

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  
Name: Pharyn Resources, LLC  
Address 1: 15621 W 87TH ST  
Address 2: STE 262  
City: Lenexa State: KS Zip: 66219 + \_\_\_\_\_  
Contact Person: Phil Frick  
Phone: ( 913 ) 221-5987

CONTRACTOR: License # 32079  
Name: John E. Leis  
Wellsite Geologist: None  
Purchaser: Coffeyville Resources

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SIOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

7/12/2010    7/12/2010    7/12/2010  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 107-24185-0000

Spot Description: \_\_\_\_\_  
SE NW SW NW Sec. 30 Twp. 20 S. R. 22  East  West  
3,531 Feet from  North /  South Line of Section  
4,690 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW

County: Linn

Lease Name: Brownrigg Well #: 54

Field Name: Goodrich-Parker

Producing Formation: Squirrel

Elevation: Ground: 923 est Kelly Bushing: NA

Total Depth: 596.0' Plug Back Total Depth: 593.0'

Amount of Surface Pipe Set and Cemented at: 22.0 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: 593.0

feet depth to: surface w/ 76 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**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.

Signature: Phil Frick

Title: Agent Date: 12/10/10

**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: Dg Date: 1/4/11

Operator Name: Pharyn Resources, LLC Lease Name: Brownrigg Well #: 54

Sec. 30 Twp. 20 S. R. 22  East  West County: Linn

**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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No

Electric Log Submitted Electronically  Yes  No  
 (If no, Submit Copy)

Log Formation (Top), Depth and Datum  Sample

| Name     | Top   | Datum |
|----------|-------|-------|
| Squirrel | 526.0 | +397  |

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List All E. Logs Run:  
**Gamma Ray/Neutron/CCL**

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface   | 9 7/8"            | 7"                        | NA                | 22.0'         | Portland       | 8            | NA                         |
| Production  | 5 5/8"            | 2 7/8"                    | NA                | 593.0'        | 50/50 Poz      | 76           | See Service Ticket         |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |              |                            |
|--|------------------|----------------|--------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone |                  |                |              |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth    |
|----------------|---|---|----------|
| 2 spf          | 526.0-534.0 - 17 perfs - 2" DML RTG   | Spot 75 gallons 15% HCL acid  | At Perfs |
| 2 spf          | 553.0-563.0 - 21 perfs - 2" DML RTG   | 120 bbls City H2O   | "        |
|                |   | 300# 20/40 Brady Sand   | "        |
|                |   | 3200# 12/20 Brady Sand  | "        |

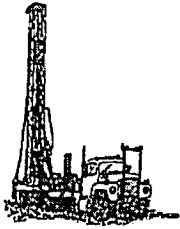
TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. 8/5/10

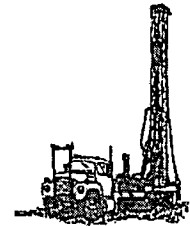
Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
|                                   | 1.0       | NA      | NA          |               |         |

|  |  |  |
|--|--|--|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br>(If vented, Submit ACO-18.) | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br>(Submit ACO-5) (Submit ACO-4)<br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|--|--|--|



# LEIS OIL SERVICES



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

|   |  |
|---|--|
| Operator License #: 34349                     | API #: 15-107-24185-00-00                    |
| Operator: Phayrn Resources, LLC.              | Lease: Brownrigg                             |
| Address: 15621 W. 87 <sup>th</sup> Lenexa, KS | Well #: 54                                   |
| Phone: 913-669-2253                           | Spud Date: 07/12/10      Completed: 07/12/10 |
| Contractor License: 32079                     | Location: SW-NE-SW-NW of 30-20-22E           |
| T.D. : 596      T.D. of Pipe: 593             | 3470      Feet From      South               |
| Surface Pipe Size: 7"      Depth: 22'         | 4630      Feet From      East                |
| Kind of Well: Oil                             | County: Linn                                 |

