

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISIONForm ACO-1  
October 2008  
Form Must Be TypedWELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34348  
 Name: Blue Diamond Holdings, LLC  
 Address 1: 4595 K-33 Highway  
 Address 2: PO BOX 128  
 City: Wellsville State: KS Zip: 66092 +  
 Contact Person: Phil Frick  
 Phone: ( 785 ) 883-4057  
 CONTRACTOR: License # 33715  
 Name: Town Oilfield Service  
 Wellsite Geologist: None  
 Purchaser: Kelly L. MacLaskey Oilfield Services, Inc.

## Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover  
☐ Oil ☐ SWD ☐ SIOW  
☐ Gas ☒ ENHR ☐ SIGW  
☐ CM (Coal Bed Methane) ☐ Temp. Abd.  
☐ 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. ☐ Conv. to SWD  
☐ Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
☐ Commingled Docket No.: \_\_\_\_\_  
☐ Dual Completion Docket No.: \_\_\_\_\_  
☐ Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
4/18/10 4/19/10 4/19/10  
 Spud Date or Date Reached TD Completion Date or  
 Recompletion Date Recompletion Date

API No. 15 - 121-28762-0000

Spot Description: \_\_\_\_\_  
SE SW SW SW Sec. 31 Twp. 16 S. R. 24 ☒ East ☐ West  
290 Feet from ☐ North / ☒ South Line of Section  
4800 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SWCounty: MiamiLease Name: Paulsen Well #: BI-8Field Name: Paola-RantoulProducing Formation: CattlemanElevation: Ground: 947 (est) Kelly Bushing: NATotal Depth: 738.0' Plug Back Total Depth: 670.0'Amount of Surface Pipe Set and Cemented at: 20.0' FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: 700.7'feet depth to: surface w/ 97 sx cmt.

## Drilling Fluid Management Plan

(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: Marcia LittellTitle: Associate Date: 8/3/10Subscribed and sworn to before me this 3 day of AUGUST20 10Notary Public: Marcia LittellDate Commission Expires: 3-3-2014

## KCC Office Use ONLY

N Letter of Confidentiality Received☒ If Denied, Yes ☐ Date: \_\_\_\_\_☒ Wireline Log Received☒ Geologist Report Received☒ UIC DistributionAH 2-DG - 8/12/10

Operator Name: Blue Diamond Holdings, LLC Lease Name: Paulsen Well #: BI-8  
 Sec. 31 Twp. 16 S. R. 24 ☒ East ☐ West County: Miami

**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 <i>(Attach Additional Sheets)</i> <div style="display: flex; justify-content: flex-end;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No       </div> Samples Sent to Geological Survey <div style="display: flex; justify-content: flex-end;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No       </div> Cores Taken <div style="display: flex; justify-content: flex-end;"> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No       </div> Electric Log Run <div style="display: flex; justify-content: flex-end;"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No       </div> List All E. Logs Run: <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">           Gamma Ray/Neutron/CCL         </div>	<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Log         <span>Formation (Top), Depth and Datum</span> <input type="checkbox"/> Sample       </div> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 60%;">Name</th> <th style="width: 20%;">Top</th> <th style="width: 20%;">Datum</th> </tr> <tr> <td>Cattleman</td> <td>592</td> <td>+355 est</td> </tr> </table>	Name	Top	Datum	Cattleman	592	+355 est
Name	Top	Datum					
Cattleman	592	+355 est					

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	9 7/8"	7"	NA	20.0'	50/50 Poz	4 sx	See Service Co. Ticket
Production	5 5/8"	2 7/8"	NA	700.7'	50/50 Poz	97 sx	See Service Co. Ticket

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
3 spf	592.0 to 632.0 - 124 perfs - 2" DML RTG	<div style="border: 2px solid black; padding: 10px; margin: 0 auto; width: 150px;">           RECEIVED             AUG 06 2010             KCC WICHITA         </div>	

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. Pending Permit			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	
	NA	NA				

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Miami County, KS  
 Well: Paulsen BI-8  
 Lease Owner: BDH, LLC

Town Oilfield Service, Inc.  
 (913) 837-8400

Commenced Spudding:  
 4/18/10

WELL LOG

Thickness of Strata	Formation	Total Depth
0-10	Soil/Clay	10
7	Shale	17
3	Lime	20
38	Shale	58
14	Lime	72
15	Shale	87-Gas Odor
27	Lime	114-Winterset
7	Shale	121-Dark
19	Lime	140
4	Shale	144
4	Lime	148
1	Shale	149
6	Hertha	155
3	Shale	158
6	Sand	164-Oil, Good Bleed
164	Shale	328
10	Lime	338-Odor
10	Shale	348
2	Lime	350
10	Shale	360
6	Lime	366
3	Shale	369
1	Lime	370
12	Shale	382
8	Lime	390
16	Shale	406
4	Lime	410
6	Shale	416
3	Lime	419
18	Shale	437
7	Lime	444
36	Shale	480
70	Sand	550-Brown, Little Oil
18	Shale	568
2	Lime	570
10	Shale	580
12	Sandy Shale	592
1	Lime	593
8	Sand	601-Broken
8	Sand	609-Sand

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Miami County, KS

Well: Paulsen BI-8

Lease Owner: BDH, LLC

Town Oilfield Service, Inc.

