



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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 #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ 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 #: _____

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

County: _____ Permit #: _____

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: _____ Date: _____



1120216

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 6190

Date	11-13-12	Sec.	22	Twp.	5	Range	21	County	Norton	State	Ks	On Location		Finish	8:00		
Lease								Kemper A		Well No.		1					
Contractor								W-W		#6		Owner					
Type Job								Production		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.		3566'		Charge To		Black Diamond					
Csg.				5 1/2" 15,50 New		Depth		3565'		Street							
Tbg. Size						Depth				City		State					
Tool				Port collar		Depth		1707.29'		The above was done to satisfaction and supervision of owner agent or contractor							
Cement Left in Csg.				42.88'		Shoe Joint		42.88'		Cement Amount Ordered		175 sx Common 10% Salt					
Meas Line				Displace		83 3/4 BLS		5% Gilsomite - 500 gal mud Clear 48									
EQUIPMENT																	
Pumptrk		16	No.	Cementer		Helper		Troyis		Common		175					
Bulktrk		8	No.	Driver		Driver		Lonnie W.		Poz. Mix							
Bulktrk		p.u.	No.	Driver		Driver		Rick		Gel.							
JOB SERVICES & REMARKS																	
Remarks:								Salt		16							
Rat Hole								Flowseal									
Mouse Hole								Kol-Seal		875#							
Centralizers								Mud CLR 48		500 gal							
Baskets								CFL-117 or CD110 CAF		38							
D/V or Port Collar								#45 1707.29'		Sand							
pipe on bottom, break Circ.								Handling									
pump 500 gal Mud Clear 48								Mileage									
plug Rathole w/ 30 sx. Hook to								FLOAT EQUIPMENT									
Casing + mix 145 sx. Shyt down								Guide Shoe									
wash pump + lines. Released plug								Centralizer		6 turbo's							
+ Displaced with 83 3/4 BLS.								Baskets		3 weatherford							
Released + held								AFU Inserts		1 port collar							
Lift pressure 800 #								Float Shoe		1							
Land plug to 1400 #								Latch Down		1							
								1- Rotating head Assy		Did not use @ Customer's Request							
								Pumptrk Charge		prod long string							
								Mileage		66							
Signature								Tax									
Signature								Discount									
Signature								Total Charge									

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 6148

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-8-12	22	5	21	Worton	KS		630p
Lease Kemper A				Well No. 1		Owner	
Contractor WW #6				To Quality Oilwell Cementing, Inc.			
Type Job Surface				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 12 1/4		T.D. 218		Charge To Black Diamond			
Csg. 8 5/8		Depth 218		Street			
Tbg. Size		Depth		City		State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor			
Cement Left in Csg. 15'		Shoe Joint		Cement Amount Ordered 150 com 3 1/2 cc 20 lb bag			
Meas Line		Displace 13 BC		Common 150			
EQUIPMENT				Poz. Mix			
Pumptrk 9	No.	Cementer Co's		Gel. 3			
Bulktrk	No.	Driver Co's		Calcium 5			
Bulktrk 13	No.	Driver Heath		Hulls			
JOB SERVICES & REMARKS				Salt			
Remarks:				Flowseal			
Rat Hole				Kol-Seal			
Mouse Hole				Mud CLR 48			
Centralizers				CFL-117 or CD110 CAF 38			
Baskets				Sand			
D/V or Port Collar				Handling 158			
8 5/8 on bottom - Est. Circulation.				Mileage			
Mix 150 cc & Displace.				FLOAT EQUIPMENT			
Cement Circulated 1				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge Surface			
				Mileage 66			
				Tax			
				Discount			
				Total Charge			
X Signature <i>[Signature]</i>							

OPERATOR

Company: BLACK DIAMOND OIL, INC.
 Address: PO BOX 641
 HAYS, KANSAS 67601-0641

Contact Geologist: KEN VEHIGE
 Contact Phone Nbr: 785-625-5891
 Well Name: KEMPER A # 1
 Location: NE SW SW NE Sec 22-5s-21w
 Pool: WILDCAT
 State: KANSAS

