

Confidentiality Requested:

Yes No

# Kansas Corporation Commission Oil & Gas Conservation Division

1125447

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 #	API No. 15		
Name:	Spot Description:		
Address 1:	SecTwpS. R		
Address 2:	Feet from		
City: State: Zip:+	Feet from _ East / _ West Line of Section		
Contact Person:	Footages Calculated from Nearest Outside Section Corner:		
Phone: ()	□NE □NW □SE □SW		
CONTRACTOR: License #	GPS Location: Lat:, Long:		
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxxx)		
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84		
Purchaser:	County:		
Designate Type of Completion:	Lease Name: Well #:		
☐ 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:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet		
Operator:	If Alternate II completion, cement circulated from:		
Well Name: Original Total Depth: Original Total Depth:	feet depth to: w/ sx cmt.  Drilling Fluid Management Plan		
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)		
Commingled         Permit #:           Dual Completion         Permit #:	Chloride content: ppm Fluid volume: bbls  Dewatering method used:		
☐ SWD Permit #:	Location of fluid disposal if hauled offsite:		
ENHR Permit #:	Operator Name:		
GSW Permit #:	Lease Name: License #:		
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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 Approved by: Date:					

Page Two



Operator Name:				_ Lease Na	ıme:			Well #:	
Sec Twp	S. R	East V	West	County: _					
open and closed, flow and flow rates if gas t Final Radioactivity Lo	ow important tops of foring and shut-in pressu o surface test, along wing, Final Logs run to obted in LAS version 2.0 or	res, whether s ith final chart(s tain Geophysi	shut-in pres s). Attach ical Data a	ssure reache extra sheet i nd Final Elec	ed station f more ctric Lo	c level, hydrosta space is neede	atic pressures, ed.	bottom hole temper	erature, fluid recovery,
	Drill Stem Tests Taken							Sample	
Samples Sent to Geo	logical Survey	Yes	No		Name	Э		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No						
List All E. Logs Run:									
			CASING F	RECORD	Ne	w Used			
		Report all s	strings set-co	onductor, surfa	ace, inte	rmediate, produc	tion, etc.		
Purpose of String	Size Hole Drilled	Size Cas Set (In O		Weight Lbs. / F		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ΔD	DITIONAL	CEMENTING	2 / 9011	EEZE BECORD	<u> </u>		
Purpose:  Perforate Protect Casing Plug Back TD	Perforate Protect Casing			# Sacks U					
Plug Off Zone									
Does the volume of the t	ulic fracturing treatment or otal base fluid of the hydraring treatment information	aulic fracturing to			-	? Yes	No (If No	o, skip questions 2 ar o, skip question 3) o, fill out Page Three	
Shots Per Foot		N RECORD - E					acture, Shot, Cen	nent Squeeze Record	Depth
	opeony i e	orage or Each I	interval i ent	Stated		(**	mount and Nina C	i material Oscoj	Бери
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:	Yes	No	
Date of First, Resumed	Production, SWD or ENH		ducing Meth	od:  Pumping		Gas Lift	Other (Explain) _		
Estimated Production Per 24 Hours	Oil Bl	bls.		Mcf	Wate		Bbls.	Gas-Oil Ratio	Gravity
Vented Solo	ON OF GAS:  Used on Lease  bmit ACO-18.)	Open I		ETHOD OF C	1	Comp. Co	mmingled omit ACO-4)	PRODUCTIO	ON INTERVAL:

Form	ACO1 - Well Completion		
Operator	Vincent Oil Corporation		
Well Name	High Plains 2-28		
Doc ID	1125447		

# All Electric Logs Run

Dual Induction	
Density - Neutron	
Micro-log	
Sonic	

Form	ACO1 - Well Completion			
Operator	Vincent Oil Corporation			
Well Name	High Plains 2-28			
Doc ID	1125447			

# Tops

Name	Тор	Datum
Heebner Shale	4375	(-1797)
Brown Limestone	4514	(-1936)
Lansing	4525	(-1947)
Stark Shale	4870	(-2292)
Pawnee	5109	(-2531)
Cherokee Shale	5156	(-2578)
Base Penn Limestone	5271	(-2693)
Mississippian	5316	(-2738)
LTD	5416	(-2838)

