

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1164102

Form ACO-1 August 2013 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: | SecTwpS. R |
| Address 2: | Feet from |
| City: State: Zip:+ | Feet from _ East / _ West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | □NE □NW □SE □SW |
| CONTRACTOR: License # | GPS Location: Lat:, Long: |
| Name: | (e.g. xx.xxxxxx) (e.gxxx.xxxxxxx) |
| Wellsite Geologist: | Datum: NAD27 NAD83 WGS84 |
| Purchaser: | County: |
| Designate Type of Completion: | Lease Name: Well #: |
| ☐ New Well ☐ Re-Entry ☐ Workover | Field Name: |
| □ Oil □ WSW □ SHOW □ 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: | Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet |
| Operator: | If Alternate II completion, cement circulated from: |
| Well Name: | feet depth to:w/sx cmt. |
| Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer Commingled Permit #: Dual Completion Permit #: SWD Permit #: | 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: |
| ☐ ENHR Permit #: ☐ GSW Permit #: | Operator Name: |
| GSW Permit #: | Lease Name: License #: |
| Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date | Quarter Sec. Twp. S. R. East West County: Permit #: |

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

Page Two



Operator Name: Lease Name: _ _ Well #: _ County: _ INSTRUCTIONS: Show important tops 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. Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF). **Drill Stem Tests Taken** No Loa Formation (Top), Depth and Datum Sample | Yes (Attach Additional Sheets) Name Top Datum No Samples Sent to Geological Survey Yes ☐ No Yes
 Yes
 ■
 Yes
 ■
 Yes
 ■
 Nes
 Nes Cores Taken Electric Log Run ___ Yes No List All E. Logs Run: CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting Type of # Sacks Type and Percent Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip questions 2 and 3) No Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes (If No, skip question 3) Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? (If No, fill out Page Three of the ACO-1) Yes PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated Depth (Amount and Kind of Material Used) TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain) **Estimated Production** Oil Bbls Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours METHOD OF COMPLETION: **DISPOSITION OF GAS:** PRODUCTION INTERVAL: Open Hole Perf. Dually Comp. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | Unit Petroleum Company |
| Well Name | Loudenback 7 #1H |
| Doc ID | 1164102 |

All Electric Logs Run

| Density | |
|--------------|--|
| Micro | |
| Inducton (2) | |
| Porosity | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | Unit Petroleum Company |
| Well Name | Loudenback 7 #1H |
| Doc ID | 1164102 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|-----|----------------------------------|
| Surface | 28 | 16 | 65 | 145 | | 120 | 2% cc |
| Intermedia te | 12.25 | 9.625 | 36 | 1515 | А | 570 | 2% cc 1/4" celloflake |
| Production | 8.75 | 7 | 26 | 4319 | А | 180 | 2% cc 1/4# celloflake |
| Liner | 6.125 | 4.50 | 11.6 | 8728 | Prem H | 500 | 2% cc 1/4# celloflake |

