KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

RECEIVED OCT 0 7 2010 COLOUR STATE OCTOBER 1

Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received **Geologist Report Received**

UIC Distribution

Form ACO-1

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASECC WICHITADIO

| OPERATOR: License # 4549 | API NO 15-189-22724-00-00 |
|---|--|
| Name: ANADARKO PETROLEUM CORPORATION | Spot Description: |
| Address 1:P.OBOX_1330 | NE - NE - SW - NW Sec. 36 Twp. 33 S. R. 39 East X Wes |
| Address 2: | 1390 Feet from X North / South Line of Section |
| City <u>HOUSTON</u> State <u>TX</u> Zip: <u>77251</u> + <u>1330</u> | 1250 Feet from East / X West Line of Section |
| Contact Person: MELANIE WIGGINS | Footages Calculated from Nearest Outside Section Corner: |
| Phone (<u>832</u>) 636–1053 | NE NW SE SW |
| CONTRACTOR: License #33784 | CountyStevens |
| Name: Trinidad Drilling LP | Lease Name NIX H Well # 2HP |
| Wellsite Geologist: | Field Name Hugoton/Panoma |
| Purchaser: Anadarko Energy Services Company | Producing Formation Chase/Council Grove |
| Designate Type of Completion | Elevation: Ground 3223 Kelley Bushing |
| X New Well Re-Entry Workover | Total Depth 3270 Plug Back Total Depth |
| Oil SWD SIOW | Amount of Surface Pipe Set and Cemented at637_ Feet |
| X Gas ENHR SIGW | Multiple Stage Cementing Collar Used? Yes X No |
| CM (Coal Bed Methane) Temp. Abd. | If yes, show depth set Feet |
| Dry Other | If Alternate II completion, cement circulated from |
| (Core, WSW, Expl., Cathodic, etc.) If Workover/Reentry: Old Well Info as follows: | feet depth tow/sx cmt. |
| Operator: | Drilling Fluid Management Plan |
| Well Name: | (Data must be collected from the Reserve Pit) |
| Original Comp. Date Original Total Depth | Chloride content 4200 ppm Fluid volume 120 bbls |
| Deepening Re-perf Conv.to Enhr Conv.to SWD | Dewatering method used HAUL OFF |
| Plug Back ———————————————————————————————————— | Location of fluid disposal if hauled offsite: |
| Commingled Docket No | |
| Dual Completion Docket No. | Operator Name ANADARKO PETROLEUM CORPORATION |
| Other (SWD or Enhr?) Docket No. | Lease Name KEEFER A 1 License No. 4549 |
| 6-2-2010 6-4-2010 6-28-2010 Spud Date or Date Reached TD Completion Date or | Quarter SW Sec. 13 Twp. 32 S R. 38 East West |
| Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date | County STEVENS Docket No. D17157 |
| Nansas 67202, within 120 days of the spud date, recompletion, workover conside two of this form will be held confidential for a period of 12 monconfidentiality in excess of 12 months). One copy of all wireline logs and gower must be attached. Submit CP-4 form with all plugged wells. Submit CP-4 form with all plugged wells. Submit CP-4 form with all plugged wells. | the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on this if requested in writing and submitted with the form (see rule 82-3-107 for eologist well report shall be attached with this form. ALL CEMENTING TICKETS P-111 form with all temporarily abandoned wells. |
| re complete an constant of the less of they knowledge. | - ,,,, and the statements field |
| itle RECULATORY Date 10, | /05/2010 KCC Office Use ONLY |

