



KANSAS CORPORATION COMMISSION 1097058
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 7076
Name: Black Diamond Oil, Inc.
Address 1: PO BOX 641
Address 2:
City: HAYS State: KS Zip: 67601 + 0641
Contact Person: Kenneth Vehige
Phone: (785) 625-5891
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Jeff Lawler
Purchaser: Coffeyville
Designate Type of Completion:

- New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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
 Conv. to GSW

Plug Back: Plug Back Total Depth

- Commingled Permit #:
 Dual Completion Permit #:
 SWD Permit #:
 ENHR Permit #:
 GSW Permit #:

02/07/2012 02/11/2012 04/13/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-137-20596-00-00
Spot Description: W/2-C-NW-NW NESWNWNW
NE SW NW NW Sec. 27 Twp. 4 S. R. 22 East West
670 Feet from North / South Line of Section
600 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Norton

Lease Name: Sansom Well #: 6

Field Name: Hansen Estate Northwest

Producing Formation: Lansing / KC

Elevation: Ground: 2269 Kelly Bushing: 2274

Total Depth: 3720 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 218 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1860 Feet

If Alternate II completion, cement circulated from: 1860

feet depth to: 0 w/ 575 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 800 ppm Fluid volume: 500 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Black Diamond Oil, Inc.

Lease Name: Sansom License #: 7076

Quarter NW Sec. 27 Twp. 4 S. R. 22 East West

County: Norton Permit #: D-28029

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received

Date: _____

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: Deanna Gamisor Date: 10/25/2012



1097058

Operator Name: Black Diamond Oil, Inc.

Lease Name: Sansom

Well #: 6

Sec. 27 Twp. 4 S. R. 22 East West

County: Norton

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1910	359
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3222	-953
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3424	-1155
		Lansing KC	3468	-1199

List All E. Logs Run:
Attached

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 Pipe	12.25	8.625	23	218	COMMON	150	3% cc, 2% gel
Production String	7.875	4.5	10.5	3502	COMMON	150	.25#flow, 10%salt

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				

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
1	3646-3648	250 g, 15 % MCA	
1	3635, 3634, 3584	1000 g, 15% MCA	
	3690	Bridge Plug	
1	3470-3471	250g, 15% MCA	

TUBING RECORD: Size: 2 3/8 Set At: 3635 Packer At: Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. 04/19/2012
Producing Method: Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
3	0	20			

DISPOSITION OF GAS:
 Vented Sold Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
 Open Hole Perf. Dually Comp. (Submit ACO-5) Commingled (Submit ACO-4) Other (Specify)

PRODUCTION INTERVAL:
3648-3470

Form	ACO1 - Well Completion
Operator	Black Diamond Oil, Inc.
Well Name	Sansom 6
Doc ID	1097058

All Electric Logs Run

Neutron/Density
Temp
Micro
Gamma Ray Sonic Bond
Dual Induction

API # 15-137-20596-00-00

Operator: Black Diamond Oil, Inc. Well Name & No: Sansom #6
 Location: 670 FNL & 600 FWL, Section 27-4s-22w County: Norton State: Kansas
 Rig No.: 6 Contractor: WW Drilling, LLC Tool Pusher: John Mayers 785-259-4392
 Drill Collars: 14 Size: 6 1/4 x 2 1/4 Rig Phone: 785-259-6941
 Make Pump: National K-380 Liner & Stroke: 6 x 14 Spud 2/8/2012 @ 3:15 PM
 Approx. TD: 3700 Elevation: 2264 K.B. 2269 KB Hole Complete: 2/11/2012 @ 11:15 PM
 Mud Co.: Andy's Mud Mud Engineer: Kirk Werth Water Well