# QUALITY WELL SERVICE, INC. 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** 

Sec.	Twp.	Range		County	State	On Location	Finish
Date   1-21-12   28	29	24	l .	rd	Ks		2:30
Lease High Plains	2-28	Locati	on				
Contractor Duke 10		Owner					
Type Job Surface		To Quality We	ell Service, Inc.	cementing equipmen	at and furnish		
Hole Size /21/4	T.D.	650		cementer an	d helper to assist owr	ner or contractor to d	o work as listed.
Csg. 85/8	Depth	646		Charge V	incent oil		
Tbg. Size	Depth			Street			
Tool	Depth			City		State	
Cement Left in Csg.	Shoe Jo	int		The above wa	s done to satisfaction ar	d supervision of owner	agent or contractor
Meas Line	Displace	38.5			ount Ordered 2203	1 65/35 6	96 Gel
EQUIP				3% CC	1/4 C.F. 100 SX	(OMMON 20/0	Gel 34000
Pumptrk 9	xdy			Common 2	35		
Bulktrk	uid .			Poz. Mix	85		
Bulktrk / No.				Gel. /4			
Pickup No.				Calcium / 2	2		
JOB SERVICES	& REMAI	RKS		Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal &	32.50		
Centralizers				Kol-Seal			
Baskets	436	V.		Mud CLR 48			
D/V or Port Collar	7.0			CFL-117 or 0	CD110 CAF 38		
				Sand			
Ran 15 ts 85/8	059			Handling 3	46		
				Mileage 5	10		
Established circula	tion u	with Mu	d-AM	2	FLOAT EQUIPME	NT	_
			,	Guide Shoe			
Mixed and pumper	1 720	Sx 65/3	35	Centralizer			
6% 601 3% CC 14	C.F. /	OOSX Con	mon	Baskets			
2% Gel 3% (C. D	Isplace	of with		AFU Inserts			
38.5 Hb/s HPO. Plug	lande	d @ 500	PSI	Float Shoe			
				Latch Down			
coment did ci		8-5/8	3 Baffle P	late			
		85/E	Wooden	Plug-			
		Pumptrk Cha	rge Surface				
	3			Mileage 5	0 8		
		Λ	11			Tax	
V VOI	1.		MI	\		Discount	
X Signature	MULLA	MI				Total Charge	
0000		100					Taylor Printing, Inc.

# QUALITY WELL SERVICE, INC. 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

	Sec.	Twp.	Range	(	County	State	On Location	Finish	
Date /2-3-/2	28	29	24	F	ord	KS		7.49	
Lease High Plains	W	/ell No.	2.38	Location	on		======================================		
Contractor Duke 1	0				Owner				
Type Job Rotany Plug			To Quality We	ell Service, Inc. by requested to rent	cementina equipmen	it and furnish			
Hole Size	14.75	T.D.			cementer and	d helper to assist owr	ner or contractor to d	o work as listed.	
Csg.		Depth			Charge VII	ncent			
Tbg. Size		Depth			Street				
Tool		Depth			City		State		
Cement Left in Csg.		Shoe Jo	oint		The above wa	s done to satisfaction ar	d supervision of owner	agent or contractor.	
Meas Line		Displac	e		Cement Amo	unt Ordered /70	5x 60/40 4	19661 /4 C.1	
	EQUIPN	MENT							
Pumptrk 8 No.	Cocky				Common /	05			
Bulktrk 10 No.	Di	d			Poz. Mix	65			
Bulktrk No.					Gel. 6				
Pickup No.					Calcium				
JOB SE	RVICES	& REMA	RKS		Hulls				
Rat Hole 30					Salt				
Mouse Hole 20					Flowseal 4	2.50			
Centralizers					Kol-Seal				
Baskets					Mud CLR 48				
D/V or Port Collar					CFL-117 or (	CD110 CAF 38			
					Sand				
1st Pumped 50.	sx la	0/40	4% 601		Handling /	76			
@ 1580'			2		Mileage 50	>			
						FLOAT EQUIPME	NT		
2nd Pumped 5	OSx	60/4	0 4% Gel	(	Guide Shoe				
@ 660					Centralizer				
					Baskets				
3'd Pumped Z	Osx	60/4	to 4% G	el	AFU Inserts				
\$ 60'					Float Shoe		7		
					Latch Down	Α,			
30sx Rat Hole - ZOS, Mouse hole									
					Pumptrk Chai	rge Rotary Plu	q		
					Mileage 50		1		
1 ,/							Tax		
11 +161	1						Discount		
Signature M (dwores							Total Charge		



Vincent Oil Corp.

155 N. Market Ste. 700 Wichita, KS 67202-1821

ATTN: Jim Hall

28-29s-24w Ford Co.

High Plains 2-28

Job Ticket: 49704 DST#: 1

Test Start: 2012.11.29 @ 16:04:09

### **GENERAL INFORMATION:**

Formation: **Pawnee** 

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 19:03:09 Time Test Ended: 23:06:54

5094.00 ft (KB) To 5129.00 ft (KB) (TVD) Interval:

Total Depth: 5129.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair Hole Diameter:

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Reynolds Unit No:

48

Reference Elevations:

2578.00 ft (KB) 2568.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8790 Inside

Press@RunDepth: 5095.00 ft (KB) 27.85 psig @ Capacity: 8000.00 psig

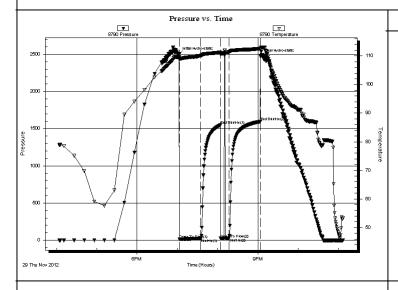
Start Date: 2012.11.29 End Date: 2012.11.29 Last Calib.: 2012.11.29 Start Time: End Time: 2012.11.29 @ 19:02:39 16:04:14 23:06:53 Time On Btm: 2012.11.29 @ 21:04:09 Time Off Btm:

TEST COMMENT: IF: Weak blow . 1/4" - surf. Dead @ 29min.

