

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL 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.: _____
4/20/10 4/21/10 4/21/10
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 121-28760-0000

Spot Description: _____
SE SE SW SW Sec. 31 Twp. 16 S. R. 24 ☒ East ☐ West
300 Feet from ☐ North / ☒ South Line of Section
4085 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

County: Miami

Lease Name: Paulsen Well #: BI-6

Field Name: Paola-Rantoul

Producing Formation: Cattleman

Elevation: Ground: 928 (est) Kelly Bushing: NA

Total Depth: 718.0' Plug Back Total Depth: 664.0'

Amount of Surface Pipe Set and Cemented at: 22.0' Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 694.0'

feet depth to: surface w/ 106 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.: _____

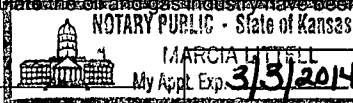
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

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 Littell



Title: Associate Date: 8/3/10

Subscribed and sworn to before me this 3 day of AUGUST

20 10

Notary Public: Marcia Littell

Date Commission Expires: 3-3-2014

N Letter of Confidentiality Received

If Denied, Yes ☐ Date: _____

☒ Wireline Log Received

☒ Geologist Report Received

☒ UIC Distribution

Alt 2 - Dg - 8/12/10

Operator Name: Blue Diamond Holdings, LLC Lease Name: Paulsen Well #: BI-6
 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 ☐ Yes ☒ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☐ Yes ☒ No Cores Taken ☐ Yes ☒ No Electric Log Run ☒ Yes ☐ No <i>(Submit Copy)</i> List All E. Logs Run: Gamma Ray/Neutron/CCL	☒ Log Formation (Top), Depth and Datum ☐ Sample <table style="width: 100%;"> <tr> <td style="width: 50%;">Name</td> <td style="width: 25%;">Top</td> <td style="width: 25%;">Datum</td> </tr> <tr> <td>Cattleman</td> <td>574</td> <td>+354 est</td> </tr> </table>	Name	Top	Datum	Cattleman	574	+354 est
Name	Top	Datum					
Cattleman	574	+354 est					

CASING RECORD ☐ New ☐ 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	22.0'	50/50 Poz	4 sx	See Service Co. Ticket
Production	5 5/8"	2 7/8"	NA	694.0'	50/50 Poz	106 sx	See Service Co. Ticket

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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	574.0 to 578.0 - 13 perfs - 2" DML RTG	RECEIVED AUG 06 2010 KCC WICHITA	
3 spf	586.0 to 600.0 - 44 perfs - 2" DML RTG		
TUBING RECORD: Size: Set At: Packer At:		Liner Run: ☐ Yes ☒ No	
Date of First, Resumed Production, SWD or Enhr. Pending Permit		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf NA	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Miami County, KS
Well: Paulsen BI-6
Lease Owner:BDH,LLC

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

Commenced Spudding:
4/20/10

WELL LOG

Thickness of Strata	Formation	Total Depth
15	Soil/Clay	15
22	Shale	37
14	Lime	51
15	Shale	66
26	Lime	92
7	Shale	99
20	Lime	119
5	Shale	124
2	Lime	126
4	Shale	130
5	Hertha	135
3	Shale	138
9	Sand	147-Oil, Good Bleed
159	Shale	306
9	Lime	315
2	Shale	317
16	Lime	333-Some bleed, Odor, Hard
6	Shale	339
5	Lime	344
6	Shale	350
3	Lime	353
9	Shale	362
5	Lime	367
30	Shale	397
6	Lime	403
15	Shale	418
3	Lime	421
35	Shale	456
79	Sand	535-Brown, Little Bleed
5	Shale	540-Black
24	Shale	564
5	Sand	569-No Show
5	Sandy Shale	574-Broken, Little Oil, 5%
3	Sand	577-Oil
9	Sand	586-Little to no show
14	Sand	600-Solid Oil
1	Sandy Shale	601
117	Shale	718-TD

RECEIVED
AUG 06 2010
KCC WICHITA

KCC WICHITA



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 # 233926

Invoice Date: 04/28/2010 Terms:

Page 1

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

PAULSEN BI-6
22610
SW 31-16-24 MI
04/21/2010
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	106.00	9.5500	1012.30
1118B	PREMIUM GEL / BENTONITE	198.00	.1700	33.66
1111	GRANULATED SALT (50 #)	248.00	.3200	79.36
1110A	KOL SEAL (50# BAG)	590.00	.4000	236.00
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
495 CEMENT PUMP	1.00	900.00	900.00
495 EQUIPMENT MILEAGE (ONE WAY)	30.00	3.55	106.50
495 CASING FOOTAGE	.00	.20	.00
510 MIN. BULK DELIVERY	1.00	305.00	305.00

RECEIVED
AUG 06 2010
KCC WICHITA

Parts: 1425.83 Freight: .00 Tax: 93.40 AR 2830.73
Labor: .00 Misc: .00 Total: 2830.73
Sublt: .00 Supplies: .00 Change: .00

Signed _____ Date _____

BARTLESVILLE, OK
918/338-0808

ELDORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

GILLETTE, WY
307/686-4914

MCALISTER, OK
918/426-7667

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

WORLAND, WY
307/347-4577



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 22610
LOCATION Ottawa KS
FOREMAN Fred Mader

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4/21/10	1133	Paulsen # BI-6	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	Mfg
			495	Casey	CK	F
			510	Derek	DM	

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 718 CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 694' DRILL PIPE Baffle Ring @ 664' OTHER
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug
DISPLACEMENT 3.86 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Establish circulation. Mix & Pump 1/2 Gal ESA-41 & 1/2 Gal
NE-100 Polymer Flush. Circulate from pit 1 HR to condition
hole. Mix & Pump 118 SKS 50/50 for Mix Cement 2% Gal 5% Salt
5# Kol Seal per sack. Cement to surface. Flush pump & lines
clean. Displace 2 1/2" Rubber plug to Baffle in casing w/ 3.86
BBL fresh water. Pressure to 750# PSI. Release pressure to set
float valve. Shut in casing.
705 Drilling
Driller supplied water.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump		900 ⁰⁰
5406	30 mi	MILEAGE Pump truck		106 ⁵⁰
5402	694'	casing footage		NK
5407	Minimum	Ten Miles		305 ⁰⁰
1124	106 SKS	50/50 For Mix Cement		1012 ³⁰
1118B	198 [#]	Premium Gal	RECEIVED	33 ⁶⁶
1111	248 [#]	Granulated Salt	AUG 06 2010	79 ³⁶
11104	590 [#]	Kol Seal		236 ⁰⁰
4402	1	2 1/2" Rubber Plug	KCC WICHITA	23 ⁰⁰
1143	1/2 Gal	ESA-41		18 ⁶³
1401	1/2 Gal	NE-100 Polymer		22 ⁰⁸
		WD#233926		
		6.55%	SALES TAX	93 ⁴⁰
			ESTIMATED TOTAL	2820 ⁷³

Ravin 3737

AUTHORIZATION No Co. Rep. on Site.

TITLE _____

DATE _____