

12/28/09
Form ACD-1
September 1999
Form must be Typed

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CONFIDENTIAL

WELL COMPLETION FORM

ORIGINAL

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5278
Name: EOG Resources, Inc.
Address 3817 NW Expressway, Suite 500
City/State/Zip Oklahoma City, Oklahoma 73112
Purchaser: TEPPCO CRUDE OIL, LLC & ANADARKO PROD. CO
Operator Contact Person: TERRY FOSTER
Phone (405) 246-3152
Contractor: Name: G & F Resources
ABERCROMBIE RTD, INC.
License: 30684
Wellsite Geologist: _____
Designate Type of Completion

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New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Reentry: 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. _____
10/13/07 10/22/07 12/19/07
Spud Date or Date Reached TD Completion Date or Recompletion Date

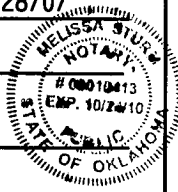
API NO. 15- 189-22616-0000
County STEVENS
SE - SE - SE Sec. 23 Twp. 32 S. R. 37 E W
330 Feet from SW (circle one) Line of Section
330 Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name WILLIS Well # 23 #3
Field Name _____
Producing Formation ST. LOUIS
Elevation: Ground 3097' Kelley Bushing 3109'
Total Depth 6500' Plug Back Total Depth 6387'
Amount of Surface Pipe Set and Cemented at 1663 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan APIUS 5-789
(Data must be collected from the Reserve Pit)
Chloride content 4000 ppm Fluid volume 1000 bbls
Dewatering method used EVAPORATION
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S R. _____ E W
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 on 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 Terry Foster
Title SR. REGULATORY ADMINISTRATOR Date 12/28/07
Subscribed and sworn to before me this 28TH day of DECEMBER
20 07
Notary Public Melissa Sturm
Date Commission Expires 10/24/2010



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Letter of Confidentiality Attached
If Denied, Yes Date: _____
Wireline Log Received JAN 02 2008
Geologist Report Received
UIC Distribution
CONSERVATION DIVISION
WICHITA, KS

Operator Name EOG RESOURCES, INC. Lease Name WILLIS Well # 23 #3

Sec. 23 Twp. 32 S.R. 37 East West County STEVENS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. 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 (Attach Additional Sheets.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 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 (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: SONIC ARRAY, SD/DUAL NEUTRON, SD/DUAL NEUTRON MICRO, MICROLOG, ARRAY COMP RESISTIVITY, ANNULAR HOLE VOL, CBL, AND COLLAR LOCATOR. | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED |
|--|---|

| CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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 | 12 1/4 | 8 5/8 | 24 | 1663' | MIDCON 2 PP | 300 | SEE CMT TIX |
| | | | | | PP | 180 | |
| PRODUCTION | 7 7/8 | 5 1/2 | 15.50 | 6491' | 50/50POZ PP | 95 | SEE CMT TIX |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | | |
|---|-------|--------|----------------|-------------|----------------------------|
| Purpose ____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone | Depth | | Type of Cement | #Sacks Used | Type and Percent Additives |
| | Top | Bottom | | | |
| | | | | | |
| | | | | | |

| 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 |
|----------------|---|---|-------|
| 4 | 6343' -6361' | NONE. | |
| | | | |
| | | | |

| | | | | | |
|--|------------------------|---------------------|---|----------------------------|---|
| TUBING RECORD | | Size <u>2 7/8</u> | Set At <u>6309'</u> | Packer At <u>N/A</u> | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Enhr. <u>11/10/07</u> | | | Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil Bbls. <u>86</u> | Gas Mcf <u>5</u> | Water Bbls. <u>1125</u> | Gas-Oil Ratio <u>58</u> | Gravity <u>46.6</u> |

Disposition of Gas: Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled _____
 (If vented, submit ACO-18.) Other (Specify) _____