ISI: No blow

FF: No blow . (Flshd tool 5min. in F.P.) No blow

FSI: No blow



# PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2501.81	109.61	Initial Hydro-static
1	14.33	108.81	Open To Flow (1)
32	22.79	110.11	Shut-In(1)
62	1549.43	111.24	End Shut-In(1)
62	23.91	110.50	Open To Flow (2)
75	27.85	111.44	Shut-In(2)
121	1595.79	112.53	End Shut-In(2)
122	2470.74	112.85	Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)
35.00	Drlg mud 100%drlgmud	0.49
L		

#### Gas Rates

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

Trilobite Testing, Inc. Ref. No: 49704 Printed: 2012.12.01 @ 12:09:49



Vincent Oil Corp.

28-29s-24w Ford Co.

155 N. Market Ste. 700 Wichita, KS 67202-1821 High Plains 2-28

Job Ticket: 49704

DST#: 1

ATTN: Jim Hall

Test Start: 2012.11.29 @ 16:04:09

#### **GENERAL INFORMATION:**

Formation: **Pawnee** 

Deviated: 0.00 ft (KB) Test Type: Conventional Bottom Hole (Initial) No Whipstock:

Time Tool Opened: 19:03:09 Time Test Ended: 23:06:54

Unit No:

Tester:

48

Interval: 5094.00 ft (KB) To 5129.00 ft (KB) (TVD) Reference Elevations:

2578.00 ft (KB) 2568.00 ft (CF)

Total Depth: 5129.00 ft (KB) (TVD) 7.88 inches Hole Condition: Fair Hole Diameter:

10.00 ft

Ryan Reynolds

KB to GR/CF:

Serial #: 8792

Outside

psig @

5095.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Press@RunDepth:

End Date:

2012.11.29

Time On Btm:

2012.11.29

Start Date: Start Time: 2012.11.29 16:00:18

End Time:

23:08:27

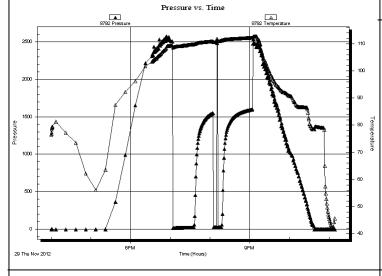
Time Off Btm:

TEST COMMENT: IF: Weak blow . 1/4" - surf. Dead @ 29min.

ISI: No blow

FF: No blow . (Flshd tool 5min. in F.P.) No blow

FSI: No blow



# PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	

#### Recovery

Length (ft)	Description	Volume (bbl)
35.00	Drlg mud 100%drlgmud	0.49
-	<del> </del>	

#### Gas Rates

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

Trilobite Testing, Inc. Ref. No: 49704 Printed: 2012.12.01 @ 12:09:49



**FLUID SUMMARY** 

Vincent Oil Corp.

28-29s-24w Ford Co.

155 N. Market Ste. 700 Wichita, KS 67202-1821 High Plains 2-28

Job Ticket: 49704

DST#: 1

ATTN: Jim Hall

Test Start: 2012.11.29 @ 16:04:09

**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: 10100 ppm

Viscosity: 49.00 sec/qt Cushion Volume: bbl

Water Loss: 10.09 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 10100.00 ppm Filter Cake: 0.02 inches

### **Recovery Information**

# Recovery Table

Length ft	Description	Volume bbl
35.00	Drlg mud 100%drlgmud	0.491

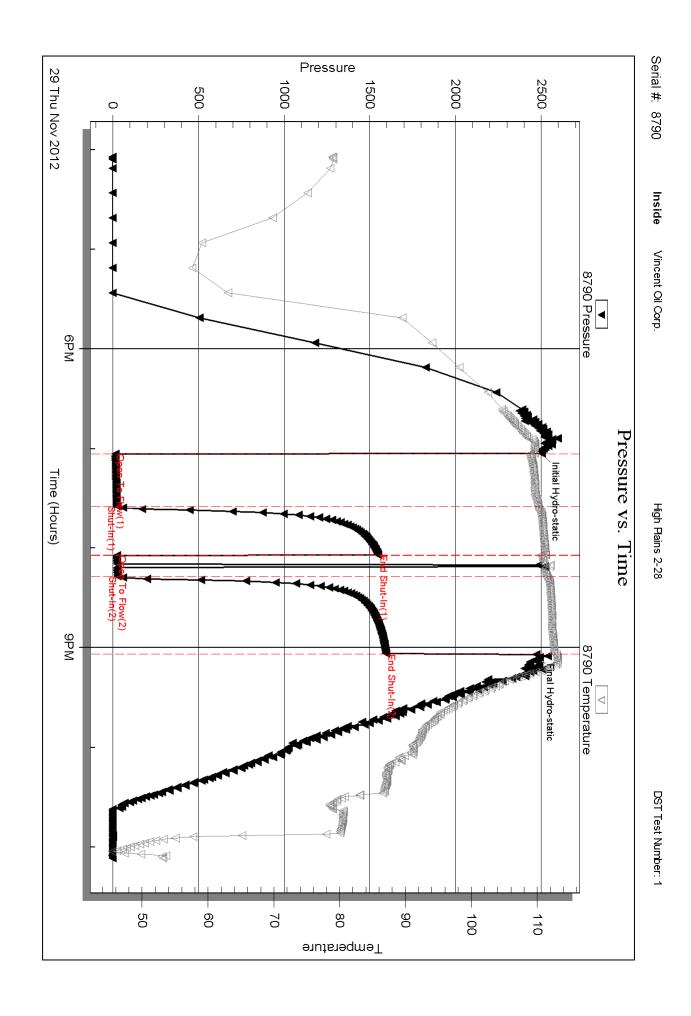
Total Length: 35.00 ft Total Volume: 0.491 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 49704 Printed: 2012.12.01 @ 12:09:51

