



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1091327  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical 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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1091327

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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  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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Imel 2-31
Doc ID	1091327

All Electric Logs Run

Dual Induction
Density - Neutron
Micro-log
Sonic

Form	ACO1 - Well Completion
Operator	Vincent Oil Corporation
Well Name	Imel 2-31
Doc ID	1091327

Tops

Name	Top	Datum
Heebner Shale	4359	(-1840)
Brown Limestone	4507	(-1988)
Lansing	4516	(-1997)
Stark Shale	4874	(-2355)
Pawnee	5074	(-2555)
Cherokee Shale	5120	(-2601)
Base Penn Limestone	5228	(-2709)
Mississippian	5307	(-2788)
RTD	5420	(-2901)

# QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

5479

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	4-25-12	Sec.	31	Twp.	28	Range	22	County	Ford	State	KS	On Location		Finish	12:00pm	
Lease	Imel	Well No.	2-31		Location						Kysdown 3N 1 1/2 W N. to					
Contractor	Duke #1				Owner						To Quality Well Service, 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.		656		Charge To						Wincent			
Csg.	8 5/8		Depth		656		Street									
Tbg. Size			Depth		City						State					
Tool			Depth		City						State					
Cement Left in Csg.			Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.											
Meas Line			Displace		Cement Amount Ordered						230sr 65/35 6 3/4 gal 3%cc					
<b>EQUIPMENT</b>						1 1/4" # 510 100sr com 3%cc 2% gal 1 1/4" # 110										
Pumptrk	No.	8		100sr		Common						240				
Bulktrk	No.	4		Durd		Poz. Mix						90				
Bulktrk	No.	9		mixe		Gel.						14				
Pickup	No.					Calcium						12				
<b>JOB SERVICES &amp; REMARKS</b>						Hulls										
Rat Hole						Salt										
Mouse Hole						Flowseal						87.5				
Centralizers						Kol-Seal										
Baskets						Mud CLR 48										
D/V or Port Collar						CFL-117 or CD110 CAF 38										
Ran 15 hrs of 8 5/8 casing and landing it						Sand										
						Handling						356				
						Mileage						50				
<b>FLOAT EQUIPMENT</b>																
EST Circulation with mud pump						Guide Shoe										
						Centralizer										
mixed 230sr 65/35 and landed in with 100sr com - shut down released plug and disp with 39.06 hbl 1/20 Plug landed @ 500ps.						Baskets										
						AFU Inserts										
						Float Shoe										
Cement did circulate						Latch Down										
						1 8 5/8 Wooden Plug										
Thank You						1 8 5/8 Rattle Plate										
						Pumptrk Charge						Surface				
						Mileage						50				
												Tax				
												Discount				
												Total Charge				
X Signature																

# QUALITY WELL SERVICE, INC.

5531

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410  
Office / Fax 620-672-3663

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

Date	5-4-12	Sec.	31	Twp.	28	Range	22	County	Ford	State	Ks	On Location		Finish	2:00am
Lease	Imel	Well No.	2-31		Location Kingsdown 2N 34W Ninto										
Contractor	Duke 1				Owner										
Type Job	Rotary Plug				To Quality Well Service, 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	T.D.				Charge To										
Csg.	Depth				Vincent O.I Corp										
Tbg. Size	Depth				Street										
Tool	Depth				City State										
Cement Left in Csg.	Shoe Joint				The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line	Displace				Cement Amount Ordered 170sx 60/40 4% Gel										
<b>EQUIPMENT</b>															
Pumptrk	8	No.	Heath		Common 110										
Bulktrk	9	No.	Dave		Poz. Mix 60										
Bulktrk		No.			Gel. 6										
Pickup		No.			Calcium										
<b>JOB SERVICES &amp; REMARKS</b>															
Rat Hole	30sx				Hulls										
Mouse Hole	20sx				Salt										
Centralizers					Flowseal										
Baskets					Kol-Seal										
D/V or Port Collar					Mud CLR 48										
					CFL-117 or CD110 CAF 38										
					Sand										
	1 <sup>st</sup> pumped 50sx 60/40 4% Gel @ 1560				Handling 176										
					Mileage 50										
<b>FLOAT EQUIPMENT</b>															
	2 <sup>nd</sup> pumped 50sx 60/40 4% Gel @ 690				Guide Shoe										
					Centralizer										
					Baskets										
	3 <sup>rd</sup> pumped 20sx 60/40 4% Gel @ 60				AFU Inserts										
					Float Shoe										
					Latch Down										
	Patchde 30sx 60/40 4% Gel														
	Mousehole 20sx 60/40 4% Gel				Pumptrk Charge Rotary Plug										
					Mileage 50										
												Tax			
												Discount			
												Total Charge			
X Signature	Mike Godfrey														