Sections 7 & 18, T 25 S, R 10 W., Reno County, Kansas. R 10 W N 89°08'53" E 2636' N 89°10'14" E 2590' N: 1760327 E: 1320415 Terminus Point Terminus Point "Loudenback 7 #1H" Unit Petroleum Co. 37'53'46.561" N (37.89627') NAD 83 98"27"24.558" W (-98.45682') NAD 83 Kansas South State Plane Y=1760061 (NAD 83) X=1324792 (NAD 83) ≥ N 00°17"30" S 89°19'43" W 5246' T 25 S N: 1757765 E: 1325654 Point of Penetration "Loudenback 7 #1H" N: 1757703 E: 1320409 Unit Petroleum Co. Unit Petroleum Co. 37*53'04.120" N (37.88448') NAD 83 98*27'24.310" W (-98.45675') NAD 83 Kansas South State Plane Y=1755766 (NAD 83) X=1324814 (NAD 83) S 00°17'30" E 2639' 850 N 00°13'53" W S 89°29'49" W 5266 150'850' N: 1755126 E: 1325668 N: 1755080 E: 1320402 Surface Hole Location Stake "Loudenback 7 #1H" N 00°09'03" Unit Petroleum Co. Unit Petroleum Co. 37*52*56.21** N (37.88228*) NAD 83 98*27*24.274** W (-98.45674*) NAD 83 Kansas South State Plane Y=1754966 (NAD 83) X=1324818 (NAD 83) 18 Elev.=1767' (NAVD 88) 1200 2400" 3600 We do hereby certify that this survey was done in accordance to records, maps and other information as provided to us by the client herein named and 48 HOURS BEFORE YOU DIG... that great care was taken in the actual staking of 1-800-344-7233 this well and the determination of any obstacles thereupon. However, the accuracy of this survey is not guaranteed and if there appears to be any discrepancy, please notify us immediately. **Description: Surface Hole Location Stake** KANSAS ONE-CALL SYSTEM "Loudenback 7 #1H" situated 150 feet Buried utilities are not necessarily wn. It is the contractor's consibility to locate and preserve from the north section line and 850 feet responsibility to lo all utility services. from the east section line of Section 18, EVISED: 06-11-2013 HANGED SURFACE HOLE TO 150' FSL T 25 S, R 10 W., Reno County, Kansas. Contractor is responsible for contactor is responsible for contacting all utility companies prior to construction. **Description: Point of Penetration** "Loudenback 7 #1H" situated 650 feet from the south section line and 850 feet Datum: NAD 83 from the east section line of Section 7, Units: US Survey Feet North: Grid T 25 S, R 10 W., Reno County, Kansas. Coordinates: State Plane **Description: Terminus Point** "Loudenback 7 #1H" situated 330 feet State: Kansas Region: South from the north section line and 850 feet from the east section line of Section 7, **LEGEND** T 25 S, R 10 W., Reno County, Kansas. SECTION LINE Survey is valid only if print has original 1/4 SECTION LINE seal and signature of surveyor present JIVIDENS LAND SURVEY CO., INC. Survey For: Unit Petroleum Co. DATE OF PLAT SCALE SHEET 1210 19TH STREET / P.O. BOX 943 250-13 05-20-2013 1"=1200" P.O. Box 2726 WOODWARD, OKLAHOMA 73802 Woodward, Oklahoma 73802 OKLA, CA #2064, EXP, 06/30/2013 KANSAS CA #143, EXP, 12/31/2014 Phone 580-256-7174 -Fax 580-256-3424 roger@jividenslandsurvey.com mike@jividenslandsurvey.com Attn: Jason Rummery



PO Box 261021 Corpus Christi, Texas 78426 (361) 767-0602 • (800) 606-GYRO • Fax (361) 767-0612

July 25, 2013

Unit Petroleum Company P O Box 702500 Tulsa, OK 74170-2500

Attn: Drilling Department

Re: Loudenback 7 1H

Please find enclosed a copy of the survey from 0' to 3,860' ran on the above referenced well.

If I can be of any further service, please do not hesitate to call me at 800-606-4976.

Sincerely,

Keith Havelka Operations



Company: Unit Petroleum Lease/Well: Loudenback/7 1H

Rig Name: Unit 331

State/County: Kansas/ Reno Latitude: 37.882, Longitude: -98.457

GRID North is 0.030 Degrees East of True North

VS-Azi: 0.000 Degrees

Depth Reference: RKB = 14'

DRILLOG HA GYRO SURVEY CALCULATIONS
Filename: hagyro-de_02.ut
Minimum Curvature Method
Report Date/Time: 7/25/2013 / 16:02

