

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 9313
Name: James D. Lorenz
Address: 543A 22000 Road
City/State/Zip: Cherryvale, Kansas 67335-8515
Purchaser: none
Operator Contact Person: James D. Lorenz
Phone: (620) 328-4433
Contractor: Name: L & S Well Service, LLC
License: 33374
Wellsite Geologist: none

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

| | | |
|-----------------------------------|-----------------|---|
| <u>8-1-05</u> | <u>8-5-05</u> | <u>8-8-05</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 205-26130-0000
County: Wilson
NW-NW-NE Sec. 13 Twp. 30 S. R. 15 East West
4835 feet from (S) N (circle one) Line of Section
2426 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Bauman South Well #: WIW#1

Field Name: Neodesha
Producing Formation: Arbuckle
Elevation: Ground: 800' Kelly Bushing: 805'
Total Depth: 1377' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 45' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1355'
_____ feet depth to surface w/ 180 OWC sx cmt.

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KCC WICHITA
Drilling Fluid Management Plan A11 II NCR 8-14-08
(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 No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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.

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: James D. Lorenz
Title: agent Date: 08-08-05
Subscribed and sworn to before me this 8th day of August, 2005.
Notary Public: Lisa J. Lorenz
Date Commission Expires: 2-19-2008

KCC Office Use ONLY
NO Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

LISA J. LORENZ
Notary Public - State of Kansas
My Appt. Expires 2-19-2008

ORIGINAL

Operator Name: James D. Lorenz Lease Name: Bauman South Well #: WIW#1
 Sec. 13 Twp. 30 S. R. 15 East West County: Wilson

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

| | |
|--|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Drillers Log | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| 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 | 11" | 8 5/8" | 45' | 45' | Portland | 11 | none |
| Production | 6 3/4" | 4 1/2" | 1355' | 1355' | OWC | 180 | |
| | | | | | | | |

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

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|---------------|------|--------|-----------|--|
| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---------------|------|--------|-----------|--|

| | |
|---|---|
| Date of First, Resumed Production, SWD or Enhr. | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |
|---|---|

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

| | | |
|--|--|---------------------------|
| Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i> | METHOD OF COMPLETION <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____ | Production Interval _____ |
|--|--|---------------------------|

L S Well Service, LLC #33374
543-A 22000 Rd.
Cherryvale, KS 67335
620-328-4433

Bauman South WIW#1

Bauman South WIW#1
S13, T30, R15
Wilson Co., KS
API#205-26130-0000

0-3 DIRT
 3-35' CLAY
 35-40 RIVER GRAVEL
 40-80 SANDY SHALE
 80-130 SHALE
 130-140 LIME
 140-160 SHALE
 160-235 LIME
 235-269 SAND
 269-271 BLACK SHALE
 271-285 SHALE
 285-305 LIME
 305-358 SHALE
 358-365 LIME
 365-366 SHALE
 366-407 SHALE
 407-435 LIME
 435-440 SHALE
 440-457 LIME
 457-460 SHALE
 460-475 SAND
 475-512 SHALE
 512-526 SAND
 526-584 SHALE
 584-585 COAL
 585-604 LIME, PINK
 604-605 COAL
 605-648 SHALE
 648-673 LIME
 673-679 BLACK SHALE
 679-689 LIME
 689-693 BLACK SHALE
 693-698 LIME
 698-798 SHALE
 798-799 COAL
 799-860 SHALE
 860-878 SANDY SHALE
 878-887 SAND
 887-903 SHALE
 903-904 COAL
 904-928 SHALE
 928-929 COAL
 929-937 SHALE
 937-977 SANDY SHALE
 977-986 SAND
 986-990 SANDY SHALE
 990-1037 SAND
 1037-1064 SHALE

8-1-05 Drilled 11" hole and set
45' of 8 5/8" surface casing with
11 sacks Portland cement.