Date Commission Expires IIIIIII

| Operator Name ANADA | RKO PETROLEU | IM CORPORA | ATION | | Lease Name | Nix H | | Well # | 2HP | |
|---|-------------------------------------|----------------------------------|--------------------------------|---|---|--|----------------------|------------------|------------------------|-------------------------------|
| Sec. <u>36</u> Twp. <u>33</u> | S.R. <u>39</u> | ☐ East | X West | | County <u>s</u> | tevens | | | | |
| STRUCTIONS: Show in the tool open and closed, covery, and flow rates if gs surveyed. Attach final | flowing and shu gas to surface d | t-in pressure uring test, ald | s, whether s | hut-ir | n pressure reac | hed static leve | el, hydrostatic pres | sures, botto | m hole te | mperature, f Electric Wire |
| rill Stem Tests Taken (Attach Additional Sho | eets) | ☐ Yes | X No | | X Log | | Formation (Top), D | epth and Da | atums | ☐ Sampl |
| amples Sent to Geologi | cal Survey | Yes X No | | | Name | | Тор | Da | Datum | |
| ores Taken | | ☐ Yes | X No | | | | | | | |
| lectric Log Run (Submit Copy) | | X Yes | ☐ No | | Base Cedar Base Stone | | 1410 1710 | | | |
| ist All E.Logs Run: | | | | | | . WIIII | 2533 | | | |
| EMENT BOND LOG | | | • | | Chase | | | | | |
| EUTRON LOG | | | | | Council Gr | ove | 2843 | | | |
| Purpose of String | | Casing | | New Us face, intermedia Weight Lbs./Ft. | | n, etc Type of Cement | # Sacks Used | | nd Percent dditives | |
| OT EDITA OT | 10.05 | 0 5/0 | | 24 | | 637 | STANDARD | 450 | 2% 2% | œ |
| SURFACE | 12.25 | 8 5/8 5 1/2 | | 14 | | 3270 | MIDCON50/50 | | .5 HALAD | |
| PRODUCTION | 7.875 | 3 1/2 | | 14 | | _3270 | TOC=250 | 400 | 1 .5 | |
| | | AD | DITIONAL C | EME | NTING/SQUE | EZE RECORI | | 1 | • | |
| Purpose Perforate Protect Casing Plug Back TD Plug Off Zone | Depth Top Bottom | Type of | Cement | # | Sacks Used | | Type and Per | cent Additive | es | |
| Shots Per Foot | PERFORA Specify | TION RECOR | RD - Bridge I Each Interval | Plugs Perf | S Set/Type orated | Type Acid, Fracture, Shot, Cement Sqeeze Record d (Amount and Kind of Material Used) Depth | | | | |
| 3 | 2975-83; 29 | 951-60; 29 | 928-42; 28 | 872- | -77 Frac w/67,175 gals 25# x-linked 2872-29 | | | | | 872-2983 |
| | | | | | | patriot. | 5% KCL w/124, | 000# 12/2 | 0snc | |
| 2 | 2733-43; 26 | 580-94; 26 | 517-43; 2 | 566- | -72 | Frac w/1 | .45,320 gals 2 | 5# <u>x-link</u> | ed 2 | <u>566-2743</u> |
| | | | | | | .5% KCL | w/300,000# 12 | /20 sand | | |
| TUBING RECORD | Size 2 3/8 | Set <i>F</i> 2854 | | F | Packer At | Liner Run | ☐ Yes 🗶 | No | | |
| Date of First, Resumed 6-28-20 | | ND or Enhr. | Produ | | Method Flowing XP | umping [] | Gas Lift | er (Explain) | | |
| Estimated Production Per 24 Hours | Oil | Bbls. | Gas 135 | | Mcf Wate | er Bbls. | Gas-Oil | Ratio | • | Gravity |
| DISPOSITIO | | Т | | MF | THOD OF COM | /PLETION | | Produc | ction Inter | val |
| Vented 🔀 Sold | | Lease | Open Hole | | Perf. Dual | lly Comp. | Commingled | 2566-2 | | , |
| (If vented, subm | لبسما | | | | The water the | | | 1+ | | , |
| , | • | 1 1 | Other (Spe | JUIIY) | | | | | | |



October 5, 2010

Kansas Corporation Commission Conservation Division Finney State Office Building 130 S. Market Room 2078 Wichita, KS 67202-3802

RE: Nix H 2HP Section 36-33S-39W API 15-189-22724-00-00 Stevens County, Kansas

Gentlemen:

Enclosed are the following forms and documents for the completion of the above referenced new well:

ACO-1 Well Completion form (original & 2 copies) CG-8 Form Cementing Tickets Copies of all logs run

No confidentiality is requested.