Date	02/08/12	02/09/12	02/10/12	02/11/12	02/12/12	02/13/12			
Days	1-spud	2-drig	3-drig	4-drig	5-log	6-done			
Depth		523	2593	3459	3720				
Fl. Cut		523	2070	866	261				
D.T.		8-woc			1/4-DW air				
D.T.									
C.T.				1/2 Lost circ	11.25	15.75			
Bit Wt.	all	25,000	35000	38000	38000				
RPM	100	90	85	85	85				
Pressure	450	500	800	800	850				
SPM	60	60	60	60	60				
Mud Cost					7863				
Mud Wt		8.8	9.1	8.9	9.2				
Viscosity		28	29	60	60				
Water Loss					7.6				
Chlorides					800				
L.C.M.					2.5 #				
Dev. Sur		218 1/2'			3720-1'				
Dev. Sur									
Fuel	2106	4050	3564	3078	2754	2592			
Water-Pit		full	3'	full	3.5				
ACC Bit Hrs.		3	25.5	47.5	59.25				
Formation	sd-sh	sd-sh	sd-sh	sh-lm	sh-lm				
Weather	Lt. snow	cloudy	cloudy	cloudy	pty cldy				

No.	Size	Type	Out	Ft.	Hrs.	Cum Hrs.	Bit Cond	Serial #	Tops
1	12 1/4	Smith	218	218	2.25	2.25	RR	PD 6528	
2	7 7/8	Sm - F-27	3720	3502	59.25	61.5	New	PX 0138	ROP 60.5 FPH
3									
4									

DEPTH	SIZE	SACKS	CEMENT MATERIAL	PLUG DOWN	DRILLED OUT	REMARKS
218	8 5/8	150	Common, 3% cc, 2% gel	8:00 PM	4:00 AM	Allied Cem. Did circulate
3720	4 1/2	150-30	Common, bottom - rathole	8:45 PM	2/12/2012	Allied Cem.

NO	INTERVAL	OPEN	SHUT	OPEN	SHUT	RECOVERY
1						
2						
3						
4						
5						
6						
7						
8						
9						

Surface Casing Furnished by: Milden delivered 5 joints 23# 8 5/8 casing tally 211.26' set @ 217'.

Remarks: Strap & weld surface by WW, Anhydrite 1909'-1939', Lost circulation @ 2624 (80 bbls), Displace @ 2994 (560 bbls), Short trip @ 3720 39 stds (3 Hrs), Log by Superior LTD 3720' (3.75 Hrs), Ran 97 joints 10.5# 4 1/2 casing, set @ 3718.5' Port collar @ 1896. Release rig @ 10:45 PM on 2/12/2012.

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 626

Date	2-12-12	Sec.	27	Twp.	4	Range	22	County	Worton	State	KS	On Location		Finish	8:45pm
Lease	San Sam		Well No.	6		Location		Emond E R-5 211							
Contractor	JWW#6							Owner							
Type Job	Production String							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	7 7/8		T.D.	3720		Csg.		4 1/2 10.50#		Depth		3719			
Tbg. Size			Depth				Charge To		Black Diamond						
Tool Port Collar	#48		Depth		1896		Street								
Cement Left in Csg.	39.81		Shoe Joint		39.81		City		State						
Meas Line			Displace		58 1/2 BBL		The above was done to satisfaction and supervision of owner agent or contractor.								

EQUIPMENT

Pumptrk	15	No.	Cement Helper	Paul
Bulktrk		No.	Driver	Paul
Bulktrk	14	No.	Driver	Brian

Common 150
500 gal mud clear-48
Poz. Mix
Gel.

JOB SERVICES & REMARKS

Remarks: Break
Rat Hole 30%
Mouse Hole
Centralizers 2, 4, 8, 10
Baskets 2 + 4
D/V or Port Collar #48 @ 1896
4 1/2 size @ 3719 - Insert @ 3679
3rd Circulation Pump 500 gal mud
Clear-48 - Plug Rat hole Cement
4 1/2 with 120% Clear Lines - Displace
Plug - Plug land @ 1400 ft Hole
Release pressure W/.

Calcium
Hulls
Salt 13
Flowseal
Kol-Seal
Mud CLR 48 500 gal
CFL-117 or CD110 CAF 38
Sand
Handling 163
Mileage

FLOAT EQUIPMENT

Guide Shoe Port Collar
Centralizer 6 Turbo's
Baskets 2
AFU Inserts
Float Shoe 1
Latch Down 1

THANKS

- Retacher -

Pumptrk Charge
Mileage 57 Prod Long String

Tax
Discount
Total Charge

X Signature

Doc Paul

OPERATOR

Company: BLACK DIAMOND OIL, INC.
 Address: PO BOX 641
 HAYS, KS 67601

Contact Geologist: KENNETH VEHIGE
 Contact Phone Nbr: (785) 625-5891
 Well Name: SAMSON #6
 Location: NE SW NW NW 27-4S-22W
 Pool:
 State: KANSAS

