CONFIDENTIAL

Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL
Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| Operator: License #_33365 | API No. 15 - 205-25760 - CCC |
|--|--|
| Name: Layne Energy Operating, LLC | County: Wilson |
| Address: 1900 Shawnee Mission Parkway | NW_NE_Sec. 34 Twp. 30 S. R. 17 🗹 East 🗌 West |
| City/State/Zip: Mission Woods, KS 66205 | 380 feet from S (N)(circle one) Line of Section |
| Purchaser: | 2257 feet from E / W (circle one) Line of Section |
| Operator Contact Person: Melissa Thieme | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (913) 748-3971 | (circle one) (NE) SE NW SW |
| Contractor: Name: Mokat Drilling | Lease Name: Clampitt Well #: 2-34 |
| License: 5831 | Field Name: Neodesha |
| Wellsite Geologist: Rolland Yoakum CONFIDENT | Cherokee Coals |
| Designate Type of Completion: | Elevation: Ground: 920 Kelly Bushing: 920 |
| New Well Re-Entry Workover | Total Depth: 765 Plug Back Total Depth: 753' |
| Oil SWD SIOWTemp. Abd. | Amount of Surface Pipe Set and Cemented at 20 Feet |
| Gas ENHR SIGW | Multiple Stage Cementing Collar Used? |
| Dry Other (Core, WSW, Expl., Cathodic, etc) | If yes, show depth setFeet |
| If Workover/Re-entry: Old Well Info as follows: | If Alternate II completion, cement circulated from 761 |
| Operator: | feet depth to Surface w/ 90 sx cmt. |
| Well Name: | ACTI WAM 2-12-07 |
| Original Comp. Date: Original Total Depth: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Deepening Re-perf Conv. to Enhr./SWD | Chloride content_n/a ppm Fluid volume bbls |
| Plug BackPlug Back Total Depth | Dewatering method used_n/a air drilled |
| Commingled Docket No | |
| Dual Completion Docket No | Location of fluid disposal if hauled offsite: RECEIVED Operator Name: KANSAS CORPORATION COMMISSION |
| Other (SWD or Enhr.?) Docket No | o portator marito. |
| 4/12/04 4/13/04 4/15/04 Wait On Completion | Lease Name: License JUN 2 4 2004 |
| Spud Date or Date Reached TD Completion Date or Recompletion Date | QuarterSecTwpS. REastWest CONSERVATION DIVISION County:Docket No.: WICHITA, KS |
| INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. | or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING |
| All requirements of the statutes, rules and regulations promulgated to regulate the herein are complete and correct to the best of my knowledge. | e the oil and gas industry have been fully complied with and the statements |
| Signature: Ambhy | KCC Office Use ONLY |
| Title: Agent / Date: 6/21/04 | Letter of Confidentiality Attached |
| Subscribed and sworn to before me this also day of | If Denied, Yes Date: |
| 20 04 | |
| M M M | |
| | Geologist Report Received |
| Notary Public: MELISSA NOTARY Date Commission Expires: 0200 STATE OF | THIEME UIC Distribution |

ORIGINAL SIDE TWO

CONFIDENTIAL

| Operator Name: Layr | ie Energy Oper | aung, Li | | Leas | se Name:. | Сіатіріц | | _ Well #: 2- | 34 | |
|--|---|--------------------------|---------------------------------------|--------------------|-----------------|------------------------------------|--|---------------------------------|---------------|-------------------------|
| Sec34 Twp30 | S. R | ∠ Ea | st West | Coun | nty: Wilso | on | William Committee of the Committee of th | | | |
| INSTRUCTIONS: Sho tested, time tool open temperature, fluid reco Electric Wireline Logs | and closed, flowing overy, and flow rate | g and shu s if gas to | ut-in pressures, o surface test, a | whether along with | shut-in pr | essure reached rt(s). Attach ex | static level, hydro | static pressu | ıres. botto | m hole |
| Drill Stem Tests Taken (Attach Additional S | | <u> </u> | Yes 🔽 No | ASS. UK. 17 | V (| og Forma | FIDE Notice | nd Datum | | Sample |
| Samples Sent to Geol | ogical Survey | | Yes 🗹 No | | Nan | ne | | Тор | | Datum |
| Cores Taken Yes V No Electric Log Run V Yes No | | | Paw | nee Lime | | 520 GL 4 | | 400 | | |
| Electric Log Run (Submit Copy) | | V . | Yes No | | Exc | ello Shale | | 652 GL | 2 | 268 |
| List All E. Logs Run: | | | | Mull | ky Coal | | 657 GL | 2 | 263 | |
| Compensated Dual Induction | • | tron | | | Cro | weburg Coal | | 716 GL | 2 | 204 |
| | | Rep | CASING ort all strings set- | RECORD | home | | ction, etc. | | | |
| Purpose of String | Size Hole Drilled | | ize Casing et (In O.D.) | | eight s./Ft. | Setting Depth | Type of Cement | # Sacjs Used | | and Percent dditives |
| Surface | 11" | 8.65 | | 23 | | 20 | Class A | 8 | Туре | 1 Cemen |
| Casing | 6 3/4" | 4.5 | | 10.5 | | 761' | Thickset Cement | 90 | | |
| | | | ADDITIONAL | CEMENT | TING / SOI | UEEZE RECOR | n | | | |
| Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone | Depth Top Bottom | Тур | e of Cement | | ks Used | | | ercent Additive | 98 | |
| Shots Per Fact | | | RD - Bridge Plug Each Interval Per | | е | | acture, Shot, Cement Amount and Kind of Mat | terial Used) ECEIVE D |) | Depth |
| | | | | | | | KANSAS COR | PORATION CO N 2 4 201 | | <u>į</u> |
| | | | | | | | CONSER | IVATION DIVIS IICHITA, KS | - • | |
| TUBING RECORD | Size | Set A | t | Packer | At | Liner Run | ☐Yes ☐ No | | | |
| Date of First, Resumerd I | | | Producing Met | hod | | | | | | |
| Shut-In: Waiting | · | | | | Flowing | | ing Gas Lift | Oth | ner (Explain) | |
| Estimated Production Per 24 Hours | Oil | Bbls. | Gas | Mof | Wate | er (| Bbls. Ga | as-Oil Ratio | | Gravity |
| Disposition of Gas | METHOD OF (| OMPLETIO | ON | | | Production Inte | rval | | | |
| Vented Sold (If vented, Subn | Used on Lease | | Open Hole Other (Speci | Per | rf. 🔲 🛭 | Dually Comp. | Commingled | | | |

