lenexa, KS | Well #: 77 |
| Phone: 913-669-2235 | Spud Date: 08/04/10 |
| Contractor License: 32079 | Location: NW-SW-SE-NW of 30-20-22E |
| T.D.: 601 T.D. of Pipe: 597 | 2975 Feet From South |
| Surface Pipe Size: 7" Depth: 21' | 3795 Feet From East |
| Kind of Well: Oil | County: Linn |

Set 21' of 7" surface casing, cemented to surface with 8sx Portland Cement

LOG

| Thickness | Strata | From | То | Thickness | Strata | From | То |
|-----------|-------------|------|-----|-----------|--------------------|--------------------|---|
| 8 | Soil | 0 | 8 | 51 | Shale | 464 | 515 |
| 4 | Clay | 8 | 12 | 9 | Oil Sand- good bld | 515 | 524 |
| 2 | Gravel | 12 | 14 | 3 | Shale w/ Sand | 524 | 527 |
| 10 | Shale | 14 | 24 | 6 | Oil Sand- good bld | 527 | 533 |
| 14 | Lime | 24 | 38 | 8 | Shale w/ sand | 533 | 541 |
| 4 | Shale | 38 | 42 | 10 | Oil Sand- good bld | 541 | 551 |
| 34 | Lime | 42 | 76 | 50 | Shale | 551 | 601 |
| 4 | Shale | 76 | 80 | | . 175 | | |
| 2 | Black Shale | 80 | 82 | | Dr | 1 | |
| 21 | Lime | 82 | 103 | | 75. | EIVED | |
| 7 | Shale | 103 | 110 | | DEC | 2 3 2046 | 1 |
| 18 | Lime | 110 | 128 | | - VIII | C - ZUII | |
| 166 | Shale | 128 | 294 | | KCC I | 2 3 2010 VICHIT | Α |
| 12 | Lime | 294 | 306 | | | ¥16[7] | 4 |
| 2 | Shale | 306 | 308 | | | | |
| 10 | Lime | 308 | 318 | | | | *************************************** |
| 54 | Shale | 318 | 372 | | T.D. of Pipe | | 597 |
| 8 | Lime | 372 | 380 | | T.D. | | 601 |
| 7 | Shale | 380 | 387 | | | | |
| 2 | Lime | 387 | 389 | | | | |
| 9 | Shale | 389 | 398 | | 71 | | |
| 3 | Lime | 398 | 401 | | | | |
| 30 | Shale | 401 | 431 | | | | · · · · · · · · · · · · · · · · · · · |
| 9 | Lime | 431 | 440 | | | | |
| 15 | Shale | 440 | 455 | | | | |
| 1 | Lime | 455 | 456 | | | | |
| 3 | Shale | 456 | 459 | | | | |
| 2 | Lime | 459 | 461 | | | | |
| 3 | Black Shale | 461 | 464 | | | | |





TICKET NUMBER_LOCATION Office,

DATE

AUTHORIZTION

| | or 800-467-867 CUSTOMER# | WELL NAME & N | CEME | SECTION | TOWNSHIP | RANGE | COUNTY |
|--------------|-----------------------------|------------------|---------------------------------------|---|---------------------------------------|-----------------|--|
| DATE | | | | | | 22 | |
| liolio | 6337 | Brownrigg | #77 | NW 30 | 20 | | LN |
| JSTOMER > | harun Re | Borres | | TRUCK# | DRIVER | TRUCK# | DRIVER |
| AILING ADDRE | 282 | | | 389 | Casken | ck | |
| 15621 | W. 8746 | Ste 262 | | 368 | Ken Haan | KH | 997 |
| TY | | STATE ZIP CODE | | 510 | DesMes | DM | ALC: T |
| 1 enexa | | KS 6621 | 6 | 505-TOCE | Cec Par | CHP | |
| B TYPE OA | astrina | HOLE SIZE 55/8" | HOLE DEPT | 4 | CASING SIZE & V | VEIGHT 27/8 | " EUE |
| ASING DEPTH | ره سهدست ل | DRILL PIPE | TUBING | | | OTHER | |
| LURRY WEIGH | | SLURRY VOL | WATER gal | /sk | CEMENT LEFT in | CASING 2 - 2 | 5" robber |
| | 3-47 bbls | | MIX PSI | | RATE 4 | bpm | |
| EMARKS: Le | / A 1 | | lished cic | colotidas. | mixed + | somped to | o# Prem |
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| sel toll | 2 Premior | ~ Gel & G# Ph | eno seal | | | orface , f | |
| up cle | | | | s to casin | | 3.47 bb/s | $ \sim$ |
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| ACCOUNT | QUANIT | Y or UNITS | DESCRIPTION | of SERVICES or PR | ODUCT | UNIT PRICE | TOTAL |
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| 5407A | 117 | | or mileage | 2 . | | | 141.12 |
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| | <u> </u> | | | | le.3% | SALES TAX | 49.08 |
| rin 3737 | | | | | | ESTIMATED TOTAL | 20061 |

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

TITLE_