API: 15-137-20596
 Field: HANSEN ESTATE NORTHWEST
 Country: USA

Scale 1:240 Imperial

Well Name: SAMSON #6
 Surface Location: NE SW NW NW 27-4S-22W
 Bottom Location:
 API: 15-137-20596
 License Number: 7076
 Spud Date: 2/7/2012 Time: 3:34 PM
 Region: NORTON Time: 11:17 PM
 Drilling Completed: 2/11/2011
 Surface Coordinates: 670' FNL & 600' FWL
 Bottom Hole Coordinates:
 Ground Elevation: 2264.00ft
 K.B. Elevation: 2269.00ft
 Logged Interval: 0.00ft To: 3720.00ft
 Total Depth: 3720.00ft
 Formation:
 Drilling Fluid Type: FRESH WATER/CHEMICAL GEL

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: -99.7936436 Latitude: 39.6808583
 N/S Co-ord: 670' FNL
 E/W Co-ord: 600' FWL

LOGGED BY

Company: SOLUTIONS CONSULTING
 Address: 108 W 35TH
 HAYS, KS 67601

Phone Nbr: (785) 259-3737
 Logged By: Geologist

Name: JEFF LAWLER

CONTRACTOR

Contractor: WW DRILLING, LLC
 Rig #: 6
 Rig Type: MUD ROTARY
 Spud Date: 2/7/2012 Time: 3:34 PM
 TD Date: 2/11/2011 Time: 11:17 PM
 Rig Release: 2/13/2012 Time: 12:00 AM

ELEVATIONS

K.B. Elevation: 2269.00ft Ground Elevation: 2264.00ft
 K.B. to Ground: 5.00ft

NOTES

NOTES

AFTER LOG ANALYSIS AND SAMPLE EXAMINATION 4 1/2" X 10.5# PRODUCTION CASING WAS RUN TO FURTHER EVALUATE ZONES OF INTEREST.

RESPECTFULLY SUBMITTED,
JEFF LAWLER

WELL COMPARISON SHEET

FORMATION	SAMSON #6		BLACK DIAMOND		BLACK DIAMOND		BLACK DIAMOND		BLACK DIAMOND		BLACK DIAMOND		BLACK DIAMOND		SWD	
	NE SW NW 27-4-22		WAGONER #1		SAMSON #4		SAMSON #1		SAMSON #3		SAMSON #3		SAMSON #3		SAMSON #3	
	KB 2269		KB 2253		KB 2254		KB 2253		KB 2244		KB 2244		KB 2244		KB 2244	
	LOG TOPS		SAMPLE TOPS		COMP. CARD		COMP. CARD		COMP. CARD		COMP. CARD		COMP. CARD		COMP. CARD	
	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR	DEPTH	DATUM	CORR	DEPTH	DATUM	CORR	DEPTH	DATUM	CORR
ANHYDRITE TOP	1910	359	1909	360	1885	368	8	1902	352	8	1886	367	7	1889	355	5
BASE	1939	330	1936	333				1928	326	7	1910	343	10	1920	324	9
TARKIO																
TOPEKA	3222	-953	3221	-952				3212	-958	6	3207	-954	2			
OREAD																
HEEBNER SHALE	3424	-1155	3422	-1153	3391	-1138	15	3412	-1158	5	3409	-1156	3	3397	-1153	0
TORONTO	3451	-1182	3450	-1181							3432	-1179	2	3426	-1182	1
DOUGLAS																
BROWN LIMB																
LKC	3468	-1199	3466	-1197	3436	-1183	14	3456	-1202	5	3454	-1201	4	3442	-1198	1
BKC	3656	-1387	3653	-1384	3620	-1367	17	3640	-1386	2	3635	-1382	2	3629	-1385	1
CONGLOMERATE/QTZ																
MISSISSIPPIAN																
VIOLA																
GORHAM SAND																
ARBuckle			3716	-1447	3691	-1438	9	3712	-1458	11	3684	-1431		3664	-1420	
RTD			3720	-1451	3691	-1438	13						3697	-1453	6	
LTD	3720	-1451									3702	-1449	2	3706	-1462	11
											3705	-1452		3699	-1455	