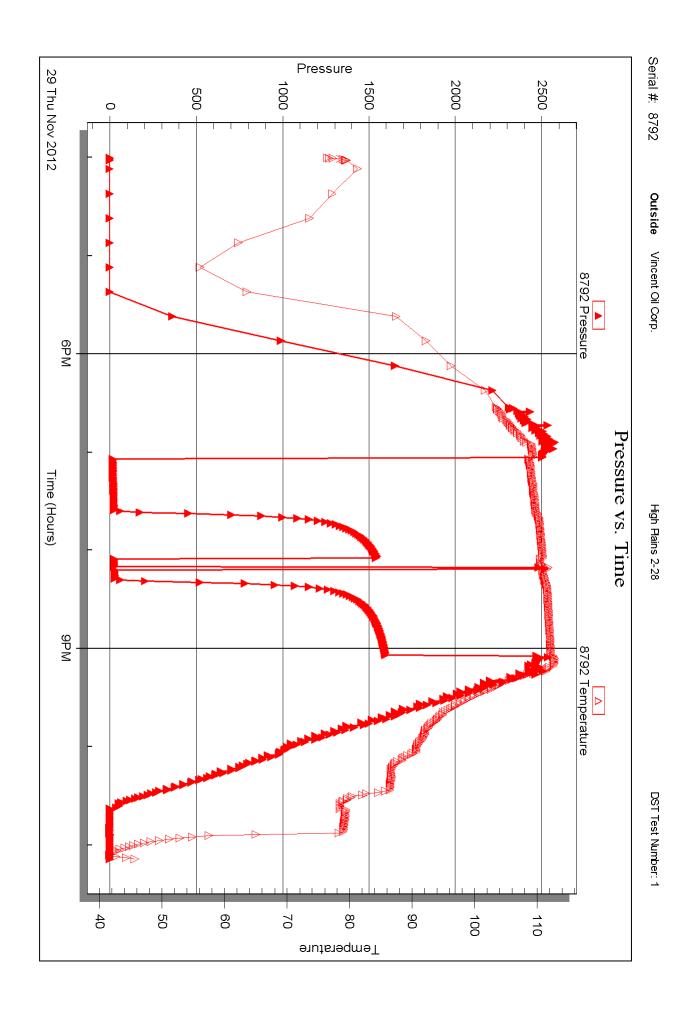


Trilobite Testing, Inc

Ref. No:

49704

Printed: 2012.12.01 @ 12:09:52



Trilobite Testing, Inc

Ref. No:

49704

Printed: 2012.12.01 @ 12:09:52



Vincent Oil Corp.

ATTN: Jim Hall

Oil Corp. **28-29s-24w Ford Co.** 

155 N. Market Ste. 700 Wichita, KS 67202-1821

Job Ticket: 49705 **DST#: 2** 

High Plains 2-28

Reference Elevations:

Tester:

Test Start: 2012.12.01 @ 01:33:31

Ryan Reynolds

2578.00 ft (KB)

2568.00 ft (CF)

#### **GENERAL INFORMATION:**

Formation: Morrow

Deviated: No Whipstock: 0.00 ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 05:30:46 Time Test Ended: 09:55:01

Interval:

09:55:01 Unit No: 48

Total Depth: 5305.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8790 Inside

Press@RunDepth: 40.91 psig @ 5152.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2012.12.01
 End Date:
 2012.12.01
 Last Calib.:
 2012.12.01

 Start Time:
 01:33:36
 End Time:
 09:55:00
 Time On Btm:
 2012.12.01 @ 05:30:16

 Time Off Btm:
 2012.12.01 @ 07:20:16

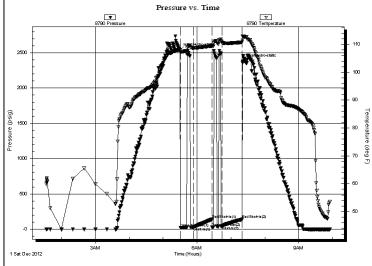
TEST COMMENT: IF: Weak blow . Surf. - Dead in 5min. (Flushed tool ) No blow

5151.00 ft (KB) To 5305.00 ft (KB) (TVD)

ISI: NO blow

FF: No blow (flushed tool 2x's) No blow

FSI: No blow



	PRESSURE SUMMARY			
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2532.59	108.01	Initial Hydro-static
	1	22.74	107.28	Open To Flow (1)
	24	29.54	108.69	Shut-In(1)
_	56	140.57	109.43	End Shut-In(1)
Temperature (deg	57	30.61	109.35	Open To Flow (2)
rature	74	40.91	110.71	Shut-In(2)
(deg	110	140.17	110.72	End Shut-In(2)
Ð	110	2377.34	111.51	Final Hydro-static

DDECCLIDE CLIMANA DV

#### Recovery

Length (ft)	Description	Volume (bbl)		
45.00	45.00 Drlg Mud 100%mud			
* Recovery from multiple tests				

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

Trilobite Testing, Inc Ref. No: 49705 Printed: 2012.12.01 @ 12:07:52



Vincent Oil Corp.