METHOD OF COMPLETION Production Interval

| ACO-1 Completion Report | | |
|--------------------------|------|-------|
| Well Name : WILLIS 23 #3 | | |
| FORMATION | TOP | DATUM |
| BASE OF HEEBNER | 4133 | -1024 |
| LANSING | 4251 | -1142 |
| MARMATON | 4916 | -1807 |
| CHEROKEE | 5117 | -2008 |
| ATOKA | 5523 | -2414 |
| MORROW | 5622 | -2513 |
| CHESTER | 6170 | -3061 |
| | | |
| | | |
| | | |

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CONSERVATION DIVISION
WICHITA, KS

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

| | | | |
|------------------------------------|---------------------------|------------------------------------|------------------------|
| Sold To #: 302122 | Ship To #: 2605800 | Quote #: | Sales Order #: 5424737 |
| Customer: EOG RESOURCES INC | | Customer Rep: Taylor, Larry | |
| Well Name: Willis | Well #: 23#3 | API/UWI #: | |
| Field: | City (SAP): UNKNOWN | County/Parish: Stevens | State: Kansas |
| Contractor: ABERCROMBIE | Rig/Platform Name/Num: #8 | | |
| Job Purpose: Cement Surface Casing | | | |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: BLAKEY, JOSEPH | | Srvc Supervisor: OLIPHANT, CHESTER | MBU ID Emp #: 243055 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|------------------------|---------|--------|------------------------|---------|--------|--------------|---------|--------|
| CHAVEZ, ERIK Adrain | 9.5 | 324693 | FERGUSON, ROSCOE G | 9.5 | 106154 | KING, ANDREW | 9.5 | 423271 |
| OLDS, ROYCE E | 9.5 | 306196 | OLIPHANT, CHESTER C | 9.5 | 243055 | | | |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10240245 | 50 mile | 10704310 | 50 mile | 10744298C | 50 mile | 10897879 | 50 mile |
| 10988832 | 50 mile | 54029 | 50 mile | 6811U | 50 mile | D0315 | 50 mile |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|---|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| TOTAL | | | | | | | | |
| <i>Total is the sum of each column separately</i> | | | | | | | | |

| Formation Name | Date | Time | Time Zone | |
|-----------------------------|---------------|-----------------|-----------|-----|
| Formation Depth (MD) Top | Called Out | 13 - Oct - 2007 | 19:30 | CST |
| Bottom | On Location | 13 - Oct - 2007 | 22:00 | CST |
| Form Type | Job Started | 14 - Oct - 2007 | 05:30 | CST |
| Job depth MD | Job Completed | 14 - Oct - 2007 | 06:30 | CST |
| Water Depth | Departed Loc | 14 - Oct - 2007 | 07:30 | CST |
| Perforation Depth (MD) From | | | | |
| To | | | | |

Well Data

| Description | New / Used | Max pressure psig | Size in | ID in | Weight lbm/ft | Thread | Grade | Top MD ft | Bottom MD ft | Top TVD ft | Bottom TVD ft |
|----------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
| Surface Hole | | | | 12.25 | | | | | 1700. | | |
| Surface Casing | Used | | 8.625 | 8.097 | 24. | | | | 1700. | | |

| Description | Qty | Qty uom | Depth | RECEIVED |
|--|-----|---------|-------|-------------------------------------|
| SHOE, CSG, TIGER TOOTH, 8 5/8 IN 8RD | 1 | EA | | KANSAS CORPORATION COMMISSION |
| CLR, FLT, TROPHY SEAL, 8-5/8 8RD | 1 | EA | | |
| AUTOFILL KIT, TROPHY SEAL | 1 | EA | | JAN 02 2008 |
| CENTRALIZER ASSY - API - 8-5/8 CSG X | 9 | EA | | |
| CLP, LIM, 8 5/8, FRICT, WTH DOGS | 2 | EA | | CONSERVATION DIVISION WICHITA KS |
| BASKET - CEMENT - 8 5/8 CSG X 12 1/4 | 1 | EA | | |
| PLUG, CMTG, TOP, 8 5/8, HW, 7.20 MIN/8.09 MA | 1 | EA | | |

| Type | Size | Qty | Make | Depth | Type | Size | Qty | Make | Depth | Type | Size | Qty | Make |
|--------------|------|-----|------|-------|-------------|------|-----|------|-------|----------------|------|-----|------|
| Guide Shoe | | | | | Packer | | | | | Top Plug | | | |
| Float Shoe | | | | | Bridge Plug | | | | | Bottom Plug | | | |
| Float Collar | | | | | Retainer | | | | | SSR plug set | | | |
| Insert Float | | | | | | | | | | Plug Container | | | |
| Stage Tool | | | | | | | | | | Centralizers | | | |