GEOLOGIC REPORT

CONFIDENTIAL

LAYNE ENERGY
Clampitt 2-34
NW ¼, NE ¼, 380' FNL, 2,257' FEL
Section 34-T30S-R17E
WILSON COUNTY, KANSAS



WICHITA, KS

Drilled: April 12-13, 2004 Logged: April 13, 2004 A.P.I.# 15-205-25760 Ground Elevation: 920' Depth Driller: 764' Depth Logger: 764'

Surface Casing: 8 ⁵/₈" @ 20' Production Casing: 4 ½" @ 761'

Cemented Job: Blue Star

Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

| FORMATION | TOPS (in feet belo | ow ground surface) |
|--------------------|--------------------|--|
| Kansas City Group | Surface (Dennis Li | mestone) |
| Lenapah Lime | 270 | , |
| Altamont Lime | | |
| Weiser Sand | 450 | |
| Pawnee Lime | 520 | |
| Anna Shale | 546 | |
| Peru Sandstone | 567 | |
| First Oswego Lime | 597 | |
| Little Osage Shale | 631 | |
| Excello Shale | 652 | (\$100), \$200 of \$1, \$100 \$10. Arms 100. |
| Mulky Coal | 657 | RECEIVED KANSAS CORPORATION COMMISSION |
| Iron Post Coal | | |
| "V" Shale | 713 | JUN 2 4 2004 |
| Croweburg Coal | 716 | A51/08/m 17/10 |
| | | CONSERVATION DIVISION |