28-29s-24w Ford Co.

155 N. Market Ste. 700 Wichita, KS 67202-1821 High Plains 2-28 Job Ticket: 49705

ATTN: Jim Hall

Test Start: 2012.12.01 @ 01:33:31

# GENERAL INFORMATION:

Formation: Morrow

Deviated: 0.00 ft (KB) Test Type: Conventional Bottom Hole (Reset) No Whipstock:

Time Tool Opened: 05:30:46 Time Test Ended: 09:55:01

Tester: Ryan Reynolds

Unit No: 48

5151.00 ft (KB) To 5305.00 ft (KB) (TVD)

Reference Elevations: 2578.00 ft (KB)

2568.00 ft (CF)

DST#: 2

Total Depth: 5305.00 ft (KB) (TVD)

KB to GR/CF: 10.00 ft

7.88 inches Hole Condition: Fair Hole Diameter:

Serial #: 8792 Outside

Press@RunDepth: 5152.00 ft (KB) psig @

Capacity: Last Calib.: 8000.00 psig

Start Date: 2012.12.01 End Date:

Time On Btm:

2012.12.01

Start Time:

Interval:

01:29:53

End Time:

09:55:32

2012.12.01

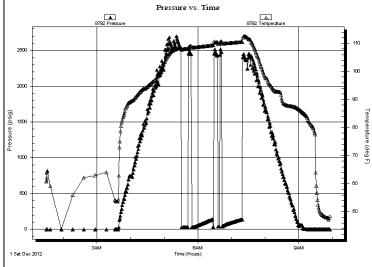
Time Off Btm:

TEST COMMENT: IF: Weak blow. Surf. - Dead in 5min. (Flushed tool ) No blow

ISI: NO blow

FF: No blow (flushed tool 2x's) No blow

FSI: No blow



# PRESSURE SUMMARY

_				
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	(101111.)	(psig)	(acg i )	
Ter				
Temperature (deg F)				
atu				
6 6				
eg				
٣				

#### Recovery

Length (ft)	Description	Volume (bbl)		
45.00	Drlg Mud 100%mud			
* Recovery from multiple tests				

#### Gas Rates

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

Printed: 2012.12.01 @ 12:07:53 Trilobite Testing, Inc. Ref. No: 49705



**FLUID SUMMARY** 

Vincent Oil Corp.

28-29s-24w Ford Co.

155 N. Market Ste. 700 Wichita, KS 67202-1821 High Plains 2-28

Serial #: none

Job Ticket: 49705

DST#: 2

ATTN: Jim Hall

Test Start: 2012.12.01 @ 01:33:31

#### **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: 10300 ppm

Viscosity: 54.00 sec/qt Cushion Volume: bbl

Water Loss: 9.59 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 10300.00 ppm Filter Cake: 0.02 inches

#### **Recovery Information**

# Recovery Table

Length ft	Description	Volume bbl
45.00	Drlg Mud 100%mud	0.631

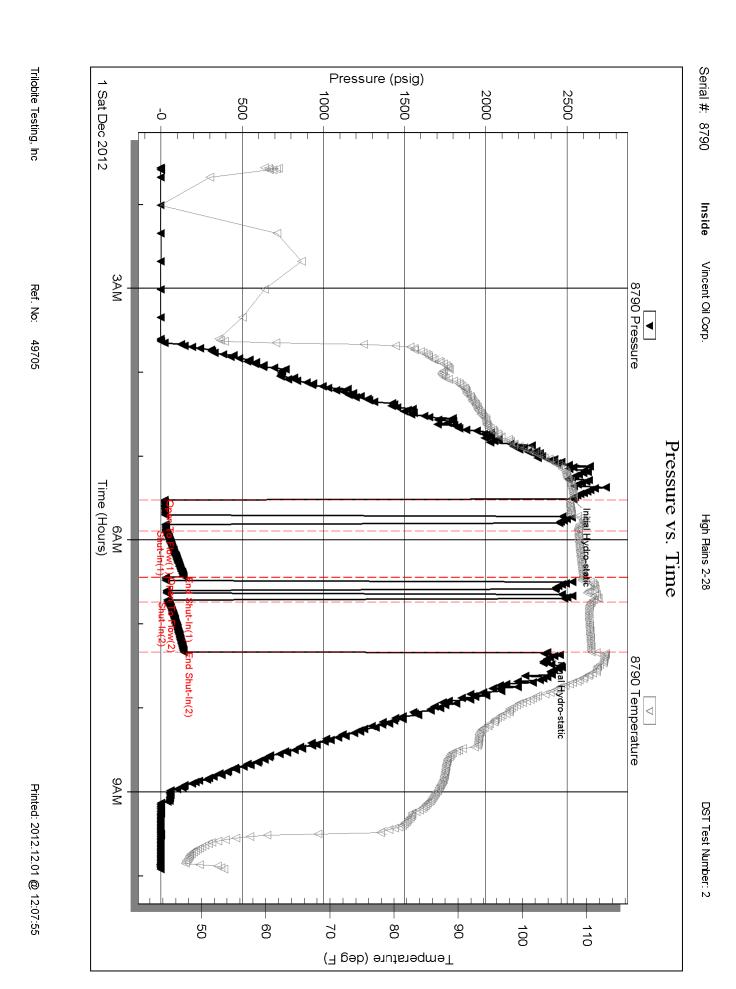
Total Length: 45.00 ft Total Volume: 0.631 bbl