HALLIBURTON

Cementing Job Summary

| Gelling Agt | Conc | Surfactant | Conc | Acid Type | Qty | Conc | % | | |
|--|------------------|--|---------------------|--|------------------------|---------------------------|------------------|--------------|------------------------|
| Treatment Fld | Conc | Inhibitor | Conc | Sand Type | Size | Qty | | | |
| Fluid # | Stage Type | Fluid Name | Qty | Qty uom | Mixing Density lbm/gal | Yield ft ³ /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |
| 1 | Lead Cement | MIDCON-2 CEMENT PREMIUM PLUS - SBM (15079) | 300.0 | sacks | 11.4 | 2.96 | 18.14 | | 18.14 |
| | 3 % | CALCIUM CHLORIDE - HI TEST PELLET (100005053) | | | | | | | |
| | 0.25 lbm | POLY-E-FLAKE (101216940) | | | | | | | |
| | 0.1 % | WG-17, 50 LB SK (100003623) | | | | | | | |
| | 18.138 Gal | FRESH WATER | | | | | | | |
| 2 | Tail Cement | CMT - PREMIUM PLUS CEMENT (100012205) | 180.0 | sacks | 14.8 | 1.34 | 6.32 | | 6.32 |
| | 94 lbm | CMT - PREMIUM PLUS - CLASS C REG OR TYPE III, BULK (100012205) | | | | | | | |
| | 2 % | CALCIUM CHLORIDE - HI TEST PELLET (100005053) | | | | | | | |
| | 0.25 lbm | POLY-E-FLAKE (101216940) | | | | | | | |
| | 6.324 Gal | FRESH WATER | | | | | | | |
| 3 | Displacement | | 103.00 | bbl | 8.33 | .0 | .0 | .0 | |
| Displacement | Shut In: Instant | Lost Returns | Cement Slurry | Pad | | | | | |
| Top Of Cement | 5 Min | Cement Returns | Actual Displacement | Treatment | | | | | |
| Frac Gradient | 15 Min | Spacers | Load and Breakdown | Total Job | | | | | |
| Circulating | Mixing | Displacement | Avg. Job | | | | | | |
| Cement Left In Pipe | Amount | 46 ft | Reason | Shoe Joint | | | | | |
| Frac Ring # 1 @ | ID | Frac ring # 2 @ | ID | Frac Ring # 3 @ | ID | Frac Ring # 4 @ | ID | | |
| The Information Stated Herein Is Correct | | | | Customer Representative Signature <i>Larry Taylor</i> | | | | | |

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CONSERVATION DIVISION
WICHITA, KS