Please call me at 832-636-1053 if there are any questions.

Sincerely,

Melanie Wiggins Regulatory Analyst

melanie.wiggins@anadarko.com

Melanie Wiggins

Enclosures

RECEIVED OCT 0 7 2010 KCC WICHITA

PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO A GAS WELL'

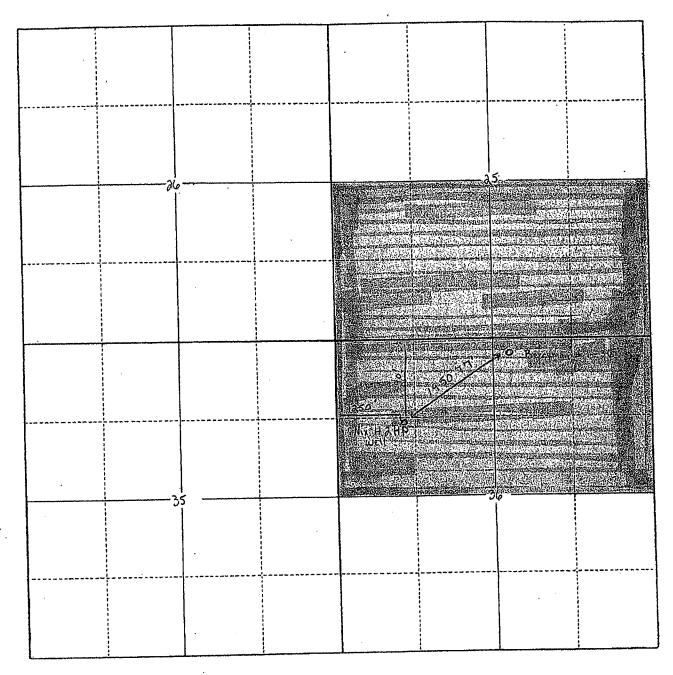
Kansas Corporation Commission, Conservation Division Finney State Office Building, 130 South Market, Room 2078 Wichita, Kansas 67202

| API NUMBER 15- | LOCATION OF WELL: COUNTY Stevens |
|---|---|
| operator Anadarko Petroleum Corpora LEASE Nix H WELL NUMBER 2HP | 1390 feet from south north line of section 1250 feet from east / west line of section |
| NUMBER OF ACRES ATTRIBUTABLE TO WELL 640 QTR/QTR/QTR OF ACREAGE | SECTION 36 TWP 33 (S) RG 39 E/W |
| (Show the location of the well and shade act (Show the footage to the nearest lease or un common source supply well). | nit boundary line; and show footage to the nearest |
| | • |
| | RECEIVED |
| | MAR 1 0 2010 |
| | KCC WICHITA |
| • | EXAMPLE . |
| | 1980 RECEIVED |
| | 3390' OCT 07 2010 |
| | KCC WICHITA |
| | seward co. |
| The undersigned hereby certifies as <u>at</u> Anadarko Petroleum Corporation | |
| information shown hereon is true and correct acreage claimed attributable to the well and hereby make application for an allowal this form and the State test, whichever is | ct to the best of my knowledge and belief, that all named herein is held by production from that well ble to be assigned to the well upon the filing of |
| Subscribed and sworn to before me on this _ | David W. Nigkel Off day of March , 192010 Marityn & Marlen arilyn B Morlan Notary Public |
| My Commission expires 10/29/13 | FORM CG-8 (12/94) |
| MARILYN B. MO | KLAN I |

ATTACHMENT TO FORM CG-8 (12/94) ANADARKO PETROLEUM CORPORATION

Nix H 2HP Well

. Section 36, Township 33 South, Range 39 West Stevens County, Kansas



Unit Acreage:

South Half (S/2) of Section 25, and North Half (N/2) of Section 36, in RECEIVED Section 33 South, Range 39 West of the Sixth P.M., Stevens County, Kansas, consisting of 640 acres