Vaughn Energy Services Woodward, OK 580-254-5000

Surveyor: Charles Hines Loudenback 7 1H / API 15-155-21662

| Dogleg Severity | Deg/100 | | K K K | 1.137 | 0.366 | 0.392 | 0.311 | 0 | 0.237 | 0.151 | 0.155 | 0.161 | 0.176 | | 0.428 | 0.198 | 0 385 | 0.223 | 0.285 | - | 0.274 | 0.211 | 0.098 | 0.194 |
|-------------------------|---|--|--|---|--|--|--|--|--|--|---|---|---|--|--|--|---|---|--|---|----------|--|--|--|
| Closure Direction | Deg | 0 | 0.000 | 73.810 | 72.319 | 71.314 | 72.086 | 74 600 | 14.000 | 76.585 | 78.061 | 79.228 | 79.251 | | 78.366 | 76.337 | 74.694 | 74.771 | 74.578 | 700 87 | 14.231 | 74.250 | 73.313 | 73.030 |
| Closure Distance | FT | 000 | 0.000 | 0.992 | 3.285 | 5.546 | 7.245 | 00 | 0.00 | 80/8 | 10.860 | 11.953 | 12.992 | | 13.558 | 13.842 | 13.971 | 13.712 | 13.274 | 12 874 | 1.0.7 | 12.596 | 12.461 | 12.359 |
| Vertical | E | 000 0 | 0.00 | 0.277 | 0.888 | 1.777 | 2.228 | 2 279 | 7300 | 7.507 | 2.247 | 2.234 | 2.423 | į | 2.734 | 3.270 | 3.688 | 3.602 | 3.530 | 3 484 | | 3.419 | 3.578 | 3.607 |
| +E/-W | FT | 0000 | 0 963 | 0.00 | 051.5 | 5.254 | 6.893 | 8.275 | 9 503 | 3 | 10.625 | 11.742 | 12.764 | | 13.279 | 13,451 | 13.476 | 13.231 | 12.796 | 12.393 | | 12.123 | 11.936 | 11.821 |
| 8-/N+ | - | 0.000 | 0.277 | 8660 | 0.000 | 1.777 | 2.228 | 2.279 | 2.267 | | 7.241 | 2.234 | 2.423 | 762.0 | 2.734 | 3.270 | 3.688 | 3.602 | 3.530 | 3.484 | 0 77 0 | 5.419 | 3.578 | 3.607 |
| TVD | | 0.000 | 66.66 | 199 967 | 200000 | 289.841 | 399.927 | 499.917 | 599,909 | 600 003 | 508:800 | 799.897 | 899.891 | 000 000 | 699.666 | 1099.888 | 1199.887 | 1299.886 | 1399.885 | 1499.884 | 1500 004 | 1000.000 | 1699.883 | 1799.883 |
| Drift Direction | S S S S S S S S S S S S S S S S S S S | 0.000 | 73.810 | 70.046 | 802 08 | 09.090 | 81.033 | 95.846 | 84.811 | 97 754 | 1 | 84.046 | 73.771 | 21 808 | | 15.574 | 311.429 | 228.507 | 286.687 | 227.973 | 204 354 | - 60 | 330.720 | 220.294 |
| Incl Angle Deg | 2 | 0.000 | 1.137 | 1.493 | 1 101 | 0 0 | 760.0 | 0.740 | 0.674 | 0.621 | 000 | 0.008 | 0.528 | 0.225 | | 0.420 | 0.113 | 0.262 | 0.316 | 0.213 | 0.166 | 00.40 | 0.130 | 0.105 |
| Measured Depth FT | | 0.000 | 100.000 | 200.000 | 300.000 | 400 000 | | 200.000 | 000.009 | 700.000 | 800 000 | 900.000 | 900.000 | 1000.000 | 7000 | 1200.000 | 1200.000 | 1300.000 | 1400.000 | 1500.000 | 1600.000 | 1700 000 | 1800.000 | 1000.000 |
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Drift Purity Pur |