ROCK TYPES

Cht	Lmst fw7> shale, grn	Carbon Sh	Ss
Chtcong	shale, gry	shale, red	
Dolprim		Shcol	

ACCESSORIES

MINERAL	FOSSIL	STRINGER
• Sandy	◊ Oolite	• Chert

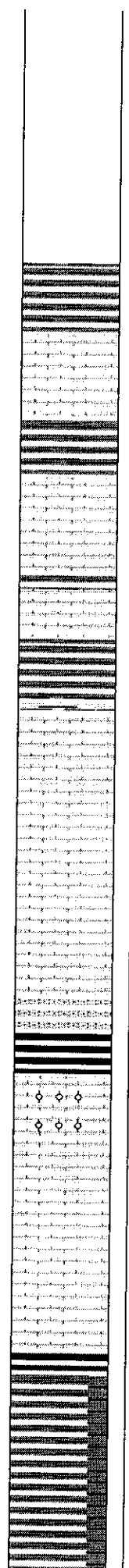
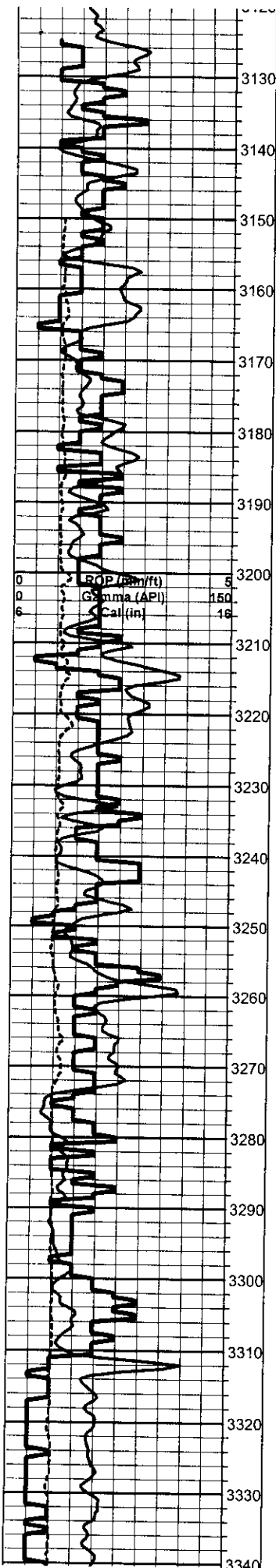
OTHER SYMBOLS