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

| | | | |
|--|---------------------|-----------------------------------|------------------------|
| Sold To #: 302122 | Ship To #: 2805600 | Quote #: | Sales Order #: 5424737 |
| Customer: EOG RESOURCES INC | | Customer Rep: Taylor, Larry | |
| Well Name: Willis | Well #: 23#3 | API/UWI #: | |
| Field: | City (SAP): UNKNOWN | County/Parish: Stevens | State: Kansas |
| Legal Description: | | | |
| Lat: | | Long: | |
| Contractor: ABERCROMBIE | | Rig/Platform Name/Num: #8 | |
| Job Purpose: Cement Surface Casing | | | Ticket Amount: |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: BLAKEY, JOSEPH | | Srv Supervisor: OLIPHANT, CHESTER | MBU ID Emp #: 243055 |
| | | | |
| Call Out | 10/13/2007 19:30 | | |
| Safety Meeting | 10/13/2007 21:30 | | |
| Arrive at Location from Service Center | 10/13/2007 23:00 | | |
| Assessment Of Location Safety Meeting | 10/13/2007 23:05 | | |
| Safety Meeting - Pre Rig-Up | 10/13/2007 23:10 | | |
| Rig-Up Equipment | 10/13/2007 23:15 | | |
| Wait on Customer or Customer Sub-Contractor Equip | 10/13/2007 23:30 | | |
| Wait on Customer or Customer Sub-Contractor Equipm | 10/14/2007 05:00 | | |
| Safety Meeting - Pre Job | 10/14/2007 05:15 | | |
| Start Job | 10/14/2007 05:30 | | |
| Test Lines | 10/14/2007 05:33 | | 3500.0 |
| Pump Lead Cement | 10/14/2007 05:36 | 7 | 158 0 |
| Pump Tail Cement | 10/14/2007 05:59 | 5 | 43 158 |
| Shutdown | 10/14/2007 06:07 | | 201 |
| Drop Plug | 10/14/2007 06:08 | | |
| Pump Displacement | 10/14/2007 06:10 | 7 | 103 0 |
| | | | 15.0 |

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CONSERVATION DIVISION
WICHITA, KS

Sold To #: 302122

Ship To #: 2805600

Quote #:

Sales Order #: 5424737

SUMMIT Version: 7.20.130

Sunday, October 14, 2007 06:36:00

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HALLIBURTON

Cementing Job Log

| Event | Date/Time | Flow Rate (GPM) | Pressure (PSI) | Volume (GAL) | Weight (LBS) | Notes |
|-------------------------------|---------------------|-----------------|----------------|--------------|--------------|--|
| Displ Reached Cmnt | 10/14/2007 06:20 | | 7 | 40 | 200.0 | |
| Other | 10/14/2007 06:28 | | 2 | 93 | 500.0 | 400.0 SLOW RATE |
| Bump Plug | 10/14/2007 06:38 | | 2 | 103 | 525.0 | |
| Pressure Up | 10/14/2007 06:39 | | | | 1100.0 | TEST FLOATS |
| Release Casing Pressure | 10/14/2007 06:40 | | | 103 | .0 | FLOAT HOLDING / CIRCULATED CEMENT TO PIT |
| Safety Meeting - Pre Rig-Down | 10/14/2007 06:45 | | | | | |
| Rig-Down Equipment | 10/14/2007 06:50 | | | | | THANK YOU FOR CALLING HALLIBURTON |
| End Job | 10/14/2007 07:30 | | | | | CHESTER AND CREW |

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Sold To # : 302122

Ship To # :2605600

Quote # :

Sales Order # : 5424737

SUMMIT Version: 7.20.130

Sundav. October 14. 2007 06:36:00

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

| | | | |
|---------------------------------------|--------------------------|------------------------------------|------------------------|
| Sold To #: 302122 | Ship To #: 2805600 | Quote #: | Sales Order #: 5439545 |
| Customer: EOG RESOURCES INC | | Customer Rep: Passig, Dale | |
| Well Name: Willis | Well #: 23#3 | API/UWI #: | |
| Field: | City (SAP): UNKNOWN | County/Parish: Stevens | State: Kansas |
| Contractor: ABERCROMBIE | Rig/Platform Name/Num: 8 | | |
| Job Purpose: Cement Production Casing | | | |
| Well Type: Development Well | | Job Type: Cement Production Casing | |
| Sales Person: BLAKEY, JOSEPH | | Brvc Supervisor: SMITH, BOBBY | MBU ID Emp #: 106036 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|------------------------|---------|--------|---------------------------|---------|--------|---------------------------|---------|--------|
| BERUMEN, EDUARDO | 17.0 | 267804 | BROADFOOT, RYAN Mathew | 3.5 | 431899 | CLEMENS, ANTHONY Jason | 3.5 | 198516 |
| COBLE, RANDALL Gene | 14.5 | 347700 | LOPEZ, CARLOS | 12.5 | 321975 | SMITH, BOBBY Wayne | 3.5 | 106036 |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10251403C | 50 mile | 10666807 | 50 mile | 10697801 | 50 mile | 10949716 | 50 mile |
| D0132 | 50 mile | | | | | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| | | | | | | | | |