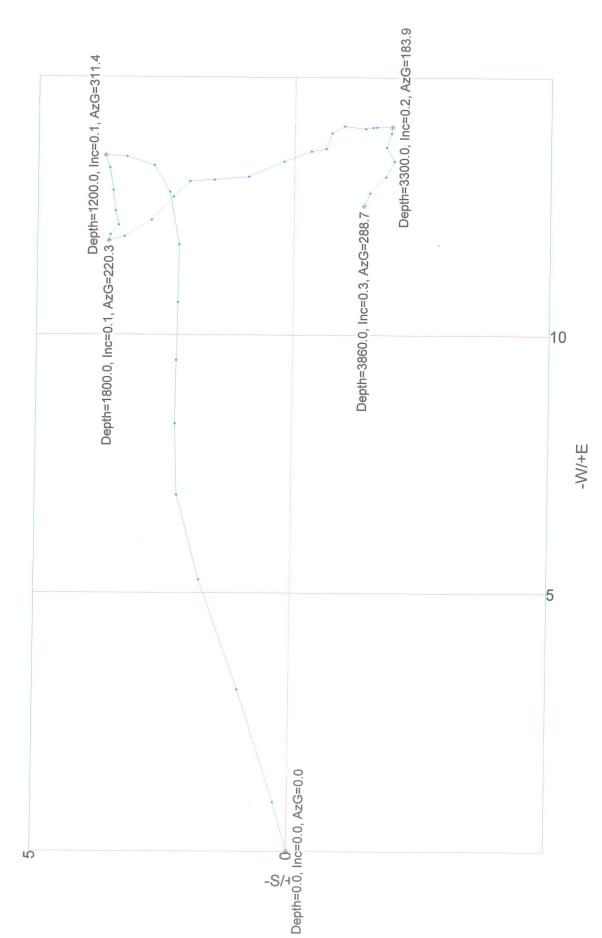
Page 1 of 2 VES Survey Date: 07/21/2013

| Measured Depth FT | Incl Angle Deg | Drift Direction Dea | QVT F | S-/N+ | +E/-W | Vertical Section | Closure Distance | Closure Direction | Dogleg Severity |
|--|--|---------------------------|----------|-------------|---------|---------------------|---------------------|----------------------|--------------------|
| AND THE PROPERTY OF THE PROPER | PARTY OF THE PARTY | | | | | <u> </u> | | Deg | Deg/100 |
| 1900.000 | 0.313 | 149.656 | 1899.883 | 3.301 | 11.900 | 3.301 | 12.349 | 74.494 | 0.295 |
| 2000.000 | 0.390 | 147.230 | 1999.881 | 2.779 | 49 999 | 6 | 6 6 | : | |
| 2100.000 | 0.344 | 117,700 | 2000 870 | > c | 16.666. | 6.113 | 12.534 | 77.190 | 0.079 |
| 2200 000 | 0 208 | 9 00 00 | 0.000 | 7.333 | 12.672 | 2.353 | 12.889 | 79.481 | 0.192 |
| 2200 000 | 004.0 | 103.603 | 2188.878 | 2.035 | 12.973 | 2.035 | 13.131 | 81,086 | 0.270 |
| 2400.000 | 0.339 | 180.148 | 2299.877 | 1.560 | 13.006 | 1.560 | 13.099 | 83.160 | 24.0 |
| Z400.000 | 0.430 | 170.941 | 2399.874 | 0.894 | 13.064 | 0.894 | 13.095 | 86.087 | . o 5.0 6.0 |
| 2500.000 | 0.456 | 143.015 | 2499,872 | 0.205 | 43 | i. | 4 | | |
| 2600.000 | 0.248 | 191,204 | 2599 870 | 201.0 | 0.000 | 0.702 | 13.364 | 89.120 | 0.215 |
| 2700.000 | 0 138 | 428 0.4E | 0.00000 | -0.323 | 13.560 | -0.325 | 13.564 | 91.374 | 0.345 |
| 2800 000 | 2.0 | 140.04-0 | 2022,802 | -0.612 | 13.613 | -0.612 | 13.627 | 92.572 | 0.223 |
| 200.000 | 3 C. C. | 100.417 | 2799.869 | -0.724 | 13.917 | -0.724 | 13.936 | 92.979 | 2 2 2 |
| 200.000 | 767.0 | 199.332 | 2899.868 | -0.975 | 14.052 | -0.975 | 14.086 | 93.967 | 0.381 |
| 3000.000 | 0.224 | 174 532 | 2000 000 | 4 | • | | | | |
| 3100.000 | 0.054 | 240 505 | 700.000 | -1.380 | 14.006 | -1.380 | 14.074 | 95.628 | 0.120 |
| 3200.000 | 0.001 | 046.000 440.000 | 3099.867 | -1.530 | 14.027 | -1.530 | 14.110 | 96.225 | 0.275 |
| 3300 000 | 7 7 | 102.039 | 3199.867 | -1.603 | 14.034 | -1.603 | 14.125 | 96.514 | 0.185 |
| 2400.000 | 0.51 | 418.00 | 3299.867 | -1.903 | 14.037 | -1.903 | 14.165 | 97.719 | 0.08% |
| 000.00 | 707.0 | 330.552 | 3399.866 | -1.888 | 13.912 | -1.888 | 14.039 | 97.727 | 0.453 |
| 3500.000 | 0.216 | 236.208 | 3499.866 | -1 794 | 12 612 | 7 | | ; | |
| 3600.000 | 0.146 | 245 702 | 3500 005 | | 2000 | -1.734 | 13.760 | 97.490 | 0.352 |
| 3700 000 | 9000 | 4 5 5 6 6 | 2233.002 | G P - | 13.370 | -1.951 | 13.511 | 98.302 | 0.076 |
| 00000 | 0.000 | 519.657 | 3699.864 | -1.787 | 13.070 | -1.787 | 13.192 | 97 787 | C C |
| 3800.000 | 0.185 | 304.929 | 3799.863 | -1.479 | 12.754 | -1 479 | 42.840 | 20.00 | 0.317 |
| 3860.000 | 0.346 | 288.744 | 3859.863 | 1365 | 40 FOS | | 14.040 | 30.014 | 0.153 |
| | | | | - | 6.500 | -1.365 | 12.578 | 96.231 | 0.293 |
| | | | | | | | | | |



Vaughn Energy Services
Woodward, OK
580-254-5000
Surveyor: Charles Hines
Loudenback 7 1H / API 15-155-21662