OCT 07 2010

RECEIVED KCC WICHITA MAR 1 0 2010 KCC WICHITA

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 300466 **Ship To #**: 2787549 Quote #: Sales Order #: 7410507 Customer: ANADARKO PETROLEUM CORP - EBUS **Customer Rep:** Well Name: Well #: 2HP API/UWI #: Field: City (SAP): HUGOTON County/Parish: Stevens State: Kansas Contractor: TRINIDAD Rig/Platform Name/Num: 208 Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Sales Person: HESTON, MYRON Srvc 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# ARNETT, JAMES Rav 12 226567 MATA, ADOLFO V 12 419999 SLATER, JOE P 106095 12 SMITH, BOBBY 12 106036 Wayne Equipment **HES Unit #** Distance-1 way **HES Unit #** Distance-1 way **HES Unit #** Distance-1 way HES Unit # Distance-1 way **Job Hours** Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours TOTAL Total is the sum of each column separately Job **Job Times** Formation Name Date Time Time Zone Formation Depth (MD) Top (ww **Bottom** Called Out Form Type BHST On Location 637 Job depth MD 637-675-ft Job Depth TVD Job Started Water Depth Wk Ht Above Floor 2. ft Job Completed Perforation Depth (MD) From To Departed Loc Well Data Description New / Max Size ID Weiaht Thread Grade Top MD **Bottom** Top **Bottom** Used pressure in in lbm/ft ft MD TVD **TVD** psig ft Surface Hole 12.25 -675650 Surface Casing Unknow 8.625 8.097 24. 675. n 631 Sales/Rental/3rd Party (HES) MW Description Qty Qty uom Depth Supplier SHOE, GID, 8-5/8 8RD EΑ 1 RECEIVED VLVASSY, INSR FLOAT, 8-5/8 8RD, 24 lbs/ft 1 EΑ FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8 1 ĒΑ OCT 0 7 2010 CENTRALIZER ASSY - API - 8-5/8 CSG X 3 ΕA BASKET - CEMENT - 8 5/8 CSG X 12 1/4 1 ĒΑ KCC WICHITA PLUG, CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA EΑ **Tools and Accessories Type** Size Qty Make Depth Type Size Qty Make Depth Type Size Qtv 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 Miscellaneous Materials Gelling Agt Conc Surfactant Conc Acid Type Qty Conc % Treatment Fld Conc Inhibitor Conc Sand Type Size Qty

Summit Version: 7.20.130

Cementing Job Summary

| | | | | | Flu | id Data | | | | | | |
|------------|-------------------------------|---|---|------------|---------|------------|------------------------------|---------------------------------------|---------------------|---|---------------------------|---------------------------------------|
| S | tage/Plug #: 1 | | | | | | | | | | · | |
| Fluid # | Stage Type | Fluid Name | | | Qty | Qty uom | Mixing Density Ibm/gal | Yield ft3/sk | Mix Fluid Gal/sk | | Total Mix Fluid Gal/sk | |
| 1 | Water Pre-Flush | h | | | | bbl | 8.33 | .0 | .0 | 5.0 | | |
| 2 | Halliburton Light Standard | HALLIBURTON LIGHT STANDARD - SBM (12313) | | | | 230.0 | sacks | 12.4 | 2.09 | 11.42 | 5.0 | 11.42 |
| | 2 % | | IUM CHLORID | | PELLET | (100005 | 053) | | | | L | · · · · · · · · · · · · · · · · · · · |
| | 0.5 lbm | POLY | -E-FLAKE (101 | 216940) | | | | | | | | |
| | 11.423 Gal | | H WATER | | | | | , , , , , , , , , , , , , , , , , , , | | | | |
| 3 | Standard Cement | CMT - STANDARD CEMENT (100003684) | | | | 220.0 | sacks | 15.6 | 1.2 | 5.24 | 5.0 | 5.24 |
| | 94 lbm | CMT - | STANDARD - | CLASS A RE | G OR T | YPE I, BU | JLK (100 | 0003684) | l | | | |
| | 2 % | CALC | UM CHLORIDI | - HI TEST | PELLET | (1000050 | 053) | <u></u> | | T-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | 12 | |
| | 0.25 lbm | POLY- | E-FLAKE (101 | 216940) | | | | | | ****** | | |
| | 5.238 Gal | FRES | H WATER | | | | | | | 7-1200 | | |
| 4 | Displacement | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | 37.00 | bbl | 8.33 | .0 | .0 | 5.0 | |
| Ca | Iculated Values | ; | Pressu | res | | ' <u>-</u> | | V | olumes | | | |
| Displac | ement | Sh | ut In: Instant | | Lost Re | turns | | Cement SI | | | Pad | |
| | Cement | | /lin | | Cemen | t Returns | | Actual Dis | | nt | Treatme | ent |
| rac G | radient | 15 | Min | | Spacer | 3 | | Load and I | Breakdow | /n | Total Jo | |
| | | | | | R | ates | | | | | | |
| Circul | | | Mixing | | | Displac | ement | | | Avg. Jo | b | |
| | ent Left In Pipe | Amou | | ason Shoe | Joint | | | | | | | |
| Frac R | ing # 1 @ | ID | Frac ring # 2 | @ | D | Frac Rin | g#3@ | P | Fı | rac Ring # | 4@ | ID |
| Th | e Information | Stated | d Herein Is (| Correct | Custom | er Represe | Mative S | igrature | | | <u></u> | |

