KANSAS CORPORATION COMMISSION

Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

# KANSAS CORPORATION COMMISSION
## OIL & GAS CONSERVATION DIVISION
# WELL PLUGGING RECORD
K.A.R. 82-3-117

MAY 18 2009
RECEIVED

Form CP-4
March 2009
Type or Print on this Form
Form must be Signed
All blanks must be Filled

OPERATOR: License #: 33325
Name: Petroleum Development Corporation
Address 1: 1775 Sherman Street, Suite 3000
Address 2:
City: Denver State: CO Zip: 80203 + ____
Contact Person: Larry Robbins
Phone: ( 303 ) 860-5822
KCC PKT Open
Type of Well: (Check one) ☐ Oil Well ☐ Gas Well ☐ OG ☑ D&A ☐ Cathodic
☐ Water Supply Well ☑ ~~Other: never drilled~~ ☐ SWD Permit #:
☐ ENHR Permit #: ☐ Gas Storage Permit #:
Is ACO-1 filed? ☑ Yes ☐ No If not, is well log attached? ☐ Yes ☑ No
Producing Formation(s): List All (If needed attach another sheet)
_____ Depth to Top: ____ Bottom: ____ T.D. ____
_____ Depth to Top: ____ Bottom: ____ T.D. ____
_____ Depth to Top: ____ Bottom: ____ T.D. ____

API No. 15 - 023-21020-0000
Spot Description:
__ - SE - NW - NW Sec. 18 Twp. 5 S. R. 39 ☐ East ☑ West
835 Feet from ☑ North / ☐ South Line of Section
1,310 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
County: Cheyenne
Lease Name: Wieck Well #: 11-18
Date Well Completed: N/A
The plugging proposal was approved on: 04/09/09 (Date)
by: Case Morris (KCC District Agent's Name)
Plugging Commenced: 04/27/09
Plugging Completed: 04/27/09

Show depth and thickness of all water, oil and gas formations.

| Oil, Gas or Water Records | | Casing Record (Surface, Conductor & Production) | | | |
|---|---|---|---|---|---|
| Formation | Content | Casing | Size | Setting Depth | Pulled Out |
| | | Surface | 11" | 402' | None |
| | | | | | |
| | | | | | |
| | | | | | |

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

MIRU Sanjel Coil Tubing & Sanjel Cementing Services. RIH with 1 1/2" coil tubing, tagged cement @ 320'. Pumped 5 bbls of fresh water to break circulation. Mixed and pumped 32 sacks of Control Set "C" cement (12.0 ppg, 2.45 cu.ft/sk) with 13.9 bbl of fresh water at 2 bbl/min rate. Circulated cement from 320' to surface. Flushed coil tubing with 5 bbl fresh water. Completed pumping job at 11:00 hours 4/27/09. Cut casing off 4' below ground level, welded on cap, backfilled circulation pit and area around casing. Darrell Dipman from the KCC was on location to witness operation.

Plugging Contractor License #: 34249 Name: Sanjel (USA) Inc.
Address 1: 400 Hadley Road Address 2:
City: Wray State: CO Zip: 80758 + ____
Phone: ( 970 ) 332-3570
Name of Party Responsible for Plugging Fees: ~~Larry Robbins~~ Petroleum Development Corp
State of Colorado County, Denver , ss.
KCC PKT Open
Larry Robbins (Print Name) ☑ Employee of Operator or ☐ Operator on above-described well,
being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.
Signature: Larry Robbins

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

**Stimulation and Remedial Cementing Service Report**

Sanjel

**SERVICE TICKET # 9134793**

| Client Name | Well Name | Job Date |
|---|---|---|
| Petroleum Develop Corp | Wieck 11-18 | April 27, 2009 |
| **Client Representative** | **Well Location** | **Job Type** |
| Mr. Chad Sailer | Sec18T5NR39W | P & A |

Well Data:

| Description | Size (in) | Weight (lb/ft) | Grade | Max. Pres. (psi) | True measured depth Start (ft) | True measured depth End (ft) | Capacity (bbls) | Packers and Workover Tools Type | Packers and Workover Tools TMD (ft) |
|---|---|---|---|---|---|---|---|---|---|
| Tubing | | | | | | | | Production Packer | |
| | | | | | | | | Retrievable Packer | |
| Casing | 7.00 | 17.00 | | | 0 | 320 | | Cement Retainer | |
| | | | | | | | | Bridge Plug | |
| Perforations/OH | | | | | | | | Selective Injection Packer | |
| | | | | | | | | | |
| | | | | | | | | | |

Formation Data :

| Name | Type | Well Type | Temp (F) | Pressure (psi) | Height Gross | Height Net | Permeability (mD) | Porosity (%) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

Fluid and Cement Data:

Wellbore Fluid: Type : Density: (lb/gal) Temp: (F) Water Bulk: Slurry:

| # | Sacks | Volume (bbls) | Density (lb/gal) | Yield ft^3/sk | Description | % - Additive | % - Additive | % - Additive | % - Additive |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5 | 8.3 | | H20 | | | | |
| 2 | 32 | 13.9 | 12 | 2.45 | Control Set C | WR 14.49 | | | |
| 3 | | 5 | 8.3 | | Displace H20 | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |

Fluid Compatability Testing:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Acid Titration: | (% HCl Equivalent) | | Compatability Tests | | | | |
| Stability: | Pass: | Fail: | N/A | Mesh Size: | Time at BHT: | | min. |
| Iron Control (Live Acid): | Pass: | Fail: | N/A | Live Acid: | Pass: | Fail: | N/A |
| Emulsion Break Time: | Live: | min: | | Spent Acid: | Pass: | Fail: | N/A |
| | Spent: | min: | | | | | |

Testing Witnessed by: Signature:

Treatment Report :

| Event | Time | Pressure (psi) Tubular | Pressure (psi) Annular | Rate bbls/min | Stage volume (bbls) | Total volume (bbls) | Injected In Formation (bbls/sks) | Remarks |
|---|---|---|---|---|---|---|---|---|
| 1 | 9:00 | - | - | - | - | - | | Arrive on location - Time Requested : |
| 2 | 10:00 | - | | | | | | Safety Meeting Held |
| 3 | 10:17 | - | - | - | - | - | | Pressure Test 3000 |
| 4 | 10:18 | 2000.0 | | 2.0 | 5.0 | 0.0 | | Fresh Ahead |
| 5 | 10:21 | 2300.0 | | 2.0 | 13.9 | 5.0 | | Cement |
| 6 | 10:30 | 2300.0 | | 2.0 | 5.0 | 15.9 | | Displace H20 |
| 7 | | | | | | | | |
| 8 | | | | | | | | |

Personnel & Equipment :

| | | | | | | |
|---|---|---|---|---|---|---|
| Employee | John Madsen | Mike Herworth | Ty Pratt | Trey Young | | Bin # |
| Employee | Lee Larson | | Dale Wells | Jamie Willet | | Bin # |
| Unit # | 200524 | 740060 | 746030 | 876003 | | MTS# |
| Arrive | 9:00 AM | | | | | MTS# |
| Depart | 11:00 | | | | | MTS# |

Service Comments: asing cement to surface as per ca

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