DST

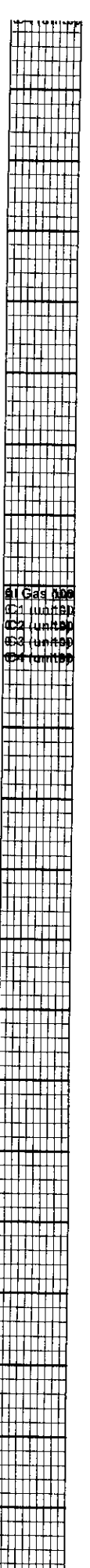
	DST Int
	DST alt
	Core

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

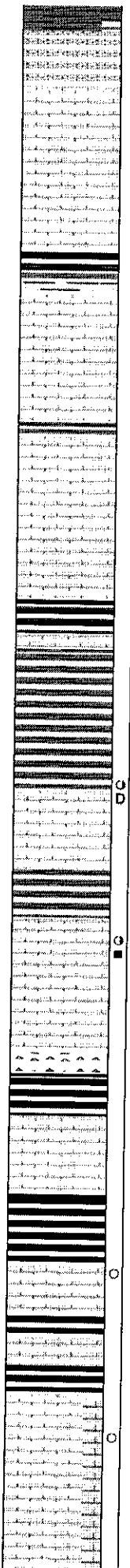
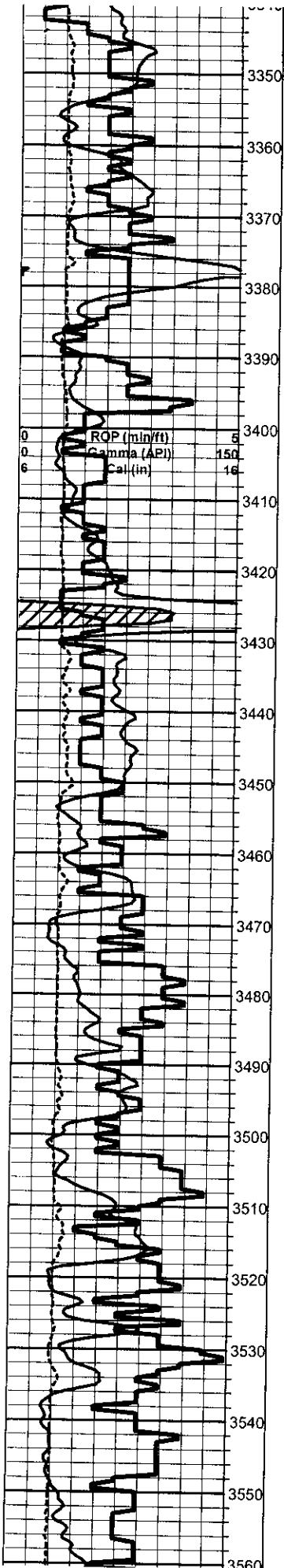
Curve Track #1		Depth Intervals	DST	Lithology	Oil Show	Geological Descriptions	G, C1 - C4 (units)
ROP (min/ft)	Gamma (API)						
0	150						
6	16						
<p>1:240 Imperial ROP (min/ft) 150 Gamma (API) 16 Cal (in) 16</p> <p>ANHYDRITE TOP 1909 (+360) E-LOG BASE 1939' (+333) E-LOG</p> <p>1' DRILL TIME FROM 3125 - RTD</p>							G, C1 - C4 Total Gas C1 (units) C2 (units) C3 (units) C4 (units)



- Sh- Gray Red, sticky argillaceous clumps
- Lm- Cream Tan Buff, Med gr., granular, mostly dense & well cemented, chalky in part
- Sh- Gray Maroon Lt Brown, gritty & earthy, mostly soft
- Lm- Buff Cream Tan, F-Med gr., dense, FSL w/ crinoids, chalky & silty, well cemented, scattered XLN porosity
- Sh- Gray, dense semi-sandy chips, chalky white chips
- Lm- Cream, Med XLN, gritty, FSL, chalky in part, scattered pinpoint porosity
- Sh- Lt & Drk Gray, Lime Green Maroon, mostly dense well compacted calcareous shales, few calcareous sandy shale
- TOPEKA 3221' (-952) E-LOG 3222' (-953) Lm- Off White Cream, VF-Med XLN, mostly semi-soft, slightly oolitic, few friable granular oolite clusters, scattered XLN porosity, clean & barren
- Lm/Chert- Cream Lt Yellow, F-Med, mix of cherty Ls, slightly unconsolidated oolitic chert, & dense sharp angular bedded chert
- Lm- Cream Tan, mostly granular dolomitic Ls, well developed w/ good pinpoint porosity, some soft & chalky in part
- Lm-Cream Tan, Med XLN, well developed w/ good consistent pinpoint porosity, slightly cherty granular Ls, few VF gr, well sorted semi-soft Ss
- Ss- Lt Gray, VF gr., well sorted, consolidated, dense, well cemented, some red wash
- Lm- Cream, Coarse XLN, abundant large oolites w/ dense siliceous cementation, well cemented w/ scattered pinpoint porosity
- Lm- Cream Tan, F-Med gr., mix of sharp angular bedded chert, dolomitic Ls, & slightly dolomitic bedded chert, well cemented, clean & barren
- Lm- Off White Cream, mostly dense, slightly chalky, well cemented, some coarse gr. oolitic Ls w/ pinpoint porosity, all clean & barren
- Lm- Buff, VF gr., dense, silty, w/ no visible porosity
- Sh- Black Gray Lt Brown, dense, calcareous, well compacted
- Sh- Brown Gray, abundant gritty brown wash



61 Gas (ft)
C1 (in)
C2 (in)
C3 (in)
C4 (in)



Ss- Lt Gray, VF gr., well sorted & consolidated, well cemented, consistent pinpoint porosity, clean & barren