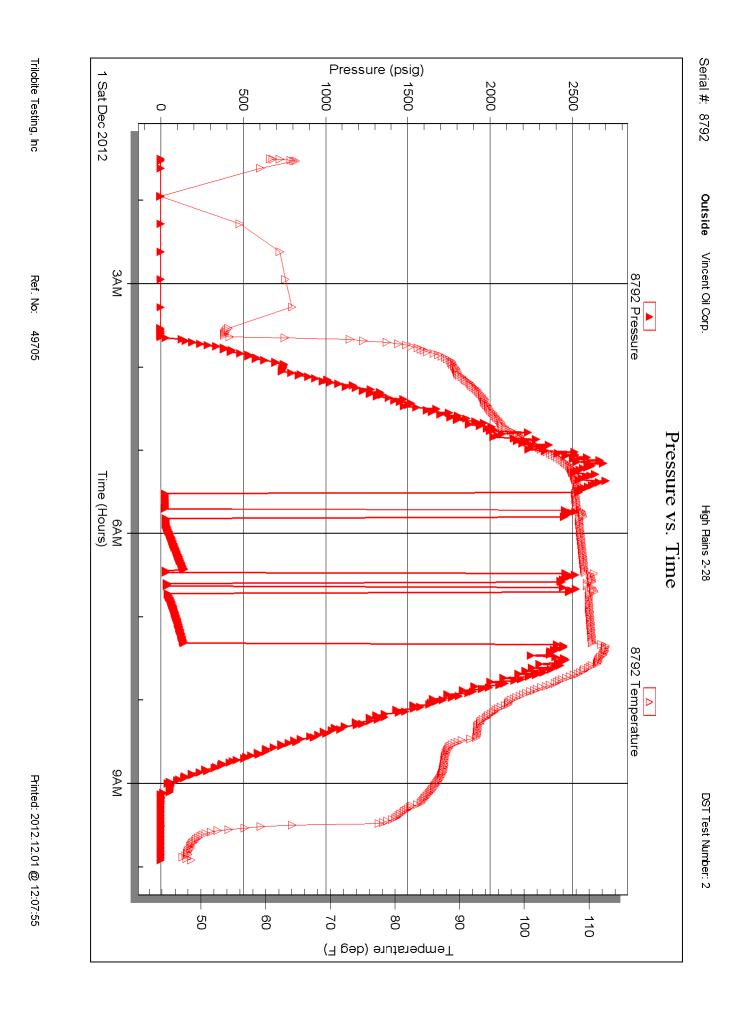
Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 49705 Printed: 2012.12.01 @ 12:07:54







Vincent Oil Corp.

155 N. Market Ste. 700 Wichita, KS 67202-1821

ATTN: Jim Hall

28-29s-24w Ford Co.

High Plains 2-28

Job Ticket: 49706 DST#: 3

Test Start: 2012.12.01 @ 21:43:01

# GENERAL INFORMATION:

Formation: Morrow - Miss.

Deviated: Whipstock: 0.00 ft (KB)

Time Tool Opened: 00:20:16 Time Test Ended: 05:27:31

5174.00 ft (KB) To 5323.00 ft (KB) (TVD) Interval:

Total Depth: 5323.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair Hole Diameter:

Test Type: Conventional Bottom Hole (Reset)

Tester:

48

Ryan Reynolds

Unit No:

Reference Elevations:

2578.00 ft (KB)

2568.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8790 Inside

Press@RunDepth: 5175.00 ft (KB) 40.77 psig @ Capacity: 8000.00 psig

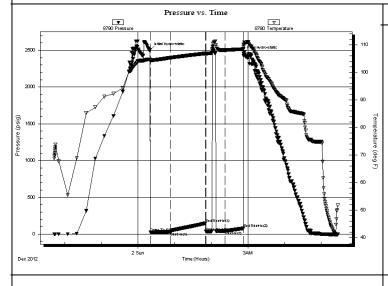
Start Date: 2012.12.01 End Date: 2012.12.02 Last Calib.: 2012.12.02 Start Time: 21:43:06 End Time: 2012.12.02 @ 00:20:01 05:27:30 Time On Btm: Time Off Btm: 2012.12.02 @ 02:53:01

TEST COMMENT: IF: Weak blow . 1/4" - 3/4"

ISI: No blow

FF: Weak blow . surf. - dead @ 5min.(flshd tool) 1/2" - dead @ 27min.