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Vincent Oil Corp.  
155 N Market Wichita Ks. 67202  
ATTN: Ken Wallace

**31/28/22**  
**Imel 2-31**  
Job Ticket: 41269 **DST#: 1**  
Test Start: 2012.05.02 @ 07:00:00

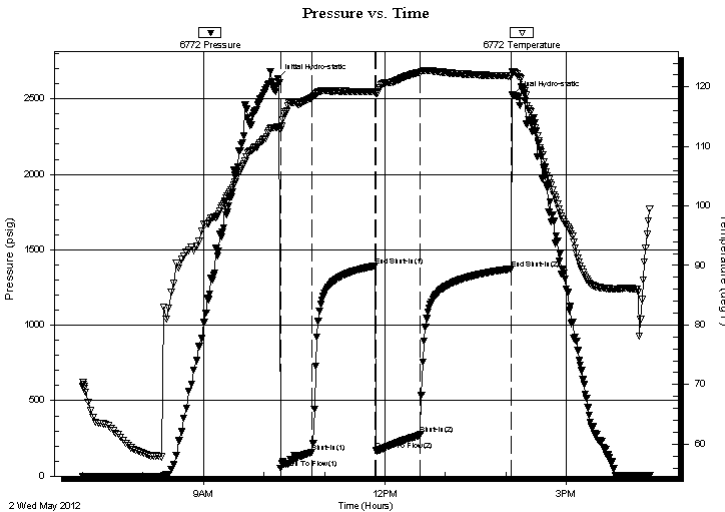
## GENERAL INFORMATION:

Formation: **Morrow**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 10:16:15  
Time Test Ended: 16:22:45  
Interval: **5213.00 ft (KB) To 5267.00 ft (KB) (TVD)**  
Total Depth: 5267.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Harley Davidson  
Unit No: 58  
Reference Elevations: 2518.00 ft (KB)  
2507.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 6772 Outside**  
Press @ Run Depth: 278.77 psig @ 5214.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2012.05.02 End Date: 2012.05.02 Last Calib.: 2012.05.02  
Start Time: 07:00:05 End Time: 16:22:45 Time On Btm: 2012.05.02 @ 10:13:45  
Time Off Btm: 2012.05.02 @ 14:06:15

**TEST COMMENT:** IF- Good blow BOB 7min.  
IS- No blow back.  
FF- Good blow BOB 8min.  
FS- 1" into bucket

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2635.12	113.31	Initial Hydro-static
3	52.96	112.80	Open To Flow (1)
34	158.90	118.21	Shut-In(1)
97	1392.87	119.22	End Shut-In(1)
98	169.40	118.91	Open To Flow (2)
142	278.77	122.47	Shut-In(2)
232	1373.70	121.84	End Shut-In(2)
233	2524.58	122.58	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
464.00	trace gas 15% mud 15% w ater 70% oil	6.51
186.00	trace of gas and mud 5% oil 95% w ater	2.61

## Gas Rates

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



**TRILOBITE**  
**TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Vincent Oil Corp.

**31/28/22**

155 N Market Wichita Ks. 67202

**Imel 2-31**

Job Ticket: 41269

**DST#: 1**

ATTN: Ken Wallace

Test Start: 2012.05.02 @ 07:00:00

### 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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
464.00	trace gas 15% mud 15% water 70% oil	6.509
186.00	trace of gas and mud 5% oil 95% water	2.609

Total Length: 650.00 ft      Total Volume: 9.118 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