API: 15-137-20,627-00-00
 Field: UN NAMED
 Country: USA

Scale 1:240 Imperial

Well Name: KEMPER A # 1
 Surface Location: NE SW SW NE Sec 22-5s-21w
 Bottom Location:
 API: 15-137-20,627-00-00
 License Number: 7076
 Spud Date: 11/8/2012
 Region: NORTON COUNTY
 Drilling Completed: 11/11/2012
 Surface Coordinates: 2100' FNL & 2200' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 2129.00ft
 K.B. Elevation: 2134.00ft
 Logged Interval: 3100.00ft
 Total Depth: 3566.00ft
 Formation: REAGAN SAND
 Drilling Fluid Type: CHEMICAL/FRESH WATER GEL

Time: 2:00 PM
 Time: 8:37 PM
 To: 3568.00ft

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: Latitude:
 N/S Co-ord: 2100' FNL
 E/W Co-ord: 2200' FEL

LOGGED BY

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

Phone Nbr: (785) 639-1337
 Logged By: Geologist
 Name: HERB DEINES

CONTRACTOR

Contractor: WW DRILLING, LLC
 Rig #: 6
 Rig Type: MUD ROTARY
 Spud Date: 11/8/2012
 TD Date: 11/11/2012
 Rig Release: 11/13/2012

Time: 2:00 PM
 Time: 8:37 PM
 Time: 9:00 AM

ELEVATIONS

K.B. Elevation: 2134.00ft
 K.B. to Ground: 5.00ft
 Ground Elevation: 2129.00ft

NOTES

RECOMMENDATION TO RUN PRODUCTION CASING TO FURTHER TEST THE REAGAN SAND BASED ON

POSITIVE RESULTS OF DST # 2.

OPEN HOLE LOGS: NONE RAN DUE TO BRIDGES DOWNHOLE.

CASED HOLE LOGS: LK WIRELINE- GAMMA RAY NEUTRON LOG W/ BOTTOM GAMMA

DRILL STEM TESTING BY: TRILOBITE TESTIG INC- ONE CONVENTIONAL TEST, ONE MIS RUN

FORMATION TOPS SUMMARY AND CHRONOLOGY OF DAILY ACTIVITY

KEMPER "A" # 1

2100' FNL & 2200' FEL, SE/4

Sec. 22-5s-21w


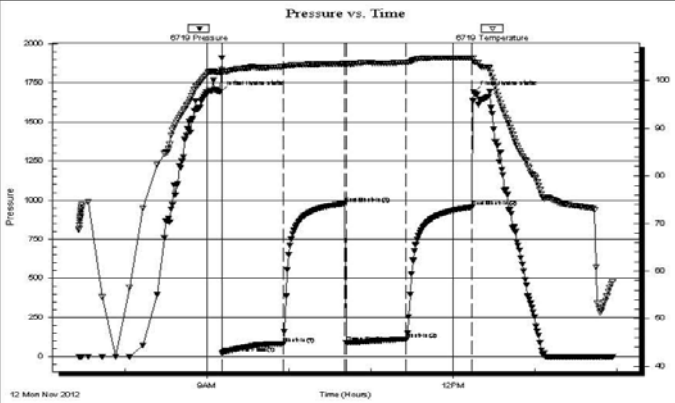
2129' GL 2134' KB

<u>FORMATION</u>	<u>SAMPLE TOPS</u>	<u>LOG TOPS</u>
Anhydrite	1726+ 408	1731+ 403
B-Anhydrite	1755+ 379	NOT LOGGED
Topeka	3140-1006	3145-1011
Heebner Shale	3284-1150	3288-1154
Toronto	3311-1177	3314-1180
LKC	3327-1193	3330-1196
BKC	3512-1378	3518-1384
Arbuckle	NOT FOUND	NOT FOUND
Reagan Sand	3564-1430	3568-1434
RTD	3566-1432	
LTD		3568-1434