VES Survey Date: 07/21/2013



| | $\mathcal{S}\mathcal{F}^{\mathcal{S}}$ | ÇÇÎ | | S, 2.7 | 44 | 1 30 | ولداراته ي | and the same of the | 4. 14. 44. 17. 17. 17. 17. 17. 17. 17. 17. 17. 17 | | | | | 1 |
|--------------------------|--|-----------------------|---------------------------------------|-----------|-----------------|--|---|---------------------|---|--------------------------|-------------|---|--|--|
| Fustomer (| Init P | 041 | ole | UM | ease No | | | | | Date | Q_{\perp} | 2-1 | | 2 |
| Lease | uden | bac | h (| 7 | Well # <u>1</u> | 1 | | | | | () |) 1 | | <u>) </u> |
| Field Order | # Static | in P | latt | tans | <u>as</u> | | Dasing | 1.6Lb. | 8. (28) | County ~e↑ | Reno | | tate Tansa | <u>as</u> |
| Type Job | N.W | - = | 34 | B'Lin | er | | · · · · · · · · · · · · · · · · · · · | Formation |) | | Legal De | Scription 10 | W | |
| PIP | E DATA | · | PER | FORATING | PAJA | 1 | FRUID | JSED | | TF | REATMENT | RESUME | | |
| Casing Size | Tubing S | ize | Shots/l | Ft 50 |)05a | A | Premi | MCeMei | twith | RATE- J | PRESS . | ISIP | · r25 | 3 Defe |
| Depth | Depth | 4 | From | То | 18FM | P | e Pard | ontrol = | Max 950 | ilt : | R | 5 Min. | | |
| Volume | Volume ! | | From | То | الرجادي يقاله | R | 图, 至一多方 | ol Gal. | 19.43G | al.15 | F. 1.242 | U. F. /S | (| ###################################### |
| Max Press | Max Pres | SS / | From | То | | 程度 | BIC | , | Avg | | , | 15 Min. | | |
| Well Connecti | on Annulus | Vol. | From | То | | | | | HHP Used | | | Annulus Pres | sure | |
| Plug Depth | Packer D | epth | From | То | | | 1shq7.7 | B61:28 | Gas Volum | | | Total Load | | |
| Customer Re | presentative | -av | 14 | | Station | n Mar | nager Tel | in Go | rdley | Treate | Vence R. | Messia | tr | · . |
| Service Units | 37,216 | 33,7 | 108 | 20,920 | 7099 | A | 19918 | 19,926 | 19,860 | / | | | | |
| Driver Names (| MHONE | 3 / | <u>Nel</u> | 50N | Pi | er | son | Jon | e5 | | | | | <u> </u> |
| Time/1./n | Casing Pressure | | bing ssure | Bbls. Pun | nped | A grant | Rate | | | | Service Log | | 1.00 | |
| 11:30 | | | | | | <u>le</u> | wonloc | ation a | ind hold | 1 5a | foty. | | * | |
| 12:00 | | | | | | -11 | er in We | lland st | ait to | <u>υλ 3</u> | 12 Drill | Pipe. | 1. | |
| | | | · · · · · · · · · · · · · · · · · · · | | | | | Liner | to T.D | Circ | -vlatewi | thrig | | |
| 3:45 | | 6,0 | 00 | , | and the second | aleita aide aide | | Hook up | nto we | 11. Pre | essure Te | 51 Open | well | |
| 3:49 | 500 | | ga- | 1 | 'e: | | 5_ | Start | MudF | Tush. | | 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 12- Acres 20-246 | |
| | • | : | - Albert | 12 | * . | • • | | | , | | 1 Spacer | | | <u> </u> |
| 3:53 | 1,000 | , | (F | 1 | | | 5 | Starf 1 | Mixing | 300 S | | iium Com | | |
| The second of the second | Com Service | in the second | respect For | 1 | To the same | on all the | Carl Barre Tar | Stap Pl | in ding | Shull | With the to | ash pums | The second second | |
| | | , | 1 | | | | | WITHSU | / 17. | | | Il Pipe plu | 7 1 | <u>n Well</u> |
| 4 17 | 500. | | | | | | 7 | | | | | acement | - | |
| | | | | 10 |) | | <u>.) </u> | | -64 | . 1 | StaceMen | <u>14 </u> | | |
| 4.23 | | | + + √2 - 1, | _d 3 | | | | Land [| | | | | 18 18 15 | Add the |
| | 1,100 | | · | | | | | Skear! | +12: 111. | er Pl | Ug. | | | |
| 429 | 1,500 | (f. 1137) | | 07 | - | sal ju | | Start | 1 D Tine | 210.104° | splace Me | ni. | | |
| 440 | 1,000 = 1 | | | | | | , et jesen | Plug di | | 1, 1, 1 | 3 | | | |
| | 2 <i>00</i> 5 | 1. 水子 寒水子 | | | | <u>. 1 1</u> 1 | | Pressu | | *#3* | | Tight. | | |
| 234 | | | | | | je se | | | | | No retu | * // * · | ari viti. Marijana | |
| | | es inglis Politica | | | | | | Pul Dril | | | | | | |
| 5:15 | 1 | | | | | <u>* , , , , , , , , , , , , , , , , , , ,</u> | | Washi | 1 1 | 5 2 A | <u>r.</u> | ten et e | The state of the s | |
| 5:00 | | | | | | vivi - vinouri | | Job C | f. | > | | | | <u> </u> |
| | <u> </u> | | | ! | | | | Thank ! | A | 1. 1.2 | | | | |
| i | | | | | | | | Larence | 2, 10e.D | INATE | W. Jesse | | | |