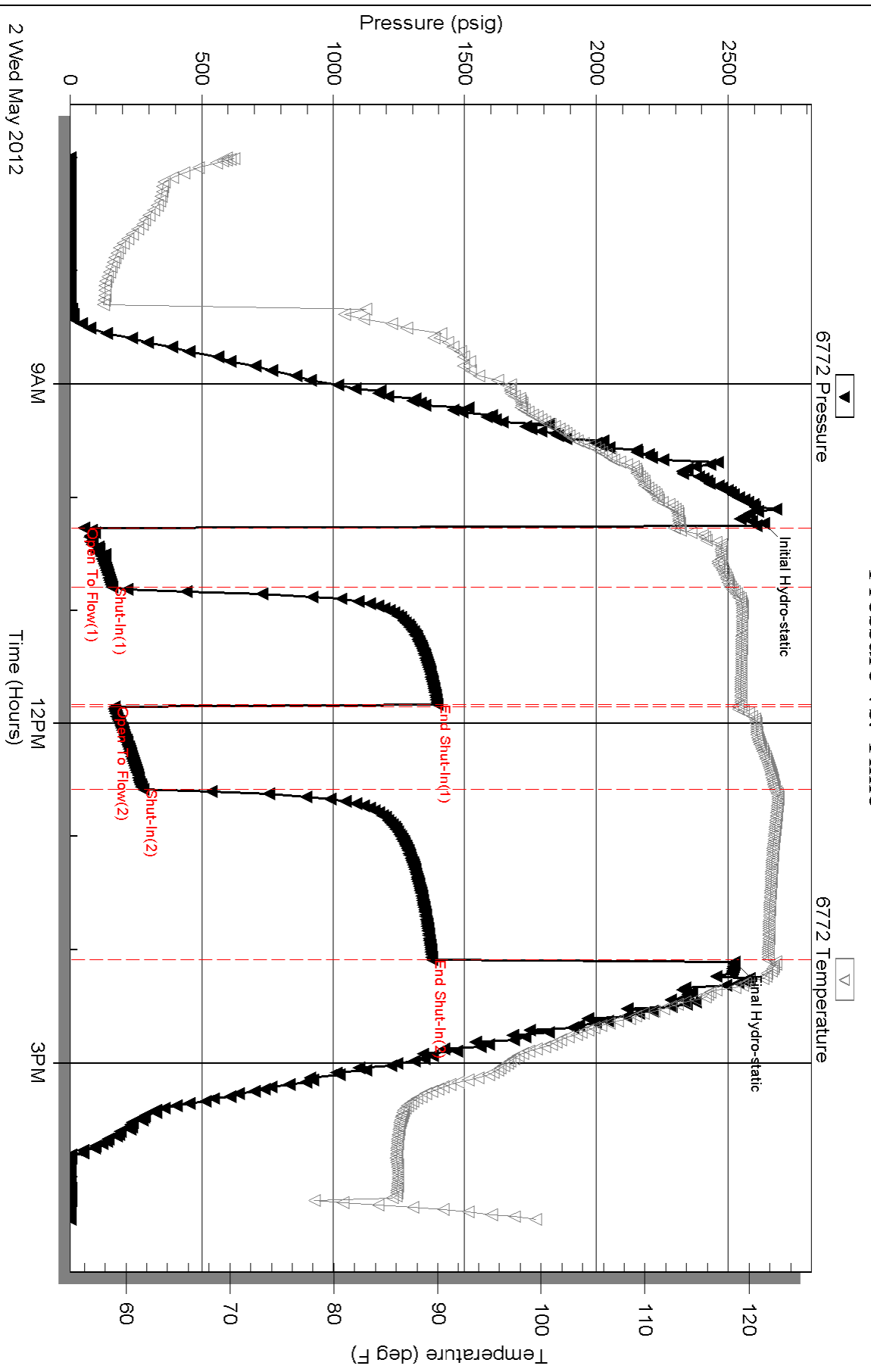
Laboratory Name:

Laboratory Location:

Recovery Comments: .95@ 95= 4500 water was salty to the taste but too dirty for acc. chl.