RECEIVED

OCT 0 7 2010

KCC WICHITA

Summit Version: 7.20.130

Thursday, June 03, 2010 05:24:00

Cementing Job Log

The Road to Excellence Starts with Safety

| | 7770 110 | TO LO LO | ACCIICI ICC | Julius Willi S | arety | | |
|---------------------------|---|-----------------|--------------|----------------|-----------------|------------------|--|
| Sold To #: 300466 | Ship To #: 2787 | 7549 | Qı | uote #: | Sales (| Order #: 7410507 | |
| Customer: ANADARKO PET | ROLEUM CORP - | EBUS | Cı | stomer Rep: | | | |
| Well Name: Mix | | Well #: | | | API/UWI #: | 91. VI | |
| Field: C | City (SAP): HUGOTON County/Parish: Stevens State: Kansa | | | | | | |
| Legal Description: | | | | | | | |
| Lat: | | | Lo | ng: | | | |
| Contractor: TRINIDAD | Rig/Pl | atform N | Name/Nu | m: 208 | | | |
| Job Purpose: Cement Surfa | | | | | Ticket Amount: | | |
| Well Type: Development We | ll Job T | /pe: Cer | nent Surf | ace Casing | | | |
| Sales Person: HESTON, MY | | | | H, BOBBY | MBU ID Emp #: 1 | 06036 | |
| Activity Description | Date/Time | Cht | Rate bbl/ | Volume | Pressure psig | Comments | |

| Sales Person: HESTON, MY | RON Srvc S | Supervis | | ITH, BOE | BBY | MBU ID Emp #: 106036 | | | | |
|--|---------------------|----------|---|----------|-----------|----------------------|----------------|--|--|--|
| Activity Description | Date/Time | Cht | Rate bbl/ min | 1 | ume bl | 1 | essure psig | Comments | | |
| | | # | | Stage | Total | Tubing | Casing | | | |
| Call Out | 06/02/2010 20:00 | | | | | | | | | |
| Depart Location Safety Meeting | 06/02/2010 22:00 | | , | | | | | | | |
| Arrive At Loc | 06/02/2010 23:00 | | | | | | | | | |
| Assessment Of Location Safety Meeting | 06/02/2010 23:00 | | | | | | | Rig is drilling | | |
| Pre-Rig Up Safety Meeting | 06/02/2010 23:10 | | , <u>, , , , , , , , , , , , , , , , , , </u> | | | | | | | |
| Rig-Up Completed | 06/02/2010 23:55 | | | | | | | | | |
| Other | 06/03/2010 02:00 | | | | | | | drill pipe out of the hole | | |
| Other | 06/03/2010 02:30 | | | | | | | casing going in the hole | | |
| Other | 06/03/2010 03:25 | | | | RE | CEIVE | þ | casing on bottom. rig circulating. | | |
| Safety Meeting - Pre Job | 06/03/2010 03:30 | | - | | 00 | T 0 7 2 | 010 | | | |
| Start Job | 06/03/2010 03:49 | | - | | KCC | WICH | TA | | | |
| Test Lines | 06/03/2010 03:50 | | - | | | | | | | |
| Pump Lead Cement | 06/03/2010 03:54 | | 5 | 85.6 | | | 100.0 | 250 sx = 517.5 ft3 = top of cement surface | | |
| Other | 06/03/2010 03:55 | | | | | | | mud returns | | |
| Pump Tail Cement | 06/03/2010 04:11 | | 5 | 47.01 | | | 200.0 | 220 sx = 264 ft3. top of cement 33 ft | | |
| Drop Top Plug | 06/03/2010 04:20 | | | | | | | | | |
| Pump Displacement | 06/03/2010 04:28 | | 5 | 0 | | | 50.0 | water | | |
| Bump Plug | 06/03/2010 04:39 | | 2 | 37.8 | | 300.0 | 900.0 | | | |