TOTAL Total is the sum of each column separately

| Formation Name | Date | Time | Time Zone |
|-----------------------------|-------------------|---------------|---------------------------|
| Formation Depth (MD) Top | Bottom | Called Out | 21 - Oct - 2007 10:00 CST |
| Form Type | BHST | On Location | 21 - Oct - 2007 12:30 CST |
| Job depth MD | 8500. ft | Job Depth TVD | 6500. ft |
| Water Depth | Wk Ht Above Floor | Job Started | 22 - Oct - 2007 02:43 CST |
| Perforation Depth (MD) From | To | Job Completed | 22 - Oct - 2007 03:36 CST |
| | | Departed Loc | 22 - Oct - 2007 05:30 CST |

Well Data

| Description | New / Used | Max pressure psig | Size in | ID in | Weight lbm/ft | Thread | Grade | Top MD ft | Bottom MD ft | Top TVD ft | Bottom TVD ft |
|-------------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
| Surface Casing | Used | | 8.625 | 8.087 | 24. | | | | 1700. | | |
| Production Casing | New | | 5.5 | 4.95 | 15.5 | | J-55 | | 6500. | | |
| Production Hole | | | | 7.875 | | | | 1700. | 6500. | | |

Subcontract Party (HES)

| Description | Qty | Qty uom | Depth | Supplier |
|--|-----|---------|-------|----------|
| CLR,FLT,5-1/2 8RD,14-23PPF,2-3/4 | 1 | EA | | |
| SHOE,FLOAT,5 1/2 8RD,2 3/4 SUPER SEAL | 1 | EA | | |
| CENTRALIZER ASSY - TURBO - API - KIT,HALL WELD-A | 17 | EA | | |
| COLLAR-STOP-5 1/2-W/DOGS | 1 | EA | | |
| PLUG,CMTG,TOP,5 1/2,HWE,4.38 MIN/5.09 MA | 1 | EA | | |

Tools and Accessories

| Type | Size | Qty | Make | Depth | Type | Size | Qty | Make | Depth | Type | Size | Qty | Make |
|--------------|------|-----|------|-------|-------------|------|-----|------|-------|----------------|------|-----|------|
| Guide Shoe | | | | | Packer | | | | | Top Plug | | | |
| Float Shoe | | | | | Bridge Plug | | | | | Bottom Plug | | | |
| Float Collar | | | | | Retainer | | | | | SSR plug set | | | |
| Insert Float | | | | | | | | | | Plug Container | | | |
| Stage Tool | | | | | | | | | | Centralizers | | | |