FSI: No blow



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2505.18	104.85	Initial Hydro-static
1	25.69	103.94	Open To Flow (1)
33	30.72	105.36	Shut-In(1)
91	149.71	106.92	End Shut-In(1)
92	36.27	106.87	Open To Flow (2)
123	40.77	108.15	Shut-In(2)
153	79.97	108.52	End Shut-In(2)
153	2460.89	109.26	Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)	
48.00	Drlg mud	0.67	
* Recovery from multiple tests			

#### Gas Rates

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

Trilobite Testing, Inc. Ref. No: 49706 Printed: 2012.12.02 @ 06:52:48



**FLUID SUMMARY** 

Vincent Oil Corp.

28-29s-24w Ford Co.

155 N. Market Ste. 700 Wichita, KS 67202-1821 High Plains 2-28

Job Ticket: 49706

DST#: 3

ATTN: Jim Hall

Test Start: 2012.12.01 @ 21:43:01

**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: 13200 ppm

Viscosity: 88.00 sec/qt Cushion Volume: bbl

Water Loss: 11.99 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 13200.00 ppm Filter Cake: 0.02 inches

#### **Recovery Information**

# Recovery Table

Length ft	Description	Volume bbl
48.00	Drlg mud	0.673

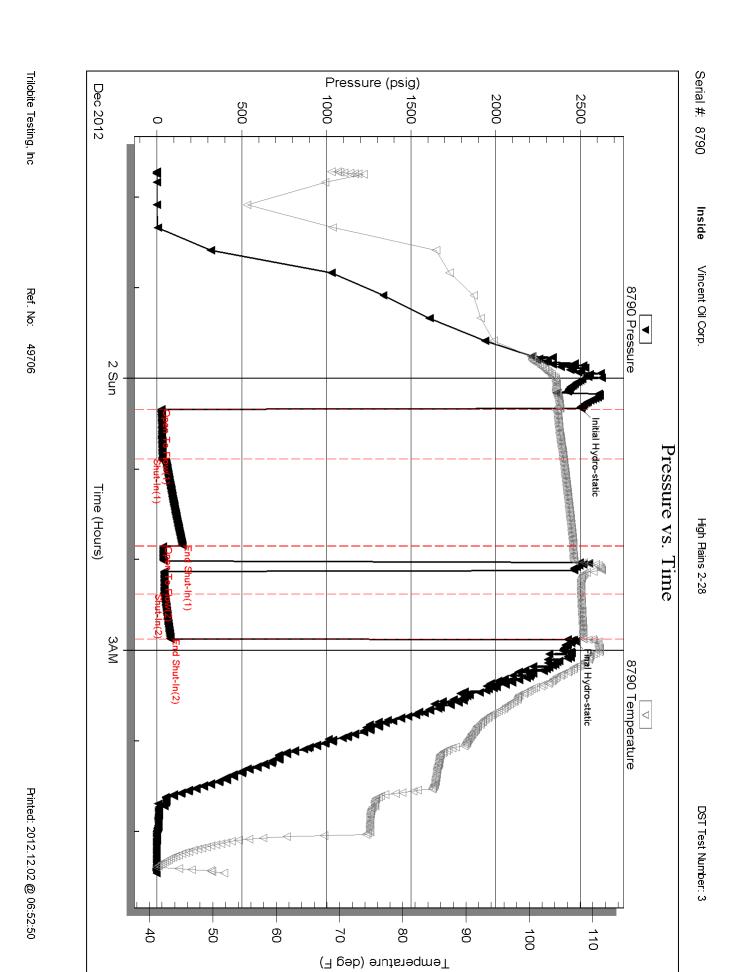
Total Length: 48.00 ft Total Volume: 0.673 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 49706 Printed: 2012.12.02 @ 06:52:49



# LITHOLOGY STRIP LOG

# **WellSight Systems**

Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: VINCENT OIL CORP. HIGH PLAINS #2-28

Location: NW NE NE NW SEC. 28, T 29S, R 24W, FORD CO. KANSAS

License Number: 15-057-20860-00-00 Region: WILDCAT

Spud Date: 11/20/12 Drilling Completed: 12/02/12

Surface Coordinates: 110' FNL, 2,215' FWL

**Bottom Hole Coordinates:** 

Ground Elevation (ft): 2,567'

Logged Interval (ft): 4,100'

K.B. Elevation (ft): 2,578'

Total Depth (ft): 5,414'

Formation: RTD IN; MISSISSIPPI

Type of Drilling Fluid: Native Mud to 3,790'. Chem. Gel. to RTD.

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.cor

#### **OPERATOR**

Company: Vincent Oil Corporation Address: 155 N. Market, Ste., 700

Wichita, Kansas 67202-1821

(316)-262-3573

#### **GEOLOGIST**

Name: James R Hall (Well Site Supervision)

Company: Black Gold Petroleum Address: 5530 N. Sedgwick

Wichita, Kansas 67204-1828 (316) 838-2574, (316)-217-1223

#### Comments

Drilling contractor: Duke Drilling, Rig #10, Spud 11/20/12. Pusher: Scott Edwards.