Sold To #: 300466

Ship To #:2787549

Quote #:

Sales Order #:

7410507

SUMMIT Version: 7.20.130

Thursday, June 03, 2010 05:23:00

Cementing Job Log

| Activity Description | Date/Time | Cht | Rate bbl/ min | Volume bbl | | Pressure psig | | Comments | |
|---|---------------------|-----|---------------------|---------------|-------|---------------|--------|---|--|
| | | # | | Stage | Total | Tubing | Casing | | |
| Release Casing Pressure | 06/03/2010 04:41 | | | | | | | float held | |
| End Job | 06/03/2010 04:42 | | | | | | 74 | 35 bbls of cement back to surface | |
| Safety Meeting - Pre Rig-Down | 06/03/2010 04:50 | | | | | 7 | | | |
| Rig-Down Completed | 06/03/2010 06:30 | | | | | | | | |
| Safety Meeting - Departing Location | 06/03/2010 10:30 | | | | | | | waited on the cat to pull the trucks off location | |
| Depart Location for Service Center or Other Site | 06/03/2010 11:00 | | | | | | | Thank you for calling Halliburton. Bob and crew. | |

RECEIVED OCT 0 7 2010 KCC WICHITA

Sold To #: 300466

Ship To #:2787549

Quote #:

Sales Order #:

7410507

SUMMIT Version:

7.20.130

Thursday, June 03, 2010 05:23:00

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 300466 Ship To #: 2787549 Quote #: Sales Order #: 7416979 Customer: ANADARKO PETROLEUM CORP - EBUS Customer Rep: Well Name: NIX H Well #: 2HP API/UWI #: Field: City (SAP): HUGOTON RECEIVED County/Parish: Stevens State: Kansas Contractor: TRINIDAD Rig/Platform Name/Num: TRINIDAD #208 OCT 0 7 2010 Job Purpose: Cement Production Casing Well Type: Development Well Job Type: Cement Production Casing MBU ID Emp #: 195811KCC WICHITA Sales Person: HESTON, MYRON Srvc Supervisor: WILTSHIRE, MERSHEK Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# LOPEZ, JUAN R 5.3 198514 SLATER, JOE P 5.3 106095 WILTSHIRE. 5.3 195811 MERSHEK Tonje Equipment HES Unit # Distance-1 way **HES Unit #** Distance-1 way **HES Unit #** Distance-1 way **HES Unit #** Distance-1 way **Job Hours** Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours TOTAL Total is the sum of each column separately Job **Job Times** Formation Name Date Time Time Zone Formation Depth (MD) Top **Bottom** Called Out 05 - Jun - 2010 04:00 CST Form Type BHST On Location 05 - Jun - 2010 07:30 CST Job depth MD Job Depth TVD 32703750. 11 3750-ft Job Started 05 - Jun - 2010 10:38 CST Water Depth Wk Ht Above Floor *321*0 Job Completed 05 - Jun - 2010 11:41 CST MUD Departed Loc Well Data Perforation Depth (MD) From То 05 - Jun - 2010 13:00 CST Description New / Max Size ID Weight Thread Grade Top MD **Bottom** Top **Bottom** Used pressure in lbm/ft in MD TVD TVD psig ft ft ft Production Open 7.875 675 3750. Hole 650 3270 5 1/2 Production Unknow 5.5 5.012 14. Casing 3270 Surface Casing Unknow 8.625 8 097 24 -675. 637 Sales/Rental/3rd Party (HES) Mul Description Qty uom Qty Depth Supplier SHOE, GID, 5-1/2 8RD EA PLUG ASSY,LTH-DWN,5 1/2 13-23#,F/ 2.875 1 EΑ BAFFLE ASSY - 5-1/2 8RD - LATCH-DOWN 1 EA CENTRALIZER ASSY - TURBO - API -14 EA KIT, HALL WELD-A 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