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Cementing Job Summary

| Miscellaneous Materials | | | | | | | | | | |
|--|-------------------------|--------------------------------------|---------------------|-----------------------------------|------------------------|---------------------------|------------------|--------------|------------------------|--|
| Gelling Agt | Conc | Surfactant | Conc | Acid Type | Qty | Conc % | | | | |
| Treatment Fld | Conc | Inhibitor | Conc | Sand Type | Size | Qty | | | | |
| Fluid Data | | | | | | | | | | |
| Mudlogging # 1 | | | | | | | | | | |
| Fluid # | Stage Type | Fluid Name | Qty | Qty uom | Mixing Density lbm/gal | Yield ft ³ /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk | |
| 1 | Water Spacer | | 0.00 | bbl | . | .0 | .0 | .0 | | |
| 2 | Lead Slurry | POZ PREMIUM PLUS 50/50 - SBM (14239) | 95.0 | sacks | 13.5 | 1.63 | 7.27 | | 7.27 | |
| | 6 % | CAL-SEAL 60, BULK (100064022) | | | | | | | | |
| | 10 % | SALT, BULK (100003695) | | | | | | | | |
| | 6 lbm | GILSONITE, BULK (100003700) | | | | | | | | |
| | 0.6 % | HALAD(R)-344, 50 LB (100003670) | | | | | | | | |
| | 0.5 % | D-AIR 3000 (101007446) | | | | | | | | |
| | 7.266 Gal | FRESH WATER | | | | | | | | |
| | 0.1 % | WG-17, 50 LB SK (100003623) | | | | | | | | |
| 3 | Plug Rat and Mouse Hole | POZ PREMIUM PLUS 50/50 - SBM (14239) | 25.0 | sacks | 13.5 | 1.63 | 7.27 | | 7.27 | |
| | 6 % | CAL-SEAL 60, BULK (100064022) | | | | | | | | |
| | 10 % | SALT, BULK (100003695) | | | | | | | | |
| | 6 lbm | GILSONITE, BULK (100003700) | | | | | | | | |
| | 0.6 % | HALAD(R)-344, 50 LB (100003670) | | | | | | | | |
| | 0.5 % | D-AIR 3000 (101007446) | | | | | | | | |
| | 7.266 Gal | FRESH WATER | | | | | | | | |
| | 0.1 % | WG-17, 50 LB SK (100003623) | | | | | | | | |
| 4 | Displacement | | 153.00 | bbl | . | .0 | .0 | .0 | | |
| Cementing Values | | | | | | | | | | |
| Displacement | Shut In: Instant | Lost Returns | Cement Slurry | Pad | | | | | | |
| | 5 Min | Cement Returns | Actual Displacement | Treatment | | | | | | |
| Frac Gradient | 15 Min | Spacers | Load and Breakdown | Total Job | | | | | | |
| Rates | | | | | | | | | | |
| Circulating | Mixing | Displacement | Avg. Job | | | | | | | |
| Cement Left in Pipe | Amount | 47.47 ft | Reason | Shoe Joint | | | | | | |
| Frac Ring # 1 @ | ID | Frac ring # 2 @ | ID | Frac Ring # 3 @ | ID | Frac Ring # 4 @ | ID | | | |
| The Information Stated Herein is Correct | | | | Customer Representative Signature | | | | | | |
| | | | | Dale Possig | | | | | | |

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CONSERVATION

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

| Sold To #: 302122 | | Ship To #: 2605600 | | Quote #: | | Sales Order #: 5439545 | | |
|---|---------------------|---------------------|------------------------------------|----------------------------|------------|------------------------|--------|--|
| Customer: EOG RESOURCES INC | | | | Customer Rep: Passig, Dale | | | | |
| Well Name: Willis | | | Well #: 23#3 | | API/UWI #: | | | |
| Field: | | City (SAP): UNKNOWN | | County/Parish: Stevens | | State: Kansas | | |
| Legal Description: | | | | | | | | |
| Lat: | | | | Long: | | | | |
| Contractor: ABERCROMBIE | | | Rig/Platform Name/Num: 8 | | | | | |
| Job Purpose: Cement Production Casing | | | | | | Ticket Amount: | | |
| Well Type: Development Well | | | Job Type: Cement Production Casing | | | | | |
| Sales Person: BLAKEY, JOSEPH | | | Srcv Supervisor: SMITH, BOBBY | | | MBU ID Emp #: 106036 | | |
| Activity Description | Date/Time | Circ | Rate lb/ min | Volume lb | | Pressure psig | | Comments |
| | | | | Stage | Total | Trailing | Casing | |
| Call Out | 10/21/2007 10:00 | | | | | | | |
| Depart from Service Center or Other Site | 10/21/2007 11:30 | | | | | | | JOURNEY MANAGMENT MEETING BEFORE DEPARTURE |
| Arrive at Location from Other Job or Site | 10/21/2007 12:30 | | | | | | | ASSESS LOCATION - SPOT TRUCKS - LAYING DOWN D.P. UPON ARRIVAL |
| Pre-Rig Up Safety Meeting | 10/21/2007 12:40 | | | | | | | |
| Rig-Up Equipment | 10/21/2007 12:45 | | | | | | | PUMP TRUCK AND BULK TRUCK |
| Comment | 10/21/2007 14:00 | | | | | | | OUT OF HOLE WITH COLLARS |
| Rig-Down Equipment | 10/21/2007 14:01 | | | | | | | LAY DOWN KELLY AND MOUSE HOLE |
| Start In Hole | 10/21/2007 15:00 | | | | | | | RIG UP CASING CREW AND START IN HOLE WITH CSG. |
| Casing on Bottom | 10/21/2007 21:00 | | | | | | | RIG UP SWAGE AND CIRC W/RIG FOR 2 HOURS TO CONDITON MUD |
| Pre-Job Safety Meeting | 10/21/2007 22:30 | | | | | | | |
| Start Job | 10/21/2007 22:42 | | | | | | | |
| Test Lines | 10/21/2007 22:43 | | | | | | | 2000 PSI |
| Pump Cement | 10/21/2007 22:46 | | | 4 | | | | 15 SKS TO FILL RAT HOLE |
| Pump Cement | 10/21/2007 22:52 | | | 3 | | | | 10SKS TO FILL MOUSE HOLE |