Set 22' of 7" surface casing, cemented to surface with 8sx Portland Cement

## LOG

| Thickness | Strata | From | To  | Thickness | Strata      | From | To  |
|-----------|--------|------|-----|-----------|-------------|------|-----|
| 6         | Soil   | 0    | 6   | 21        | Shale       | 450  | 471 |
| 7         | Clay   | 6    | 13  | 4         | Lime        | 471  | 475 |
| 2         | Gravel | 13   | 15  | 51        | Shale       | 475  | 526 |
| 24        | Shale  | 15   | 39  | 18        | Oil Sand    | 526  | 544 |
| 6         | Lime   | 39   | 45  | 6         | Shale       | 544  | 550 |
| 7         | Shale  | 45   | 52  | 11        | Oil Sand    | 550  | 561 |
| 38        | Lime   | 52   | 90  | 10        | Broken Sand | 561  | 571 |
| 5         | Shale  | 90   | 95  | 9         | Shale       | 571  | 580 |
| 2         | Lime   | 95   | 97  | 3         | Lime        | 580  | 583 |
| 1         | Shale  | 97   | 98  | 13        | Shale       | 583  | 596 |
| 23        | Lime   | 98   | 121 |           |             |      |     |
| 4         | Shale  | 121  | 125 |           |             |      |     |
| 2         | Lime   | 125  | 127 |           |             |      |     |
| 4         | Shale  | 127  | 131 |           |             |      |     |
| 7         | Lime   | 131  | 138 |           |             |      |     |
| 1         | Shale  | 138  | 139 |           |             |      |     |
| 4         | Lime   | 139  | 143 |           |             |      |     |
| 161       | Shale  | 143  | 304 |           |             |      |     |
| 11        | Lime   | 304  | 315 |           |             |      |     |
| 6         | Shale  | 315  | 321 |           |             |      |     |
| 11        | Lime   | 321  | 332 |           |             |      |     |
| 53        | Shale  | 332  | 385 |           |             |      |     |
| 9         | Lime   | 385  | 394 |           |             |      |     |
| 6         | Shale  | 394  | 400 |           |             |      |     |
| 2         | Lime   | 400  | 402 |           |             |      |     |
| 9         | Shale  | 402  | 411 |           |             |      |     |
| 2         | Lime   | 411  | 413 |           |             |      |     |
| 30        | Shale  | 413  | 443 |           |             |      |     |
| 7         | Lime   | 443  | 450 |           |             |      |     |

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T.D.

596

T.D. of Pipe

593



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 26982  
LOCATION Ottawa KS  
FOREMAN Fred Maden

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

| DATE   | CUSTOMER # | WELL NAME & NUMBER | SECTION           | TOWNSHIP | RANGE      | COUNTY |
|--|------------|--------------------|-------------------|----------|------------|--------|
| 7/14/10  | 6337       | Brownrigg #54      | NW 30             | 20       | 22         | LN     |
| CUSTOMER<br>Pharyn Resources LLC                       |            |                    |                   |          |            |        |
| MAILING ADDRESS<br>15621 W 87 <sup>th</sup> St Ste 262 |            |                    |                   |          |            |        |
| CITY<br>Lenexa   |            | STATE<br>KS        | ZIP CODE<br>66219 |          |            |        |
|  |            |                    | TRUCK #           | DRIVER   | TRUCK #    | DRIVER |
|  |            |                    | 506               | Fred     | Safety Mtg |        |
|  |            |                    | 368               | Ken      | KM         |        |
|  |            |                    | 503               | Cecil    |            |        |
|  |            |                    | 505/7106          | Arlan    |            |        |

JOB TYPE Logging HOLE SIZE 5 7/8 HOLE DEPTH 596 CASING SIZE & WEIGHT \_\_\_\_\_  
CASING DEPTH 593 DRILL PIPE \_\_\_\_\_ TUBING 2 7/8" FVE OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" Plug  
DISPLACEMENT 3.438L DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 43 BPM

REMARKS: Establish Circulation. Mix + Pump 100# Premium Gel Flush  
Mix + Pump 76 SKS 50/50 Poz Mix Cement 2% Gel +  
1/2" Pheno Seal per sack. Cement to Surface. Flush pump  
+ lines clean. Displaced 2-2 1/2" Rubber plugs to casing TD w/  
3.4 BBL Fresh water. Pressure to 700# PSI. Release Pressure  
to set float valve. Shut in casing

J. Hols Drilling. Fred Maden

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL             |
|--------------|-------------------|------------------------------------|------------|-------------------|
| 5401         | 1                 | PUMP CHARGE <u>Cement Pump</u>     |            | 925 <sup>00</sup> |
| 5406         | 35 mi.            | MILEAGE <u>Pump Truck</u>          |            | 127 <sup>75</sup> |
| 5402         | 593               | Casing Footage                     |            | N/C               |
| 5407A        | 108.78            | Ton Miles                          |            | 130 <sup>54</sup> |
| 5501C        | 1 1/2 hr          | Transport                          |            | 168 <sup>00</sup> |
| 1124         | 74 SKS            | 50/50 Poz Mix Cement               |            | 728 <sup>16</sup> |
| 1118B        | 228#              | Premium Gel                        |            | 45 <sup>60</sup>  |
| 1107A        | 38#               | Pheno Seal                         |            | 43 <sup>70</sup>  |
| 4402         | 2                 | 2 1/2" Rubber Plugs                |            | 46 <sup>00</sup>  |
|              |                   |                                    |            | RECEIVED          |
|              |                   |                                    |            | DEC 23 2010       |
|              |                   |                                    |            | KCC WICHITA       |
|              |                   |                                    |            | WO 235255         |
|              |                   |                                    |            | 6.3%              |
|              |                   |                                    |            | SALES TAX         |
|              |                   |                                    |            | ESTIMATED         |
|              |                   |                                    |            | TOTAL             |
|              |                   |                                    |            | 54.39             |
|              |                   |                                    |            | 226914            |

Rowin 3737 AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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.