BLUE STAR PO Box 103
ACID SERVICE, INC. Eureka, Kansas 67045

Cementing Ticket and Invoice Number

Nº 5436

| Date | Customer Order No. Se | el Terp. | Range | Truck Called Out | On Location | Job Began | Job Completed |
|--|---|--|----------------|--|-------------------------|---|--|
| 4-15-04 | 4. | 16 | <u></u> | <u> 1 </u> | 9:15 Am. | 9:30 | 10:00 Am |
| Owner | - Falan | Contractor | us J | ORES | Charge 10 | Louve E | - ARKIN |
| Mailing Address | re though | City | <u> </u> | 2/142 | State | 10000 | |
| | Box 160 | | YCan | Ore- | <u>Ks.</u> | 6736 | 3 |
| Well No. & Form | Place 7 7/ | • • | | County | | State Kan | . A.C |
| Depin of Well | | / New \ Size | 442 | | 6.84 | Cemeni Left | Request |
| 764- | Depth of Job - Dissert | (Used) Weight - | 105 | Size of Hole Armt. and Kind of Cernent | | in casing by | Necessity teel |
| Kind of Job | 45Trins > PBTO | 753 T | | Ormpipe — | (| Rolary) Truck I | #/2 |
| | · · | Hemarks Sa | ely Me | eTing: Rigup | 10 41/2" casil | n break | Circulations |
| Price Reference No | | Mix 5016 | s 5-25 | Pie Clush Co | Howard with | 10Bb. Wal | |
| | 665.00 | Mixed 9 | OSKS. | | | | AL 03 /35/6 1/6AL |
| Price of Job | 663.00 | Shut do | | | ines - Releas | | |
| Second Stage | | | s water | | , at 400 RS | . , , | his to you tol |
| Mileage | 135.00 | Check | | | - close ca | singin O | <u>F3.1</u> |
| Other Charges | | <u> 600d</u> | Cemai | TETUS TO S | reference that | SHI SIL | <u>'1</u> |
| Total Charges | 800,00 | | <i></i> | | | er en | |
| | | | ···· | Tobers | plete-Tend | | |
| | Brad Butter | | _~~ | OS O COM | to the day I have heart | | |
| A. | | | | | - Light de la Carlana | 12 | |
| | - Justin- Jason | District | Ewek | | State | Kansas | |
| THE above Job was | done under supervison of the owner, opera | itor, or his agent whos | e arguature at | pears beow. | _/C | mal | Agent of contractor or operator |
| | | Thank You' | y | | | | Total of Comments of Specials |
| *** | | Sales | Ticket fo | r Materials Only | | | and the state of t |
| Quantity Sacks | | MA CHARB | D TYPE | | | PRICE | TOTAL |
| 90 | SKS. Thick SET C | emeri | | | | 10.75 | 967.50 |
| 900 | -1 . | O" P"/SK | | | | 130 | 270.00 |
| | | | | | | | |
| _50 | 165. MeTasilicate | 5:25 Pag | Yush | | | 1,00 | 50,00 |
| | | | | | | | |
| <u> </u> | 11 50 50 | # 7A | · | Par Can | | 15nn | 7/1000 |
| | Hrs. 80 Bbl. VAC | Huck " 20 | | KANSAS CORPORATIO | N COMMISSION | 20.00 | 20,00 |
| | Load City water | | | JUN 2 + | -2004 | 00.00 | 00,00 |
| ###################################### | | | w | | | | |
| 4 | Hrs. Welding Truck | , | | CONSERVATION WICHITA, I | | 45.00 | 180.00 |
| | 4/2 Weld on Col | lam | | | | 40.00 | 40.00 |
| | 41/2" TOP Rubber | | | | | 35.00 | 35.00 |
| | | | | | | | |
| | | | | 90sk+Har | iding & Dumping | ,50 | 45.00 |
| Plugs | | | | 5 Tun Mile | | 180 | 240.00 |
| | Dollared his offer of a | | | Sub | Yotal | ~~~ | 2907.50 |
| | Delivered by #29 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | . Disc | Ount | | |
| | Delivered from Eweka | | | Sale | s Tax | 6.3% | 183.11 |
| | Signature of operator Bund | 17. Al | | tole | .1 | | 3090,67 |



MORNING COMPLETION REPORT

| | : John Ed | | | Report taken k | by: Meliss | | OTE |
|------------------|--|---------------|---|----------------|------------------|---|------------------|
| EASE NAME & # | | AFE# | DATE | DAYS | DEPTI | | YPE FLUID |
| LAMPITT 2-34 | | C01026300100 | 4/12/04 | 1 | TYPE | | |
| RESENT OPERAT | ION: | | I | | | | NT |
| | | | | m under surfac | | | /IS |
| EPEST CASING | LINERS OD TOP & SHO | E DEPTH | REPAIR DOW | N TIME HRS | RIG NO | | |
| D SHOE DEPTH | 5 5/8" 24# J-55 Set 2 | n. | TEST | r PERFS | | | |
| PACKER OR ANCHOR | | OD ID | | TO | | SQUEEZED OR | PLUG BACK PERFS |
| | | | | TO | | | то |
| | | | ļ | <u>TO</u> | | | TO TO |
| | | | | TO | | ., | то |
| | BRIEF DESCRIPTION | NA OF OBERATI | <u>Lucarusaumu</u> ON | | | | ' |
| HRS | BRIEF DESCRIPTION | ON OF OPERATI | 014 | | | | |
| | | | | | | | |
| | MIRU MOKAT DRIL | LING, DRILLED | 11" HOLE, 20 | DEEP, RIH W | 1 JT 8 5/8" SURF | ACE CASING, | |
| | | | | | | | |
| | MIXED 8 SXS TYPE | 1 CEMENT, DU | MPED DN TH | IE BACKSIDE, | SDFN. | | |
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| | | | | | | CON | SERVATION DIVISI |
| | | | , | | | A A. A. B. M. A. M. A. M. A. M. A. M. | -WICHITA, KC |
| | | | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | | | | |
| DAILY COST ANA | LYSIS | | - | har ' | | | |
| | | , | | | | F RENTALS, SERVIC | ES, & MISC |
| RIG | | | | | MOKAT DRILLIN | IG @ 6.50/ft | |
| | | 41 | | 1 1 x | MOKAT (CEMEN | IT) | 80 |
| SUPERVISION | 20 | 00 | , | | DIRTWORKS (L | OC,RD, PIT) | 400 |
| SOL MICTIDIGIT | ************************************** | | | | SURFACE CASI | | 200 |
| | | | | | | | 2000 |
| RENTALS | | | | | LAND/LEGAL | | 2000 |
| | | | | | | | |
| SERVICES | 40 | 00 | | | | | |
| | | | | | | | |
| | | | | | | | |
| MISC | - 22 | 80 | | | 1 | | |
| MISC | 223 | 80 | | | | | |
| MISC | - 22 | BO | | | | | |