SUMMARY OF DAILY ACTIVITY

- 11-08-12 Spud 2:00 PM, set 8 5/8" surface casing to 217' w/ 150 sxs common, 2%gel, 3%CC, plug down 6:30PM, Slope ¾ degree, WOC 8 hrs
- 11-09-12 677', drilling
- 11-10-12 2423', drilling,
- 11-11-12 3329', RTD 3566' 8:37 pm, short trip, CCH 1 ½ hrs, DST # 1 3508'-3566' Reagan Sand, hit bridge 19 stands in. lay down test tool and run bit to clean out bridges and condition hole.
- 11-12-12 3566', drill out bridge, CCH, DST # 2 3508'-3566', Reagan Sand, attempted to log well but hit more bridges, decision to run casing.
- 11-13-12 3566', LDDP, run casing, cement casing, RD

DST # 2 TEST SUMMARY

	<h3>DRILL STEM TEST REPORT</h3>																																						
Black Diamond Oil Inc. P.O. Box 641 Hays KS, 67601 ATTN: Herb Deines	22 - 5S - 21W Norton Kemper A-1 Job Ticket: 48158 DST#: 2 Test Start: 2012.11.12 @ 07:26:00																																						
GENERAL INFORMATION:																																							
Formation: Reagan Sand Deviated: No Whipstock: ft (KB) Time Tool Opened: 09:11:00 Time Test Ended: 13:57:00		Test Type: Conventional Bottom Hole (Reset) Tester: Ryan Nichols/James W Unit No: 57																																					
Interval: 3508.00 ft (KB) To 3566.00 ft (KB) (TVD) Total Depth: 3566.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Good		Reference Elevations: 2134.00 ft (KB) 2129.00 ft (CF) KB to GR/CF: 5.00 ft																																					
Serial #: 6719 Inside																																							
Press@RunDepth: 111.38 psig @ 3509.00 ft (KB) Start Date: 2012.11.12 End Date: 2012.11.12 Start Time: 07:26:05 End Time: 13:56:59	Capacity: 8000.00 psig Last Calib.: 2012.11.12 Time On Btm: 2012.11.12 @ 09:09:30 Time Off Btm: 2012.11.12 @ 12:15:00																																						
TEST COMMENT: 45 F - Blow built to 9' 45 IS - Surface blow back at 7 mins built to 1/16" 45 FF - Blow built to 8" 45 FSI - Surface blow back at 4 mins built to 1/16"																																							
	PRESSURE SUMMARY																																						
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<small>* Recovery from multiple tests</small>																																							

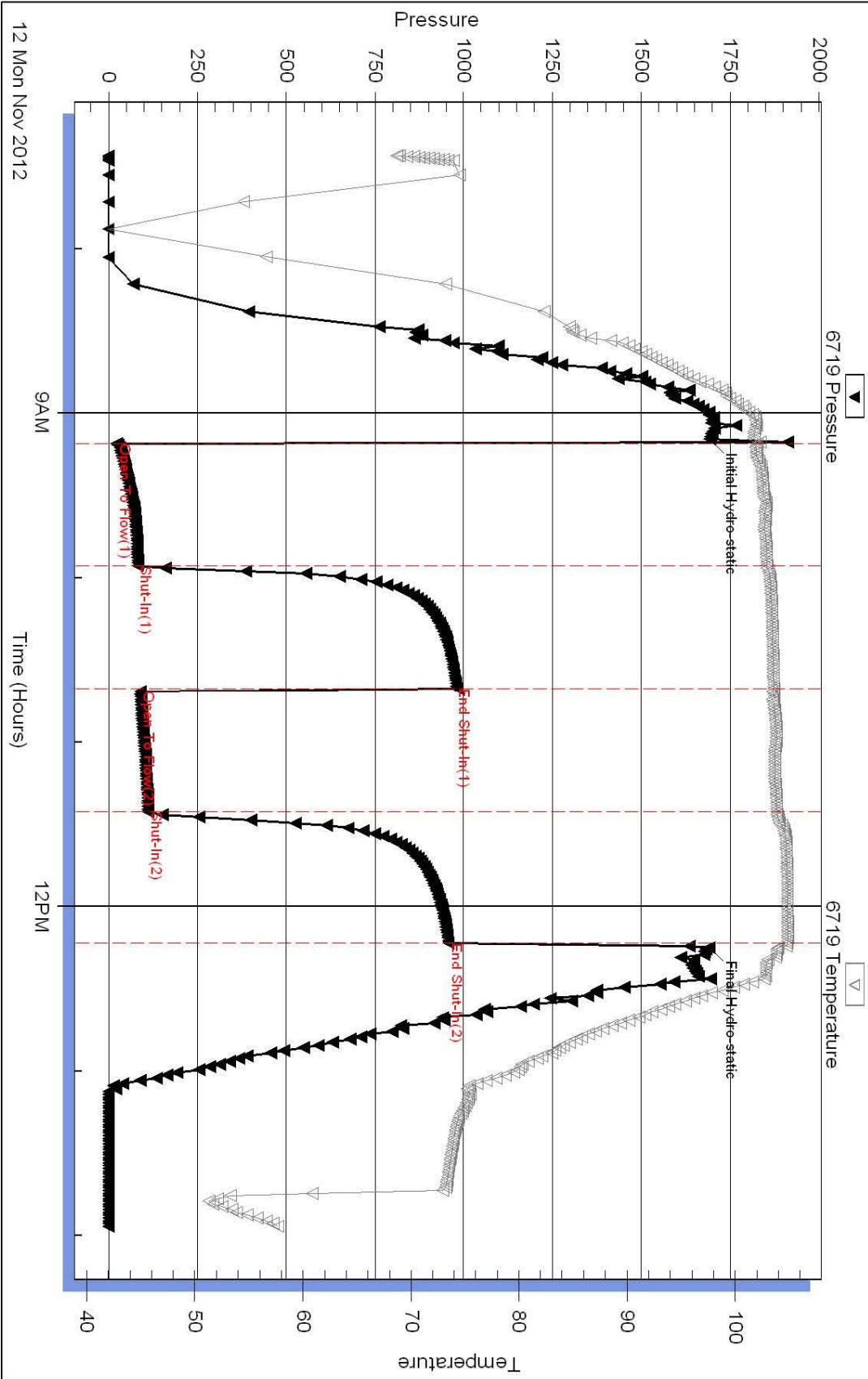
Trilobite Testing, Inc

Ref. No: 48158

Printed: 2012.11.12 @ 15:37:51

DST # 1 EXPANDED CHART

Pressure vs. Time



DST # 1 RECOVERY TABLE WITH VOLUMES



Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: in³
Resistivity: ohm.m
Salinity: ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Table with 3 columns: Length ft, Description, Volume bbl. Rows include So/WCM, ocm, and mo with their respective percentages and volumes.

Total Length: 237.00 ft Total Volume: 2.231 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

ROCK TYPES

Legend for rock types including Chert, Limestone (fw<7, fw>7), shale (gry, red), Carbon Shale, Sandstone (Ss, CglSandy), and Claystone (Clystgy, Clystcol).

ACCESSORIES

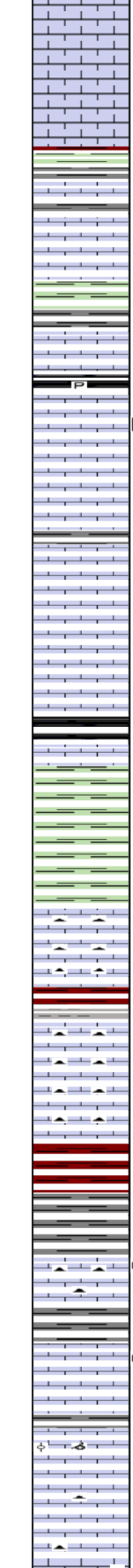
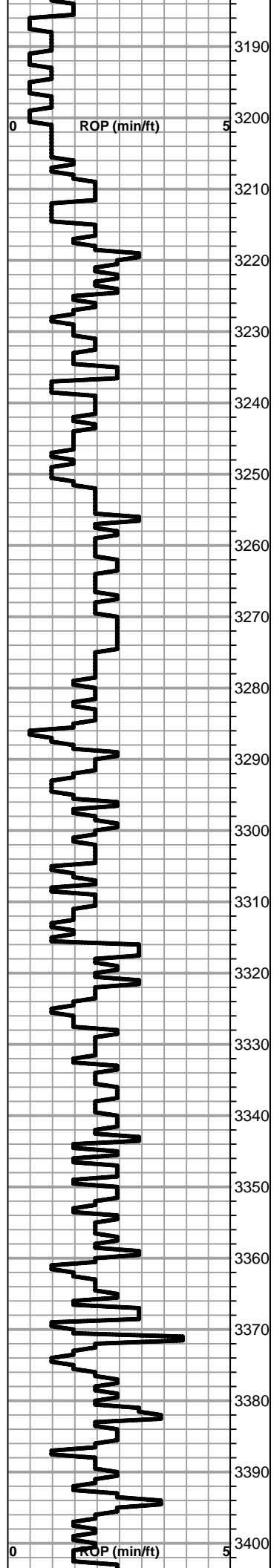
MINERAL
▲ Chert, dark
P Pyrite