| Customer | NITE | ETROLE | EUM | Le | ease No | | | | | , | Date | | • | | | | |
|-----------------|----------------------|--------------------|----------|------------|----------|---------|--|---------|-----------------|---------------|----------------------|--------|-------------|------------------|----------|----------|-----|
| Lease // | UDEN | BACK | 1 | W | 'ell # | - | 114 | 7 | | | 7 | - 6 | 27 | / — _C | 20 | 13 | |
| Field Order | Station | PRA | TI, Ks. | | | | Casing | // D | epth | ١ . | County | Ĺ | ZEND | | Sta | KS | |
| Type Job | CNW- | | AMERI | MET | DIATE | - | | Forme | ation | 4320 | | | Legal De | scription | 5- | 1000 |) |
| PIPI | E DATA | | RFORATI | | * | | FLUID | | | | Т | REA | TMENT F | RESUMI | = | | |
| Casing Size | Tubing Si | ze Shots | /Ft | ni | デ | Ag | OSKS. 1 | AA-a | 2 | | RATE | PRE | SS | ISIP | | | |
| Depth 323 | Depth | From | | To | | Pro | | 43evi | | Max . | | | | 5 Min. | , s | | |
| Volume BBL | Volume | From | | То | 1 1 1 | Pa | | 1 1 3 1 | 4.53 | Min | | | | 10 Min. | | | |
| Max Press | Max Pres | | | То | | Fra | ac | | | Avg | | | | 15 Min. | • | | |
| Well Connection | on Annulus \ | /ol. From | | То | | and the | | | | HHP Used | | | | Annulus | Press | ıre | |
| Plug Depth/ | Packer De | epth From | | То | | Flu | ish 165 | BBL | | Gas Volun | ne | | | Total Loa | ad | | |
| Customer Rep | presentative | LARRU | 1 | | Statio | n Mar | nager K. | GORD | LE | 5 | Treat | er . K | 1. LESO | ELL | ž, | U (K) | • . |
| Service Units | 37586 | 19889 | 1984 | 13 | 1990 | 03 | 13748 | | | | | | | Υ_ | 1.5 | | |
| Driver Names | LESLEY | MARQUE | 7 | _ | KUEN | IN | And the second s | ANDU | 1 | DNES | | | | | | | |
| Time | . Casing Pressure | Tubing Pressure | Bbls. | Pump | ped | | Rate | | | | | | ce Log | | | | |
| 1:30PM | 1-26- | 2013 | | | | | 1.4 | ON | 16 | OCATTO | DNJ - | | FETY | | 770 | 19 | k . |
| 11:45 PM | | | | | | 14 | | 1-100 | NK ! | UP TO | | | # CSC | 7. | | N | |
| ٠ ٦: | | | | | | | , | BRE | AK | CIRC | · W/ | RIC | 9 | | | -:- | |
| 2:25 AM | 7-27-6 | 1013 | | 5 | | | 6 | 1-100 | 2 | HHEA. | <u> </u> | | | | | | |
| 12:38AM | 500 | | | 2 | - | | 6 | 1110 | 17 | FLUS | H | | | | | 5, - | |
| 12:40Am | 500 | , | | 5_ | | | 6 | 1-100 |) \ | DPACE | R | 10 | | 15- | Dr | 1/2 | 7 |
| 12:43A | n 400 | | 4 | 6 | н - | - | (0 | MIX | 18 | OSKS | . HA | 1-d | 1 | 15.0 | P.F | 7 | |
| 12:50Am | | | | | | | 1 | (Ct | Ak | 2 POM | hel | INE | | ZOP 1 | 20 | 7 | |
| 12:54Am | 0 | | 7 | \geq | | | <u>lo .</u> | 51, | Alk | <u> </u> | SIL | | EMEN | 1 . | | | |
| 1:13Am | 300 | | | 15 | | | 5 | 01 | - 1 | PRE | 551 | JKC | | | | * | |
| 1:20AM | 400 | . 4 | | 5 <u>c</u> | | | 3 | 20 | $\frac{OU}{OU}$ | NKI- | HE | 111 | N | | | | |
| 1:25 Am | 1200 | + | 10 | P.E |) - | | 2 | 01 | <u>)(</u> | $\frac{1}{1}$ | $\frac{O(C)^{2}}{2}$ | A C | <u>:C13</u> | | | | |
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| | - (- : | | | • | | | | | | <u> </u> | COR | | HANK | 100 | a. | 10 | |
| * * | | * | | | _ | | | | | | | | | JEN (| FC | LEY | |
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| 10244 | NE Hiw | ay 61 • | P.O. Bo | 3 x | 3613 · | Pr | att, KS 6 | 7124-8 | 861 | 3 • (620 | 672 | -120 | 1 • Fax | (620) | 672 | -5383 | |