Summit Version: 7.20.130

Cementing Job Summary

| L | | | | | Mi | scellane | ous Ma | terials | ************************************** | *************************************** | | | | |
|------------|--------------------------|--------|----------------|----------------|---------------------------------------|----------|----------------|------------------------------|--|---|-----------------|------------------|---------|---|
| | ng Agt | | (| Conc | Surfact | ant | | Conc | Acid | Туре | | Qty | Conc | % |
| Treat | ment Fld | | į | Conc | Inhibito | r | | Conc | Sand | d Type | | Size | Qty | 1 |
| | | | | | | Flui | d Data | | | | | | | |
| S | tage/Plug | g #: 1 | | | | | | | | | ······ | | | - |
| Fluid # | Stage | Type | | Fluid Name | | Qty | Qty Qty uom | Mixing Density Ibm/gal | Yield ft3/sk | Mix Fluid Gal/sk | Rate bbl/min | Total Fluid G | | |
| 1 | Water P | re- | | | | | | bbl | 8.33 | .0 | .0 | 6.0 | | |
| 2 | MID-CO STANDAR | | MIDC (15078 | ON-2 CEMENT | STANDAR | RD - SBM | 200.0 | sacks | 11.4 | 2.89 | 17.84 | 6.0 | 17.8 | 4 |
| | 0.25 lbm | 1 | POLY- | -E-FLAKE (101 | 216940) | | | | | | | .I | | |
| | 17.838 G | al | FRES | H WATER | | | | | | | | | 10 | |
| 3 | 50/50 PC STANDAR | | POZ S | TANDARD 50 | /50 - SBM (| 12308) | 280.0 | sacks | 13.3 | 1.63 | 7.25 | 6.0 | 7.25 | |
| | 10 lbm | | KOL-S | EAL, BULK (1 | 00064233) | | | | | | | l | | |
| | 0.5 % | | HALAC | D(R)-322, 50 L | 3 (10000364 | 46) | | | × 14.2 | | | | | |
| | 0.25 lbm |) | POLY- | E-FLAKE (101 | 216940) | | | | | *************************************** | | | | |
| | 7.25 Gal | | FRESH | 1 WATER | | | *** | * " | | | | | | |
| 4 | 2% KCL | Water | | | | | T | bbl | 8.33 | .0 | .0 | 6.0 | 11.2.10 | |
| | w/ Biocide | - | | | | 1 | | | | | | | | |
| | Displacen | | 01.43/5 | | | | | | | | | | | |
| | 2.5 gal/Mg | | <u> </u> | IX 3, TOTETA | | 1425) | | | | | | | | |
| | 0.021 gal/b 42 gal/bb | | | TOTE TANK (1 | | | | | | | | | | |
| | | | | R - FRESH - G | <u> </u> | 1 | | | | | | | | |
| | alculated | values | | Pressur | es | | | | | lumes | | | | |
| | cement f Cement | | 5 N | ut in: Instant | | Lost Ret | | | Cement SI | | | Pad | | |
| | radient | | | Min | ·· | Cement | | | Actual Dis | | | Treatme | | |
| 140 0 | radicite | | 113 | 141111 | · · · · · · · · · · · · · · · · · · · | Spacers | tes | | Load and E | sreakdow | n | Total Jo | ob | |
| Circui | lating | | | Mixing | | Ra | Displac | 20000 | <u> </u> | | A | | | |
| | ent Left In | Pipe | Amoun | | son Shoe | Joint | Displac | ement | <u> </u> | | Avg. Jo | D | | |
| | Ring # 1 @ | | ID | Frac ring # 2 | | | rac Ring | #36 | ΙD | E- | ac Ring # | 4460 | ID | |
| | | | | Herein Is C | | Customer | Represer | tative)Sig | nature | STA | -10] | (6) | ן טוּ ן | |