# Pressure vs. Time



# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

COMPANY: Vacant Oil Co. ELEVATIONS: \_\_\_\_\_

LEASE: Imel #2-31 KB: 259'

FIELD: \_\_\_\_\_ DF: \_\_\_\_\_

LOCATION: 310 Est. & 5th St. E GL: 250'

SEC: 31 TWP: 28S ROF: 22W Measurements Are All From \_\_\_\_\_

COUNTY: Ford STATE: KS CONTRACTOR: Duke Drilling Co., Inc. SURFACE: 878' 0.655'

SPUD: 4/12/12 OOMP: 5/1/12 PRODUCTION: \_\_\_\_\_

RID: 5490' LTD: 5490' ELECTRICAL SURVEYS: \_\_\_\_\_

KID UP: 3800' TYPE: Chem MWD OF P.E. D.I. 5 ft in \_\_\_\_\_

SAMPLES SAVED FROM: 4250' TO: R7D

DRILLING TIME KEPT FROM: 4200' TO: R7D

SAMPLES EXAMINED FROM: 4250' TO: R7D

GEOLOGICAL SUPERVISION FROM: 4800' TO: R7D

GEOLOGIST ON WELL: Ken Wallace, P.G.

FORMATION TOPS: \_\_\_\_\_ LOG: \_\_\_\_\_ SAMPLES: \_\_\_\_\_

Heelbner Sh 4357' (-1800)

Brown Lm 4526' (-1857)

Lansing 4516' (-1917)

Stark Sh 4874' (-2355)

Hush 4912' (-2555)

Labette Sh 5098' (-2661)

Cherokee Sh 520' (-2744)

Mr Sand 5263' (-2744)

Miss 5311' (-2744)

Cherokee Sh 5122' (-2861)

Cherokee Sh 5231' (-2744)

Cherokee Sh 5307' (-2788)

Cherokee Sh 5314' (-2785)

R7D 5420'

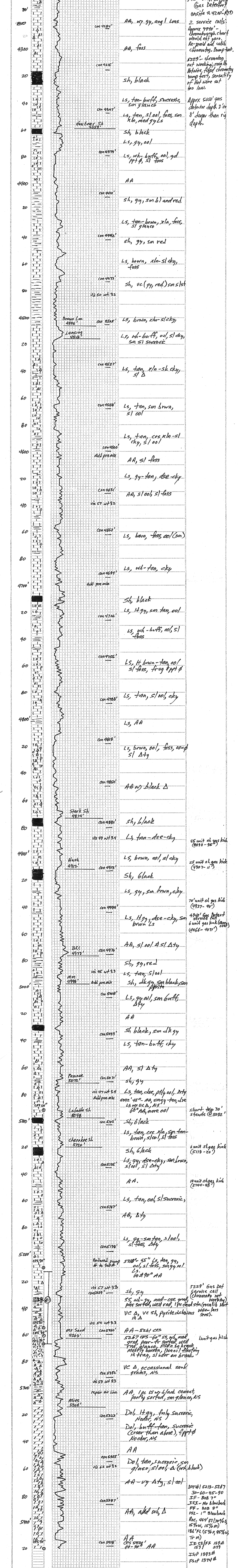
REMARKS: Well ran low to reference wells. 0.5T #1 recovered oil & water (non-commercial). Plugged and abandoned.

Ken Wallace

LEGEND

Anhydrite	Salt	Sandstone	Shale	Coal sh	Limestone	Coal/Limst	Chert	Dolomite

SCALE      " = 100'



527#1 5213-5267  
30-60-45-90  
IF-808 7"  
ISF - No blowback  
FF - 808 8"  
FSI - 1" Blowback  
Rec. 464' FL (70% O, 15% W, 15% M)  
186' FL (5% O, 95% W)  
TR PL  
IE 53' FF 169# 279  
ISIP 1393#  
FSIP 1374#

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 21, 2012

M.L. Korphage  
Vincent Oil Corporation  
155 N MARKET STE 700  
WICHITA, KS 67202-1821

Re: ACO1  
API 15-057-20798-00-00  
Imel 2-31  
SW/4 Sec.31-28S-22W  
Ford County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
M.L. Korphage