| Customer | WOIT | . 12 | ffal. | Bee | L | ease No |). | | * | | | Date | à . | 210 44 0 | | | | |
|-----------------|--|--------|------------------------|-------|-------|---------|--------|--------|--|---------|----------|--|----------|----------|--------------|---------------------------------------|-------|------------------|
| Lease | orlowh. | | - | | V | Vell#_ | 14 | | | 26.1.41 | 1 | | 07 | - 2 | 3- | 13 | | |
| Field Order | # Station | n o | RH- | 7 1 | ts | 7 11 | | Casing | 0 | | 100 | Count | Yen! | 0 | | | State | |
| Type Job | 0 604 | IPS | 76 C | t / | 141 | | | | Foi | rmatión | | | | Legal De | escription 2 | on . | 10 | |
| PIP | E DATA | | PERI | FORAT | ΓING | DATA | | FLUID | USED | | | | TREAT | MENT | RESU | ME | | |
| Casing Size | Tubing Si | ze | Shots/F | -t | | | Acid | d | | | | RATE | PRES | S | ISIP | | | |
| Depth | Depth | | From | ٨ | То | | Pre | Pad | | | Max | | | | 5 Mir | 1. | | |
| Volume | Volume | -00°18 | From | 10 T | То | - 1 - 1 | Pac | | - Y 4 | 19.7 | Min | ? | | | -10 M | | | mendatu in pl |
| Max Press | Max Pres | | From | | То | | Fra | c · . | | , | Avg | | | * | 15 M | | | |
| Well Connecti | OF THE STATE OF | | From | | То | teris! | lad. | | ملائيت | | HHP Use | | | | | lus Pre | ssure | h to 3 1 |
| Plug Depth | Packer De | epth | From | | То | | Flus | | | | Gas Volu | | | | Total | Load | | |
| Customer Re | presentative | | | | | Statio | n Mana | ager O | PUE | Scor | H | Trea | ater 206 | ent - | <u>le//1</u> | 40 | | |
| Service Units | 37900 | 33 | 708 | 209 | 20 | 2095 | | 9918 | 1982 | 26 | 19860 | | | | _ | | - | |
| Driver Names | Casing | | <u>7-e/ho</u> ubing | RD. | | Ph | VE | | Laa | PRA | C | | | | | | | |
| Time | Pressure | | essure | Bbls | . Pur | ped | | Rate | - | , | • | 0 | Service | Log | | | | - |
| 7.49 | A NATIONAL AND ADDRESS OF THE PARTY OF THE P | | | | | • | | • • • | ON | luc | Sot | ty v | reet- | 7 | | • | ., | · · · · · · |
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| 9:10 | | | | | 15 | | | 4 | 14 | SPA | ACPR | | | ·: · | | ,0/ | • | |
| | 200 | | * | | | | | 5-5 | SK | mix | cont | 02 | 0. sk | coma | erne ! | 1100 | C | |
| | | | * . | . / | 30 |) | | | Cm | | 111/KA | <u>(K)</u> | | (4 | | *** | | · · |
| | | | | | - | 4 | | de for | ACT I SECTION AND ADDRESS OF | 187 | Dest | <u>) </u> | *** | | | - | - | 1 1 |
| 1 | | | | , | 7 | | • | | 10 | CPL | <u> </u> | | | | | | | |
| 9:50 | 100 | | ·. | | 3.0 | - | | | PI | MU | down |). | | | | e [#] | .1 | |
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| ×* | | | N. | 12 | | | | | | V 01 |) " WO | myse. | 7 | | | 20 | | 7 |
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|--|---------------------------|--|--|--------------|-----------|------------|------------------|-----------|---------------|---------------------------------------|
| Gustomer P | etrole | UM COM | Lease N | No. | | 1 1 | Date | -10 | 0 1 | 7 |
| Lease+ | oudenk | , | Well # | 7#1H | | | (| | 1-1 | 5 |
| Field Order | | nD . | tansas | Casingn | 361 Depth | 515Feet | County | Reno | 71 | ate 41545 |