Lm- Cream, F gr., gritty dense, semi-soft, pinpoint porosity, chalky in part

Sh- Gray Black Lime Green Maroon Brown, soft, some brown wash

Lm- Cream Buff, F gr., silty & chalky mostly, few dense well cemented chips w/ FSL remnants, fusulinids

Lm- Cream Buff, mostly F-Med XLN, dense siliceous Ls, oolitic, good pinpoint porosity & development, clean & barren

Sh- Lt Gray Maroon Deep Purple, dense, gritty chips

Lm- Off White Cream, VF-F, scattered XLN porosity, mostly dense w/ little visible porosity

HEEBNER 3422' (-1153) E-LOG 3424' (-1155) Sh- Black Gray, dense, carbonaceous, fissile

Sh- Gray, sticky argillaceous clumps

Sh- A/A, abundant gray & brown wash shale

TORONTO 3450' (-1181) E-LOG 3451' (-1182) Lm- Off White, VF-F gr., mostly dense, scattered development & pinpoint porosity, SCATTERED DRK STN, MOST CHIPS W/ SFO UPON CRUSH, INSTANT STREAMING WET CUT & FLOR 1-2 W/ COARSE XLN POROSITY, DRK FLAKEY STN UPON CRUSH, SLOW CLOUDY CUT & WEAK FLOR., NO ODR

LKC 3466' (-1197) E-LOG 3468' (-1199) Lm- Cream Tan, F-Coarse XLN, mostly oolitic FXLN, few chips COARSE XLN, WELL DEVELOPED W/ GOOD PINPOINT POROSITY, DRK HVY SCATTERED STN, FO UPON CRUSH, NO ODR, STREAMING WET CUT & FLOR

Lm- Cream, VFXLN, dense, siliceous, mostly cryptocrystalline w/ scattered XLN porosity

Chert- White Lt Gray, dense, sharp angular bedded chert

Lm- Cream Tan, Coarse gr., oolitic, well developed w/ good consistent vuggy porosity, SCATTERED DRK STN, NSFO, FR ODR

Sh- Abundant red wash

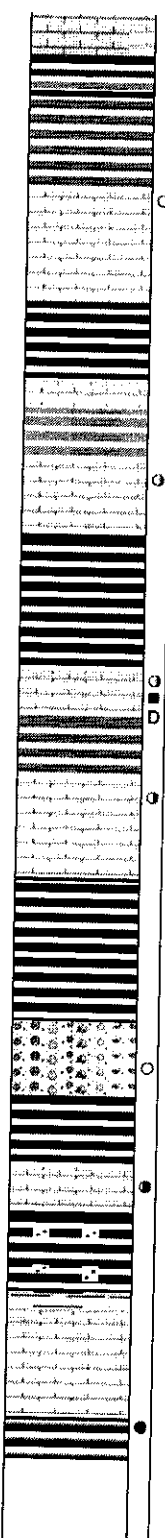
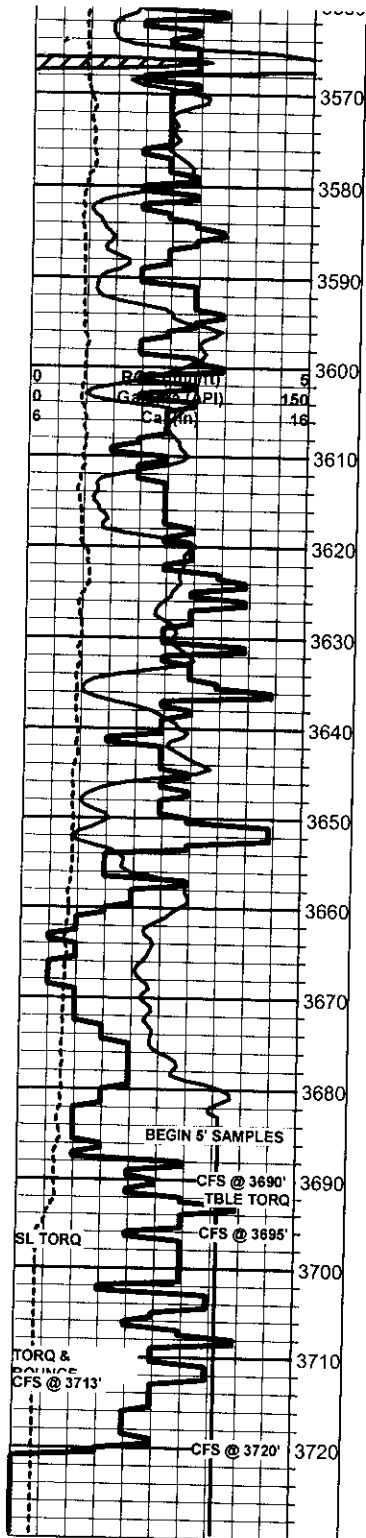
Lm- Tan, VF gr., mostly dense, scattered development and vuggy porosity, recrystallization w/in porosity, LT DRK BRWN STN, VERY FNT ODR