(913) 837-8400

Commenced Spudding:

4/18/10

[illegible]

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**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
FAX 620/431-0012

INVOICE

Invoice # 233849

Invoice Date: 04/22/2010 Terms:

Page 1

BLUE DIAMOND HOLDINGS, LLC  
P.O. BOX 128  
WELLSVILLE KS 66092  
( ) -

PAULSEN BI-8  
22604  
SW 31-16-24 MI  
04/19/2010  
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	97.00	9.5500	926.35
1118B	PREMIUM GEL / BENTONITE	172.00	.1700	29.24
1111	GRANULATED SALT (50 #)	215.00	.3200	68.80
1110A	KOL SEAL (50# BAG)	510.00	.4000	204.00
4402	2 1/2" RUBBER PLUG	1.00	23.0000	23.00
1143	SILT SUSPENDER SS-630, ES	.50	37.2500	18.63
1401	HE 100 POLYMER	.50	45.7500	22.88

Description	Hours	Unit Price	Total
369 80 BBL VACUUM TRUCK (CEMENT)	2.50	96.00	240.00
495 CEMENT PUMP	1.00	900.00	900.00
495 EQUIPMENT MILEAGE (ONE WAY)	30.00	3.55	106.50
495 CASING FOOTAGE	701.00	.00	.00
510 MIN. BULK DELIVERY	1.00	305.00	305.00

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Parts: 1292.90 Freight: .00 Tax: 84.70 AR 2929.10  
Labor: .00 Misc: .00 Total: 2929.10  
Sublt: .00 Supplies: .00 Change: .00

Signed

Date



**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

# FIELD TICKET & TREATMENT REPORT CEMENT

TICKET NUMBER 22604  
LOCATION Ottawa KS  
FOREMAN Fred Mader

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4/19/10	1133	Paulsen # BI-8	SW 31	16	24	mi
CUSTOMER Blue Diamond Holdings LLC						
MAILING ADDRESS P.O. Box 128						
CITY Wellsville		STATE KS	ZIP CODE 66092			

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred	Safety	MK
495	Casey	CK	J
510	Derek	DM	
369	Chuck	CWL	

JOB TYPE Long string HOLE SIZE 5 5/8 HOLE DEPTH 710 CASING SIZE & WEIGHT 2 7/8" EUE  
CASING DEPTH 70' DRILL PIPE 2 7/8 TUBING Bottle Ring @ 670' OTHER  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" Plug  
DISPLACEMENT 3.9 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Establish circulation. Mix + Pump 1/2 Gal ESA-41 + 1/2 Gal HE-100 Polymer Flush. Circulate from pit to condition hole for 1 HR. Mix + Pump 102 SKS 50/50 for Mix Cement 2% Gel 5% Salt ~~1/2~~ 5# Kol Seal per sack. Cement to Surface. Flush pump + lines clean. Displace 2 1/2" Rubber Plug to casing TD w/ 3.9 BBL Fresh water. Pressure to 750# PSI Release pressure to set Float Valve. Shut in casing

TOWNS Drilling Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump		900 <sup>00</sup>
5406	30 mi	MILEAGE Pump Truck		106 <sup>50</sup>
5402	70'	Casing footage		N/C
5407	Minimum	Ton Miles		305 <sup>00</sup>
5502C	2 1/2 hrs	80 BBL Vac Truck		240 <sup>00</sup>
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1124	97 SKS	50/50 for Mix	AUG 06 2010	926 <sup>35</sup>
1116B	172 #	Premium Gel		29 <sup>24</sup>
1111	215 #	Granulated Salt	KCC WICHITA	68.80
1110A	510 #	Kol Seal		204.00
4402	1	2 1/2" Rubber Plug		23 <sup>00</sup>
1143	1/2 Gal	ESA-41		18 <sup>63</sup>
1401	1/2 Gal	HE-100 Polymer		22 <sup>85</sup>
WD# 233 849				8470
6.55%			SALES TAX	
			ESTIMATED	
			TOTAL	2

Ravin 3737

AUTHORIZATION [Signature]

TITLE \_\_\_\_\_

DATE 29.29.10