| Type Job | | -Surf | | | Formation | | | Legal Des | acription 3 | DW . |
| PIP | E DATA | PER | FORATING/PAT | An FEOID | USED | | TREA | ATMENT F | RESUME | |
| Casing Size | Tubing Si | | | acts A. CON | cement wi | th 38Ca | ATE PRI | ioride. | ISIP IST. | cell flate |
| Depth, 515Fc | Depth | From | То | @re Pad 12.6 | Lb. 1 Gal | Max 890 | Sa 1.15 | | 5 Min 1 | sk. |
| Volume 1 B | Volume | From | То | Pad | | Min | | | 10 Min. | |
| Max Press | - No. 1 | From | TQ 45 | Sachs Com | mon Ce Me | nt with a | 285 alc | ium Chlor | 15 Min. 25L | LIST Plate |
| Well Connect | on Annulus \ | /ol. From | . To | 15,6 Lb.16 | Sal. 5.23 | HHP Used | r. 1.20 | DCV.Ft. | Annulus Press | sure |
| Plug Depth | | epth From | То | Flush 116B | bl: | Gas Volume | and the state of | | Total Load | 1 1 |
| Customer Re | presentative - A Y I V | Miller | Stat | ion Manager | in Gord | ley | Freater | ne P.A | lessich | |
| Service Units | 37216 | 77.696 | 19:905 19.8 | 131 19.862 | 19.903 | 73.768 | | | | , , |
| Driver Names M -e | | Mc | Graw | Pierson | Law | lence | | · | | h |
| Time P. N | Casing . Pressure | Tubing Pressure | Bbls. Pumped | Rate | | | Sen | vice Log | | |
| 7:00 | | | | Truckson | location | and ha | old Saf | | | |
| 8:30 | UnitD | rillinge | starttorun | Flood Shoe | and 36 To | pints ne | 1 36L | 6.1Ft. C | 7 5/8" ca | sing: |
| 11:00 | at of the second | , | | | Casinai | nwell. C | Tirevla | tefor 3 | 30 Minu | tes - |
| 11:45 | 200 | | | 5 | Start 1 | - resh v | vater | Pre-FI | ush. | · · · · |
| . 10 | 200. | 1 | 10 | . 6 | Start M | ivina 3 | 25 Sac | ks A Co | V Blende | cement. |
| 12:15 | 300 | - | 132 | 6 | Start | nixinga | 149 Sac | HSCOMA | non ceme | ent. |
| . 8 . 7 | -0- | | 184 | | Stop DI | Impina. | Shut in | well R | eleuse T | op Rubber |
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| 12:53 | 400 | | 116 | r a | Plugd | OWN.C | irculate | ed 51 Bl | ol cement t | opit. |
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| | | | | | Washi | D DUMP | truck. | | | |
| 1.45 | | | | * | Joba | onplet | 6 | | | 4 |
| | | | | | Thank | You. | | | | |
| P | | | 4. | | Claren | e Milte | Jesse | · Mitre | | • , |
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Mid-Continent Conductor, LLC

P.O. Box 1570, Woodward, OK 73802 Ph. 580-254-5400 Fax 580-254-3242

CEMENTING REPORT

| Operator: Unit Co | rporation |
|--------------------|---------------|
| Well Name: Loude | nback 7-1H |
| Legal Description: | Reno Cnty, KS |

| Cement Casing Data | | |
|--------------------|--|--|
| 6-21-13 | | |
| 28 | | |
| 16 | | |
| 145 | | |
| Common Cement | | |
| 120 | | |
| Yes | | |
| | | |

Jeff M. Owen

Mid-Continent Conductor, LLC

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

October 21, 2013

Brent Keys Unit Petroleum Company 7130 S LEWIS AVE STE 1000 TULSA, OK 74136-5492

Re: ACO1 API 15-155-21662-01-00 Loudenback 7 #1H NE/4 Sec.18-25S-10W Reno County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Brent Keys



Unit Petroleum Company Well

Location:

Loudenback 7 #1H

7-24S-9W

API No.:

1515521662

Rig:

