

CONFIDENTIAL

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

12/8/12

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 # 5004
Name: Vincent Oil Corporation
Address 1: 155 N. Market, Suite 700
Address 2:
City: Wichita State: Kansas Zip: 67202 +
Contact Person: M.L. Korphage
Phone: (316) 262-3573
CONTRACTOR: License # 5929
Name: Duke Drilling Co. Inc
Wellsite Geologist: Ken LeBlanc
Purchaser: MVP LLC

API No. 15 - 057-20738-00-00
Spot Description: SE-NW-NW-SE
-SE NW NW SE Sec. 23 Twp. 28 S. R. 23 East West
3,268 Feet from North / South Line of Section
2,275 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ford
Lease Name: Keller Well #: 1-23
Field Name: Wildcat

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.):

Producing Formation: Morrow Sand
Elevation: Ground: 2493 Kelly Bushing: 2505
Total Depth: 5210' Plug Back Total Depth: 5209'
Amount of Surface Pipe Set and Cemented at: 652 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 crmt.

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 #:

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 18,200 ppm Fluid volume: 900 bbls
Dewatering method used: Allow to dry by evaporation, backfill and return to grade
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. East West
County: Permit #:

8/10/2011 8/21/2011 10/5/2011
Spud Date or 8/10/2011 Date Reached TD 8/21/2011 Completion Date or 10/5/2011
Recompletion Date 8/10/2011 Date Reached TD 8/21/2011 Completion Date or 10/5/2011
Recompletion Date

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 N. 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 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.

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.

Signature: M.L. Korphage
Title: Geologist Date: 12/08/2011

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 12.08.11 - 12.08.12
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: [Signature] Date: 12-21-11

Operator Name: Vincent Oil Corporation Lease Name: Keller Well #: 1-23
 Sec. 23 Twp. 28 S. R. 23 East West County: Ford

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction, Neutron - Density, Micro-log, and Sonic log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Brown Limestone</td> <td>4468</td> <td>(-1963)</td> </tr> <tr> <td>Lansing</td> <td>4474</td> <td>(-1969)</td> </tr> <tr> <td>Stark Shale</td> <td>4804</td> <td>(-2299)</td> </tr> <tr> <td>Pawnee</td> <td>5004</td> <td>(-2499)</td> </tr> <tr> <td>Cherokee Shale</td> <td>5053</td> <td>(-2548)</td> </tr> <tr> <td>Base Penn Limestone</td> <td>5149</td> <td>(-2644)</td> </tr> <tr> <td>Morrow Sand</td> <td>5192</td> <td>(-2687)</td> </tr> </table>	Name	Top	Datum	Brown Limestone	4468	(-1963)	Lansing	4474	(-1969)	Stark Shale	4804	(-2299)	Pawnee	5004	(-2499)	Cherokee Shale	5053	(-2548)	Base Penn Limestone	5149	(-2644)	Morrow Sand	5192	(-2687)
Name	Top	Datum																							
Brown Limestone	4468	(-1963)																							
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Stark Shale	4804	(-2299)																							
Pawnee	5004	(-2499)																							
Cherokee Shale	5053	(-2548)																							
Base Penn Limestone	5149	(-2644)																							
Morrow Sand	5192	(-2687)																							

CASING RECORD <input checked="" 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 Casing	12.25	8 5/8"	23#	652'	65 / 35 POZ	200 SX	(6% Gel, 3% CC & 1/4# Col-flocc/sx)
" "					Common	100 sx	(2% Gel, 3% CC & 1/4# Col-flocc/sx)
Production Casing		5.5"	14#	5209'	ASC	170 sx	(5# Kol-seal / sx)

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
4 SPF	Cleaned out cmt in casing to 5206'; Perf 5194' to 5200' w/ 4 SPF;	ran 2 7/8" tubing, swabbing load water, hit blockage at	
	1800' unable to go below 1800', pulled tubing, removed blockage,	SDFN; ran tubing to 5151', swabbed with oil % inc.,	
	final rate 5.2 bbls (100% oil), SDFN, SICP100#, SITP 150#,	ran DHP and rods, set surface production equipment,	
	Turned well to production on 10/5/2011, IP: 140 BOPD and 12 BWPD		

TUBING RECORD:		Size: <u>2 7/8"</u>	Set At: <u>5151'</u>	Packer At: <u>None</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.		Producing Method: <input type="checkbox"/> Flowing <input checked="" 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
	140 BOPD		12 BWPD		

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Morrow 5194' to 5200'</u>
---	--	--

ALLIED CEMENTING CO., LLC. 037261

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend

DATE <u>8-21-11</u>	SEC <u>23</u>	TWP <u>28S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 AM</u>	JOB FINISH <u>9:30 AM</u>
LEASE <u>Mellor</u>	WELL # <u>1-23</u>	LOCATION <u>Near 41-23 down 3 Toward</u>			COUNTY <u>Good</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				RD <u>1 W 1 N 1.3 W South-70</u>			

CONTRACTOR <u>Quoc Rig 1</u>	OWNER <u>Vincent oil Co-P</u>
TYPE OF JOB	
HOLE SIZE	#TD. <u>5210</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>5213</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>12.75</u>
CEMENT LEFT IN CSG. <u>12.75</u>	
PERFS.	
DISPLACEMENT <u>126.88 BBLs</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Wayne</u>	
# <u>398</u> HELPER <u>G. C.</u>	
BULK TRUCK	
# <u>482-188</u> DRIVER <u>Jack D</u>	
BULK TRUCK	
# DRIVER	
CEMENT	
AMOUNT ORDERED <u>1705X Class A ASC</u>	
<u>+ 5 gal Kolsal + 5 gal 21-160</u>	
<u>505X 60/40 + 420 Gal + 1/2 1105001</u>	
COMMON <u>30</u>	@ <u>16.25</u> <u>487.50</u>
POZMIX <u>20</u>	@ <u>8.50</u> <u>170.00</u>
GEL <u>1</u>	@ <u>21.25</u> <u>21.25</u>
CHLORIDE	@
ASC <u>1705X</u>	@ <u>19.00</u> <u>3,230.00</u>
<u>500 gal mud flush</u>	@ <u>1.27</u> <u>635.00</u>
<u>13 Gal UCL</u>	@ <u>31.25</u> <u>406.25</u>
	@
<u>FL 160</u>	<u>85</u> @ <u>17.20</u> <u>1,462.00</u>
<u>Kol Seal</u>	<u>875</u> @ <u>.85</u> <u>778.75</u>
	@
	@
	@
HANDLING <u>240</u>	@ <u>2.25</u> <u>540.00</u>
MILEAGE <u>240 X 75 x 11</u>	<u>1980.00</u>
TOTAL	<u>9,710.70</u>

REMARKS:
P. Draw Bottom Break circulation
with Rig mud circulates well. I have
run 3 BBLs fresh water mix 500 Gal
ASF 3 BBLs behind fresh water
Kolsal mix 200X 60/40 + 4% + 1/2 flt
Move hole mix 255X MIX 1705X
Class A + ASC + 5 gal Kolsal + 5 gal 21-160
Release plus 0.50 gal BALS with 250
UCL. Hand plug at 150PSI
Released and held

CHARGE TO: Vincent oil Co-P
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE	
DEPTH OF JOB <u>5213</u>	
PUMP TRUCK CHARGE	<u>2185.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>Hum</u>	@ <u>7.00</u> <u>1050.00</u>
MANIFOLD <u>Head Rent</u>	@ <u>200.00</u> <u>200.00</u>
<u>Hum</u>	@ <u>4.00</u> <u>600.00</u>
	@
TOTAL	<u>4035.00</u>

PLUG & FLOAT EQUIPMENT	
<u>1 Guide shoe</u>	@ <u>240.00</u> <u>240.00</u>
<u>1 Air Insect</u>	@ <u>286.00</u> <u>286.00</u>
<u>10 Centrifuges</u>	@ <u>29.40</u> <u>294.00</u>
<u>1 Rubber Plug</u>	@ <u>73.00</u> <u>73.00</u>
	@
TOTAL	<u>893.00</u>

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Pat Livingston
SIGNATURE Pat Livingston

SALES TAX (If Any) _____
TOTAL CHARGES 14638.70
DISCOUNT 4161.94 IF PAID IN 30 DAYS
10,476.76

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QUALITY WELL SERVICE, INC.

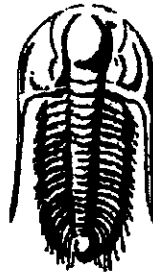
5279

Home Office 324 Simpson St., Pratt, KS 67124

Todd's Cell 620-388-5422
Office / Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	8-11-11	Sec.	23	Twp.	23	Range	23	County	FORD	State	KI	On Location		Finish	12:00 AM	
Lease	KEELER	Well No.	1-23		Location Kingsman 2N to Wilbren Rd 1W											
Contractor	Duke Delg #1							Owner	3N 1/2 W S D110							
Type Job	SURFACE							To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.								
Hole Size	12 1/4		T.D.	654												
Csg.	8 5/8		Depth	654.06												
Tbg. Size			Depth													
Tool			Depth													
Cement Left in Csg.			Shoe Joint	47.22												
Meas Line			Displace	39.2 Bbl												
EQUIPMENT							122x Common 2 1/2 GEL 3 1/2 CL 1/4" CF.									
Pumptrk	3	No.	TODD													
Bulktrk	7	No.	DEBBL													
Bulktrk	4	No.	BESAT													
Pickup		No.	MICK													
JOB SERVICES & REMARKS							Hulls									
Rat Hole	RECEIVED															
Mouse Hole	DEC 08 2011															
Centralizers	KCC WICHITA															
Baskets																
D/V or Port Collar																
Run 15 ft's 8 5/8 23" csg	Sand															
SET @ 652	Handling 345															
	Mileage 40															
MIX: Pump 220x 65/35	8 5/8 FLOAT EQUIPMENT															
6 1/2 GEL 3 1/2 CL 1/4" CF.	Guide Shoe															
13.3 1/2 GAL 1.01 ft 3	Centralizer															
	Baskets															
MIX: Pump x Common	AFU Inserts															
2 1/2 GEL 3 1/2 CL 1/4" CF.	Float Shoe															
15 1/2 GAL 1.36 ft 3	Latch Down															
SHUT DOWN RELEASE PLUG	1 Baffle Plate															
Disp 39.2 Bbl total	1 Wooden Plug															
CLOSE VALVE on csg 250" 11.15	Pumptrk Charge Surface CONFIDENTIAL															
Bring CBL 100 JDS CBL CNT TO P/L	Mileage 40 DEC 08 2012															
Thank	KCC Tax															
TODD WILSON	Discount															
X Signature	Total Charge															



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Co**

155 N Market Ste 700
Wichita, KS 67202

ATTN: Ken LeBlanc

23-28S-23W Ford,KS

Keller #1-23

Start Date: 2011.08.18 @ 19:57:51

End Date: 2011.08.19 @ 02:05:36

Job Ticket #: 43947 DST #: 1

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Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

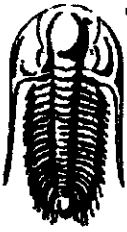
ph: 785-625-4778 fax: 785-625-5620

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11/18/12 09:11:20 Vincent Oil Co Keller #1-23 23-28S-23W Ford,KS DST # 1 Basal Penn 2011.08.18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Co
155 N Market Ste 700
Wichita, KS 67202
ATTN: Ken LeBlanc

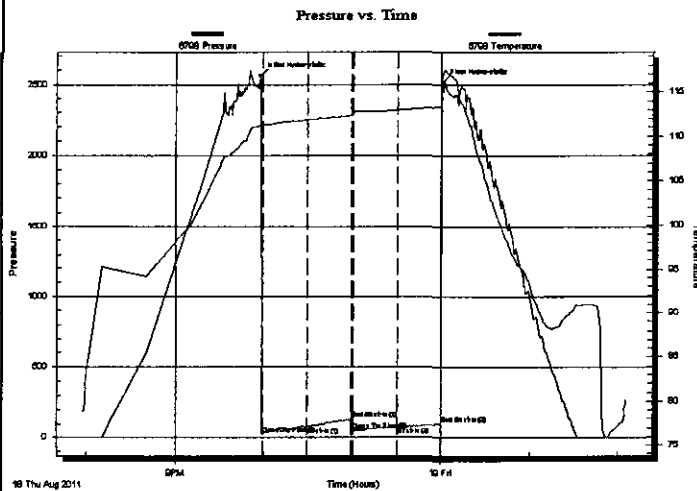
Keller #1-23
23-28S-23W Ford,KS
Job Ticket: 43947 **DST#: 1**
Test Start: 2011.08.18 @ 19:57:51

GENERAL INFORMATION:

Formation: **Basal Penn**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:59:06
 Time Test Ended: 02:05:36
 Interval: **5097.00 ft (KB) To 5190.00 ft (KB) (TVD)**
 Total Depth: 5190.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: 2505.00 ft (KB)
 2493.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6798 Inside
 Press@RunDepth: 78.89 psig @ 5098.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.18 End Date: 2011.08.19 Last Calib.: 2011.08.19
 Start Time: 19:57:52 End Time: 02:05:36 Time On Btmr: 2011.08.18 @ 21:57:06
 Time Off Btmr: 2011.08.19 @ 00:00:51

TEST COMMENT: IF: Weak Surface Blow, Dead @ 14 minutes
 IS: No Blow
 FF: No Blow
 FS: No Blow



PRESSURE SUMMARY

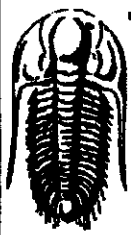
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2561.41	111.17	Initial Hydro-static
2	26.52	111.10	Open To Flow (1)
33	79.54	111.87	Shut-In(1)
63	129.24	112.33	End Shut-In(1)
64	49.26	112.70	Open To Flow (2)
94	78.89	112.93	Shut-In(2)
123	97.00	113.33	End Shut-In(2)
124	2509.67	116.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.14

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mc/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Vincent Oil Co
155 N Market Ste 700
Wichita, KS 67202
ATTN: Ken LeBlanc

Keller #1-23
23-28S-23W Ford,KS
Job Ticket: 43947 DST#: 1
Test Start: 2011.08.18 @ 19:57:51

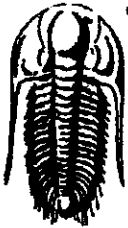
Tool Information

Drill Pipe:	Length: 5103.00 ft	Diameter: 3.80 inches	Volume: 71.58 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 71.58 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	5097.00 ft			Final 590000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	93.00 ft			
Tool Length:	120.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:
Bottom Packer is a Shale Packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5075.00	
Hydraulic tool	5.00			5080.00	
Jars	5.00			5085.00	
Safety Joint	2.00			5087.00	
Packer	5.00			5092.00	27.00 Bottom Of Top Packer
Packer	5.00			5097.00	
Stubb	1.00			5098.00	
Recorder	0.00	6798	Inside	5098.00	
Recorder	0.00	8367	Outside	5098.00	
Perforations	19.00			5117.00	
Change Over Sub	1.00			5118.00	
Drill Pipe	63.00			5181.00	
Change Over Sub	1.00			5182.00	
Perforations	5.00			5187.00	
Bullnose	3.00			5190.00	93.00 Bottom Packers & Anchor

Total Tool Length: 120.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Co
155 N Market Ste 700
Wchita, KS 67202
ATTN: Ken LeBlanc

Keller #1-23
23-28S-23W Ford,KS
Job Ticket: 43947 **DST#: 1**
Test Start: 2011.08.18 @ 19:57:51

Mud and Cushion Information

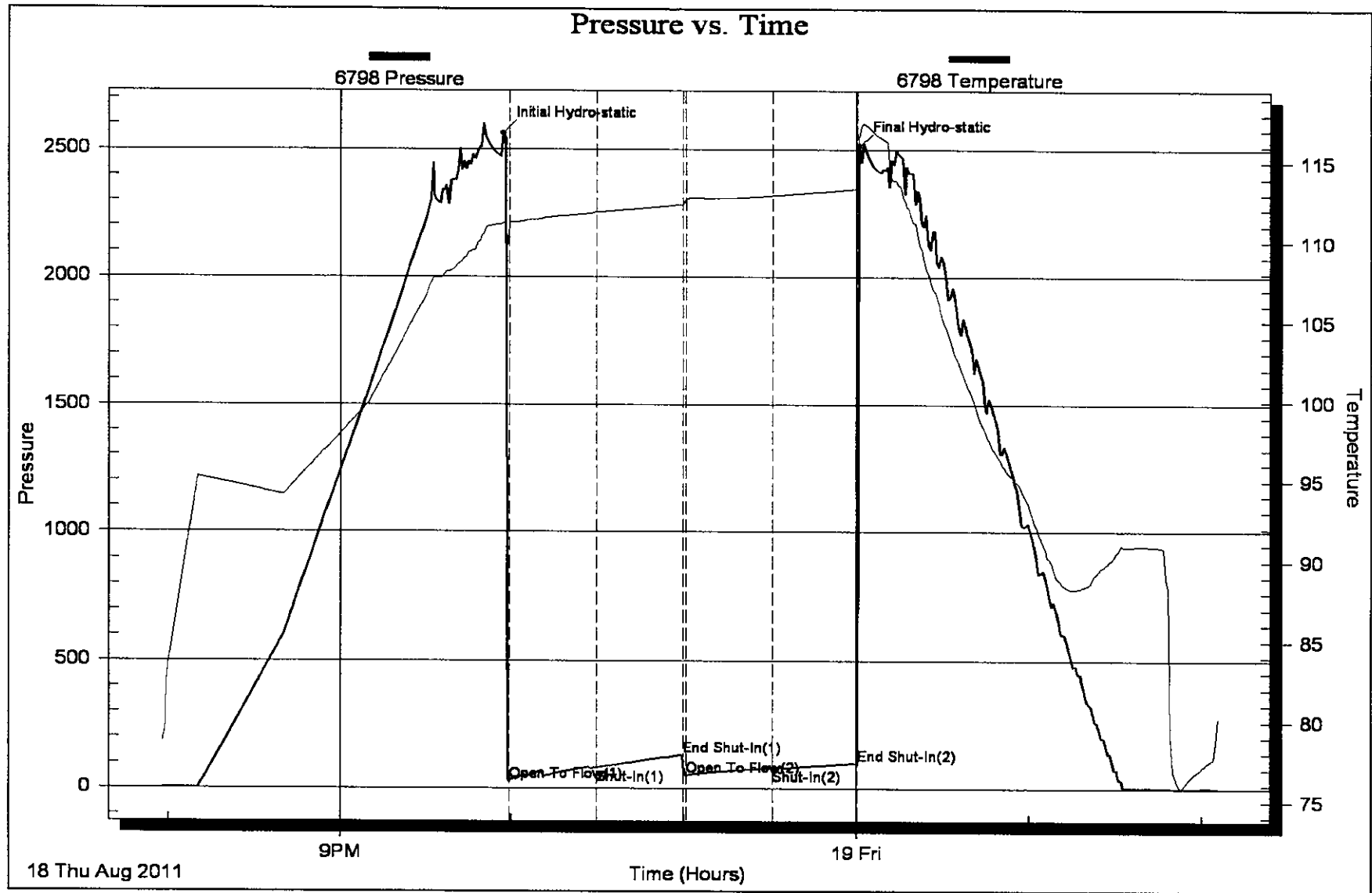
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: 0.20 inches			

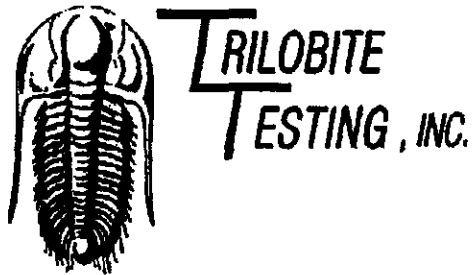
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Co**

155 N Market Ste 700
Wichita, KS 67202

ATTN: Ken LeBlanc

23-28S-23W Ford,KS

Keller #1-23

Start Date: 2011.08.19 @ 11:40:56

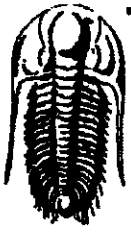
End Date: 2011.08.19 @ 22:13:17

Job Ticket #: 43948 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Vincent Oil Co
155 N Market Ste 700
Wichita, KS 67202
ATTN: Ken LeBlanc

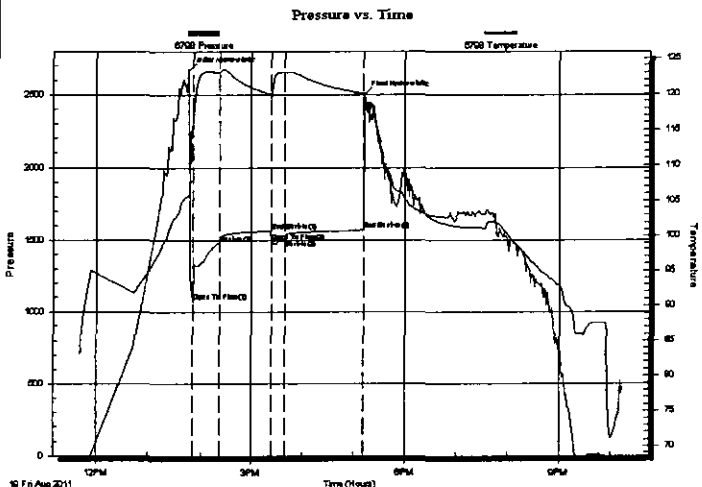
Keller #1-23
23-28S-23W Ford,KS
Job Ticket: 43948 **DST#: 2**
Test Start: 2011.08.19 @ 11:40:56

GENERAL INFORMATION:

Formation: **Basal Penn**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:50:56
Time Test Ended: 22:13:17
Interval: **5125.00 ft (KB) To 5210.00 ft (KB) (TVD)**
Total Depth: 5210.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Leal Cason
Unit No: 45
Reference Elevations: 2505.00 ft (KB)
2493.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6798 Inside
Press@RunDepth: 1500.33 psig @ 5126.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.08.19 End Date: 2011.08.19 Last Calib.: 2011.08.19
Start Time: 11:40:57 End Time: 22:13:17 Time On Btm: 2011.08.19 @ 13:47:11
Time Off Btm: 2011.08.19 @ 17:12:26

TEST COMMENT: IF: Strong Blow, BOB in 30 seconds, GTS in 8 minutes, OTS in 28 minutes
IS: Would Not Bleed Off
FF: Strong Blow, BOB & GTS Immediate, OTS in 3 minutes
FS: Would Not Bleed Off



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2665.72	105.43	Initial Hydro-static
4	1074.94	115.96	Open To Flow (1)
35	1483.60	122.92	Shut-In(1)
96	1569.41	119.93	End Shut-In(1)
96	1496.23	119.83	Open To Flow (2)
111	1500.33	122.94	Shut-In(2)
204	1573.57	120.10	End Shut-In(2)
206	2497.72	119.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCM 30%G 30%O 40%M	1.68
4983.00	GSY Oil 12%G 88%O	69.90

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	4.00	124.12
Last Gas Rate	0.25	24.00	60.92
Max. Gas Rate	0.25	24.00	60.92



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Vincent Oil Co
155 N Market Ste 700
Wchita, KS 67202
ATTN: Ken LeBlanc

Keller #1-23
23-28S-23W Ford,KS
Job Ticket: 43948 DST#: 2
Test Start: 2011.08.19 @ 11:40:56

Tool Information

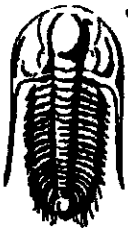
Drill Pipe:	Length: 5103.00 ft	Diameter: 3.80 inches	Volume: 71.58 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 71.58 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	5125.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.00 ft			
Tool Length:	112.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut in Tool	5.00			5103.00	
Hydraulic tool	5.00			5108.00	
Jars	5.00			5113.00	
Safety Joint	2.00			5115.00	
Packer	5.00			5120.00	27.00 Bottom Of Top Packer
Packer	5.00			5125.00	
Stubb	1.00			5126.00	
Recorder	0.00	6798	Inside	5126.00	
Recorder	0.00	8367	Outside	5126.00	
Perforations	16.00			5142.00	
Change Over Sub	1.00			5143.00	
Drill Pipe	63.00			5206.00	
Change Over Sub	1.00			5207.00	
Bullnose	3.00			5210.00	85.00 Bottom Packers & Anchor

Total Tool Length: 112.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Co
155 N Market Ste 700
Wichita, KS 67202
ATTN: Ken LeBlanc

Keller #1-23
23-28S-23W Ford, KS
Job Ticket: 43948 **DST#: 2**
Test Start: 2011.08.19 @ 11:40:56

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 32.3 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 66.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 7800.00 ppm		
Filter Cake: 0.20 inches		

Recovery Information

Recovery Table

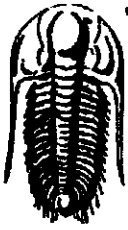
Length ft	Description	Volume bbl
120.00	GOCM 30%G 30%O 40%M	1.683
4983.00	GSY Oil 12%G 88%O	69.898

Total Length: 5103.00 ft Total Volume: 71.581 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity Was 37 @ 97 degrees 32.3 corrected
23 stands out had 21 PPM H₂S Gas



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Co
155 N Market Ste 700
Wichita, KS 67202
ATTN: Ken LeBlanc

Keller #1-23
23-28S-23W Ford,KS
Job Ticket: 43948 DST#: 2
Test Start: 2011.08.19 @ 11:40:56

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.50	4.00	124.12
1	20	0.25	8.00	35.54
1	27	0.25	24.00	60.92