8-2-05 Started drilling 6 3/4" hole

8-5-05 Finished drilling to T.D.1377'

WATER @ 285'
977' OIL ON PIT WITH GOOD ODOR
WATER INCREASE 1037'

385' SLIGHT BLOW
 485' SLIGHT BLOW
 536' SLIGHT BLOW
 586' SLIGHT BLOW
 611' SLIGHT BLOW
 678' SLIGHT BLOW
 711' 1" ON 1/2" ORIFICE
 761' 1" ON 1/2" ORIFICE
 811' 1" ON 1/2" ORIFICE
 887' 1" ON 1/2" ORIFICE
 912' 1" ON 1/2" ORIFICE
 937' 1" ON 1/2" ORIFICE
 987' 1" ON 1/2" ORIFICE
 1087' LOTS OF WATER

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ORIGINAL
Bauman South WIW#1
S13, T30, R15
Wilson Co., KS
API#205-26130-0000

L S Well Service, LLC #33374
543-A 22000 Rd.
Cherryvale, KS 67335
620-328-4433

Bauman South WIW#1

1064-1065 COAL
1065-1074 SHALE
1074-1322 MISSISSIPPI
1322-1328 GREEN SHALE
1328-1338 LIME
1338-1347 SHALE
1347-1377 LIME

T.D. 1377'

S Well Service, L.L.C.# 33374
 543 22000 ROAD
 CHERRYVALE, KANSAS 67335-8515
 620-328-4433 OFFICE

ORIGINAL
 TICKET NUMBER 20050516
 LOCATION Wilson Co.
 FOREMAN BL JL KB

CEMENT TREATMENT REPORT

API # 15-205-25986-00-00

| | | | |
|---|--------------------------------|-----------------------|-------------------------|
| DATE <u>5-16-05</u> | WELL NAME <u>Eisele #12</u> | | |
| SECTION <u>35</u> | TOWNSHIP <u>29</u> | RANGE <u>15</u> | COUNTY <u>Wilson</u> |
| CUSTOMER <u>James D. Lorenz</u> | | | |
| MAILING ADDRESS <u>543A 22000 Road</u> | | | |
| CITY <u>Cherryvale</u> | | | |
| STATE <u>Kansas</u> | | ZIP CODE <u>67335</u> | |
| TIME ARRIVED ON LOCATION | | | |

| Hole | Pipe | Annual Volume in Linear Ft./Bl. |
|-----------------------|----------|---------------------------------|
| 6 3/4" | 4 1/2" | 40.5 |
| 6 1/2" | 4 1/2" | 46 |
| 6 1/4" | 2 1/2" | 33.5 |
| 5 1/4" | 2 1/2" | 53.5 |
| 5 1/4" | 2" | 47 |
| 5 1/2" | 2 1/2" | 41 |
| Tubing-Linear Ft./Bl. | | |
| 11" | 8 5/8" | 15 |
| 10" | 7" | 24 |
| 4 1/2" | 10.5 lb. | 63.1 |
| 2 1/2" | | 170 |
| 2" | | 250 |

| WELL DATA | |
|--------------------------|---------------|
| HOLE SIZE | <u>6 3/4</u> |
| TOTAL DEPTH | <u>1363'</u> |
| CASING SIZE | <u>4 1/2"</u> |
| CASING DEPTH | <u>1335'</u> |
| PACKER DEPTH | |
| WIRE LINE READING BEFORE | |
| WIRE LINE READING AFTER | |

| TYPE OF TREATMENT |
|---|
| <input type="checkbox"/> SURFACE PIPE |
| <input checked="" type="checkbox"/> PRODUCTION CASING |
| <input type="checkbox"/> SQUEEZE CEMENT |
| <input type="checkbox"/> PLUG AND ABANDON |
| <input type="checkbox"/> PLUG BACK |
| <input type="checkbox"/> MISP. PUMP |
| <input type="checkbox"/> WASH DOWN |
| <input type="checkbox"/> OTHER |

INSTRUCTIONS PRIOR TO JOB _____

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AUTHORIZATION TO PROCEED _____ TITLE _____ DATE _____

KCC WICHITA

HOOKED ONTO 4 1/2" CASING. ESTABLISHED CIRCULATION WITH _____ BARRELS OF WATER, _____ AHEAD, THEN BLENDED _____ 195 SACKS OF OWC CEMENT, THEN DROPPED RUBBER PLUG, THEN PUMPED _____ BARRELS OF WATER.

- LANDED PLUG ON BOTTOM AT _____ PSI
- SHUT IN PRESSURE _____
- LOST CIRCULATION
- GOOD CEMENT RETURNS
- TOPPED OFF WELL WITH _____ SACKS
- SET FLOAT SHOE - SHUT IN

[Handwritten Signature]
 (SIGNATURE)