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KANSAS CORPORATION COMMISSION
JAN 02 2008
CONSERVATION DIVISION

CONFIDENTIAL
DEC 28 2007
KGC

Sold To #: 302122

Ship To #: 2605600

Quote #:

Sales Order #:

5439545

SUMMIT Version: 7.20.130

Monday, October 22, 2007 04:12:00

HALLIBURTON

Cementing Job Log

| Activity Description | Date/Time | Cst | Rate bbl/min | Volume bbl | | Pressure psi | | Comments |
|---|---------------------|-----|-----------------|---------------|-------|-----------------|------------|--|
| | | | | Stage | Total | Trailing | Casing | |
| Comment | 10/21/2007 22:53 | | | | | | | CEMENTED UP TRUCK AND LINES |
| Wait on HES Materials to Arrive - Start Time | 10/21/2007 22:55 | | | | | | | WAITING ON 2ND TRUCK TO ARRIVE |
| Wait on HES Materials to Arrive - End Time | 10/22/2007 02:00 | | | | | | | 4 hours of down time. |
| Test Lines | 10/22/2007 02:43 | | | | | | | PRESSURE TEST LINES TO 2000 PSI |
| Pump Cement | 10/22/2007 02:45 | | 5.5 | 27.5 | 34.5 | | 300.0 | 95 SKS 50/50 POZ @ 13.5# |
| Drop Top Plug | 10/22/2007 02:56 | | | | | | | |
| Clean Lines | 10/22/2007 02:58 | | | | | | | TO DITCH |
| Pump Displacement | 10/22/2007 03:02 | | 5 | 153.5 | 0 | | 100.0 | FRESH WATER |
| Displ Reached Cement | 10/22/2007 03:04 | | 5 | 7 | 7 | | 400.0 | CAUGHT CEMENT @ 7BBL INTO DISPLACEMENT |
| Other | 10/22/2007 03:28 | | 2 | 10.5 | 143 | | 500.0 | SLOWED RATE |
| Bump Plug | 10/22/2007 03:34 | | 2 | | 154 | | 1200. 0 | PRESSURED PLUG UP TO PSI |
| Check Floats | 10/22/2007 03:36 | | | | | | | FLOATS HELD |
| End Job | 10/22/2007 03:37 | | | | | | | |
| Pre-Rig Down Safety Meeting | 10/22/2007 03:43 | | | | | | | |
| Rig-Down Equipment | 10/22/2007 03:44 | | | | | | | |
| Depart Location for Service Center or Other Site | 10/22/2007 05:30 | | | | | | | JOURNEY MANAGEMENT MEETING BEFORE DEPARTURE |

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KANSAS CORPORATION COMMISSION

JAN 02 2008

CONSERVATION DIVISION
WICHITA, KS

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Monday, October 22, 2007 04:12:00