FOSSIL
⊕ Oolite
⊕ Oomoldic

OTHER SYMBOLS

DST
■ DST Int
■ DST alt
■ Core

ROP (min/ft)	Depth Intervals Cored Interval DST Interval	DST	Lithology	Oil Show	Geological Descriptions
<p>1:240 Imperial ROP (min/ft)</p>	<p>3000 3010 3020 3030 3040 3050 3060 3070 3080 3090 3100 3110 3120 3130 3140 3150 3160 3170 3180</p>				<p>1:240 Imperial</p> <p>BEGIN 1' DRILL TIME FROM 3000' TO RTD BEGIN 10' WET AND DRY SAMPLES FROM 3100' TO RTD</p> <p>ANHYDRITE TOP 1731+403</p> <p>8 5/8" SURFACE CASING SET TO 217' W/ 150 SXS COMMON, 2%GEL, 3%CC</p> <p>SLOPE @ 218' 3/4 DEGREE</p> <p>Lime, lt-med brn-grayish brn, fnxln-granular</p> <p>Lime, lt brn, granular, NS</p> <p>Chert, tan, fresh, sharp</p> <p>Shale, med gray, firm, blocky, scattered fossil fragments and crinoid segments</p> <p><u>TOPEKA SPL 3140-1006</u></p> <p>Lime, crm, fnxln-granular, bedded chalk w/ white chalk wash Chert, tan, fresh, sharp</p> <p>Lime, crm-tan, fnxln-granular, bedded chalk with sticky clumps in part Chert, tan, fresh, sharp</p> <p>Lime, crm-tan, fnxln, lot of chalk and fresh chert</p> <p>Lime, lt-med brn, fnxln, slightly fossiliferous</p> <p>Shale, black carbonaceous, blocky</p>



Lime, crm-med brn, fnxln, chalk in part

Lime, crm-tan, fnxln-granular, bedded chalk, slightly fossiliferous

Shale, lime green-tan, forming soft mud with lt red wash in part

Lime, crm-lt brn, fnxln

Lime, offwhite-crm-tan, fnxln, slightly fossiliferous but cemented, chalk in part

Shale, lime green-lt gray forming soft mud

Lime, tan-lt brn, fnxln

Shale, black carbonaceous, blocky

Lime, tan-lt brn, mostly fnxln, thin zone with fine ppt porosity, speckled, NFO, No Odor

Lime, crm-tan, fnxln, light bedded chalk

Lime, crm-lt brn, fnxln, few fossil casts, slight bed chalk

Lime, crm-off white, fnxln, scattered fossil fragments

HEEBNER SHALE SPL 3284-1150

Shale, black carbonaceous, fissile, blocky

Lime, med brn, vfxln

Shale, tan-lime green, soft forming soft mud in part

TORONTO SPL 3311-1177

Lime, crm, fnxln-granular, chalk in part

Chert, tan-lt brnm

LKC SPL 3327-1193

Lime, crm, fnxln, bedded chalk

Chert, tan, fresh, sharp

Lime, crm-lt brn, fnxln, scattered fossils but cemented, bed chalk in part

Shale, red, soft forming soft mud

Lime, crm-lt brn, fn-vfxln, microcapsules containing free oil, hvy oil, no odor, scattered stain, smoky gray chert

Shale, gray-black, soft

Lime, crm-lt brn, fnxln, slight bed chalk, few chips with specks of hvy oil, no odor, scattered staining.

Lime, crm-tan, mostly fnxln, bed chalk,

Lime, crm-tan, fnxln, bed chalk, smoky gray chert