Lm- Cream Tan, VFXLN, dense & well cemented, poorly developed w/ little visible porosity, clean & barren

Lm- Off White, F-Med XLN, development towards top, oolitic w/ scattered vuggy porosity, LST GSY STN, NSFO, FR ODR

Lm- Cream, FXLN, dense, slightly cryptocrystalline, few chips of oolitic sharp bedded chert

G1 Gas 100
C1 (unit) 10
C2 (unit) 10
C3 (unit) 10
C4 (unit) 10



Sh- Black Gray Red Brown Lime Green, mostly gritty earthy

Lm- Off White Cream, F-Med XLN, oolitic, well developed w/ small vugular porosity towards top w/ LT GSY STN, FEW GLOBULES OF FO, FNT ODR

Lm- Buff Cream, Fine gr., mostly dense, minimal development, little visible porosity, well cemented, few chips of trashy gray, slightly unconsolidated

Lm- Cream Tan, VFXLN, slightly FSL w/ few fusulinids, chalky in part, tight w/ little visible porosity

Sh- Lt Brown Gray Red Maroon, dense silvers, Lt Brown wash

Lm- Cream Tan, Med-Coarse XLN, scattered development w/ pinpoint porosity, few massive chips, dense & well cemented, SCATTERED DRK STN, NSFO, SOME FLAKEY STN UPON CRUSH

Sh- Red Gray, abundant red wash, some sandy shales

Lm- Cream Tan, VF-Med XLN, very dense, scattered vuggy porosity, poorly interconnected, recrystallization w/in, DRK HVY DO STN, 1-2 CHIPS W HVY DRK FO UPON CRUSH, NO ODR, SLOW STREAMING WET CUT & FLOR.

Lm- Cream, Med-Coarse XLN, oolitic w/ scattered pinpoint porosity, some oolite clusters, DRK HVY STN, NSFO, NO ODR, GSY SHEEN

BKC 3653' (-1384) E-LOG 3656' (-1387) Sh- Red Lime Green Lt Brown, abundant various colored wash shale & argillaceous sticky clumps, chips of sandy shale

Sh- Red Gray Lime Green, abundant sandy shale & Ss, few chips of unconsolidated conglomerate chert & sharp angular bedded chert

Conglomerate- cherty shaley oolitic Ls, massive, dense, very scattered porosity, DRK SCATTERED STN, 1-2 FLOATING GLOBULES UPON CRUSH, NO ODR,

Sh- Red Lime Green wash

Lm- Cream Tan, Med-Coarse XLN, oolitic, massive, scattered pinpoint porosity, dolomite matrix, SATURATED HVY STN, HVY FO UPON CRUSH

Sh/Ss- Red Gray Dark Green, dense & well compacted. Ss- White/Lime Green tint, fine gr., limey fairly well sorted, clear to semi-frosted, friable, clean & barren

Mint Green wash

Lm- Off White, VFXLN, dense & well cemented, minimal visible porosity, clean & barren

ARBUCKLE 3716' (-1447) Sandy Dolomite- Off White, Med-Coarse, loosely cemented, SATURATED STN, NO ODR

60' smple - somewhat shaley w/ various colored shales

RTD 3720' (-1451) @ 23:17 2/11/2012

91 Gas
C1 unit
C2 unit
C3 unit
C4 unit