RECEIVED OCT 0 7 2010 KCC WICHITA

Summit Version: 7.20.130

Cementing Job Log

The Road to Excellence Starts with Safety

| Sold To #: 300466 | Ship To #: | 2787549 | Quote #: | Sales Order #: 7416979 | | | | |
|------------------------|-----------------|--------------------------------------|--------------------------|------------------------|--|--|--|--|
| Customer: ANADARKO | PETROLEUM COF | RP - EBU | JS Customer Rep: | | | | | |
| Well Name: MIX | | We | II #: H2HP | API/UWI #: | | | | |
| Field: | City (SAP): HUG | OTON | County/Parish: Stevens | State: Kansas | | | | |
| Legal Description: | | | | | | | | |
| Lat: | | | Long: | | | | | |
| Contractor: TRINIDAD | Ri | Rig/Platform Name/Num: TRINIDAD #208 | | | | | | |
| Job Purpose: Cement Pr | oduction Casing | | | Ticket Amount: | | | | |
| Well Type: Development | Well Jo | b Type: | Cement Production Casing | | | | | |
| Sales Person: HESTON, | | vc Supe ERSHEK | rvisor: WILTSHIRE, | MBU ID Emp #: 195811 | | | | |

| Activity Description | Date/Time | Cht | Rate bbl/ min | | ume bi | 1 | ssure sig | Comments | |
|---------------------------|---------------------|-----|---------------------|-------|-----------|--------|--------------|------------------------------|--|
| | | # | | Stage | Total | Tubing | Casing | | |
| Call Out | 06/05/2010 04:00 | | | | | | | | |
| Arrive At Loc | 06/05/2010 07:30 | | | | | | | | |
| Pre-Job Safety Meeting | 06/05/2010 07:45 | | | | | | | | |
| Start Job | 06/05/2010 10:38 | | | | | | | 5 1/2" PRODUCTION CASING | |
| Test Lines | 06/05/2010 10:38 | | | | | | 3000. 0 | | |
| Pump Lead Cement | 06/05/2010 10:42 | | 5.5 | 103 | | | 480.0 | 200 SKS MIDCON 2 @ 11.4# | |
| Pump Tail Cement | 06/05/2010 10:59 | | 5.5 | 82 | | | 20.0 | 280 SKS 50/50 POZ @ 13.3# | |
| Drop Top Plug | 06/05/2010 11:14 | | 5.5 | | 185 | | 18.0 | END CEMENT | |
| Clean Lines | 06/05/2010 11:16 | | | | | | | | |
| Pump Displacement | 06/05/2010 11:21 | | 6 | 79 | | | .0 | RIG WATER | |
| Other | 06/05/2010 11:36 | | 2 | 69 | | | 750.0 | SLOW RATE | |
| Other | 06/05/2010 11:39 | | | | | | 800.0 | PRESSURE BEFORE LANDING PLUG | |
| Bump Plug | 06/05/2010 11:39 | | 2 | | 79 | | 1900. 0 | FLOAT HELD | |
| End Job | 06/05/2010 11:41 | | | | | | | | |
| Cement Returns to Surface | 06/05/2010 11:50 | | | | 38 | RECE | | 50 BBLS OF CEMENT TO PIT | |

RECEIVED

OCT 0 7 2010

KCC WICHITA Sales Order #:

7416979

Sold To #: 300466

Ship To #:2787549

Quote #:

SUMMIT Version: 7.20.130

Saturday, June 05, 2010 11:56:00