Surface Casing: 8 5/8" set at 646' w/ 320sx, cement.

P&A: 12/3/12

Deviation Surveys: 0.75 @ 650', 0.50 @ 1,504', 1.00 @ 2,005'. 1.00 @ 2,474', 1.00 @ 3,005', 1.00 @ 3,507', 1.00 @ 5,414'

Bit Record:

#1 12 1/4" out @ 650'.

#2 7 7/8" Varel HE 21 MSV in @ 650', out @ 5,323', made 4,673' in 122.75hrs.

#3 7 7/8" RR JZ HE39 in @ 5,323', out @ 5,414', made 91' in 8.5hrs.

Drilling time commenced: @ 4,100'. Minimum 10' wet and dry samples commenced: @ 4,100' to RTD. Samples delivered to Kansas Geological Sample Library at Wichita, Kansas.

Gas Detector: MBC Well Logging, unit # 8. Paper Output. Hotwire gas values were read off the paper chart an lagged to the drilling time by the well site geologist. The original charts were delivered to Vincent Oil Corporation.

Mud System: Mud-Co/Service Mud. Chemical Gel system @ 3,790', Mud Engineer: Justin Whiting.

DST CO. Trilobite, Tester: Ryan Reynolds (Pratt Office).

OH Logs: Nabors (Hays Kansas),

Operator: Jeff Groneweg. DIL, CDL/CNL/PE, MEL/SONIC.

Note: The open hole log gamma ray and caliper curves have been placed on this sample strip log, for better correlation. The strip log is shifted 2' lower to match Open Hole Log.

Open Hole Log Formation Tops: Heebner 4376 (-1798), Brown Lm 4514 (-1936), Lansing 4524 (-1946), Stark Sh 4871 (-2293), Hushpuckney Sh 4927 (-2349), Marmaton 5026 (-2448), Pawnee 5109 (-2531), Labette Sh 5134 (-2556), Cherokee Sh 5156 (-2578), Basal Penn 5271 (-2693), Mississippian 5316 (-2738).

#### **DSTs**

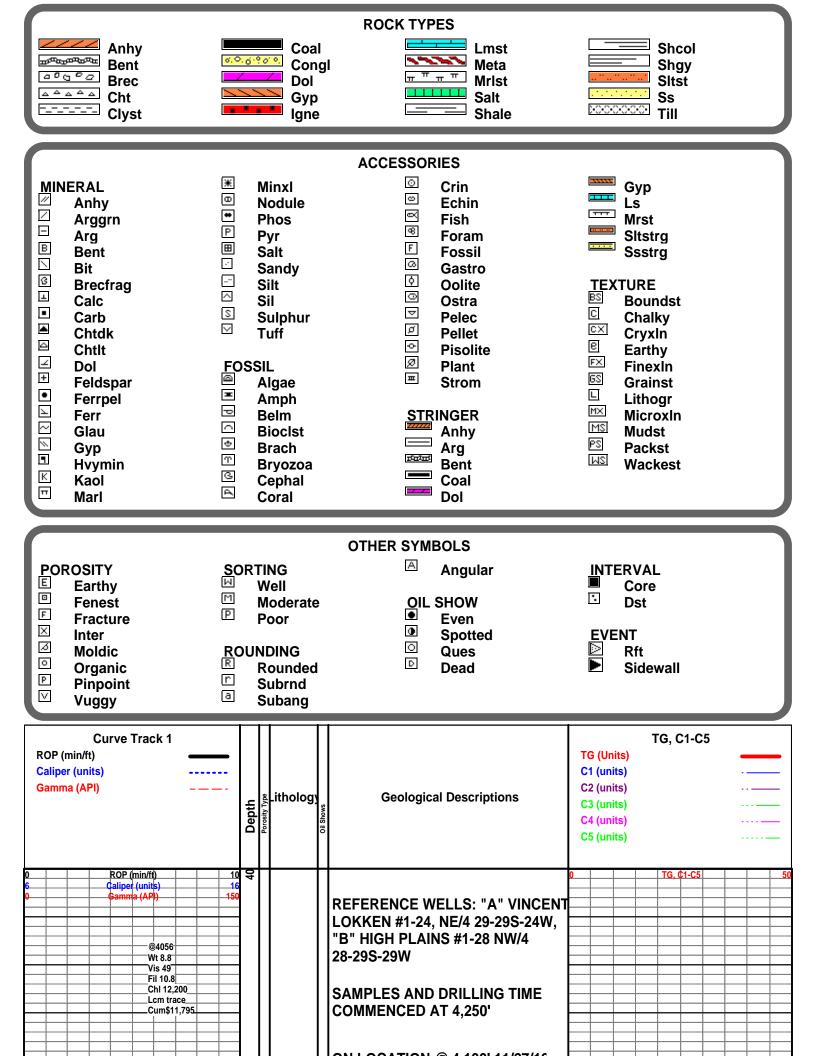
DST #1 (Pawnee) 5.094' - 5,129 (35'); 30-30-15-45; IH 2502, IF 14-23 (weak 1/4"blow reduced to surface blow, then dead in 29min), ISI 1549, FF 24-28 (dead,flush tool,still dead), FSI 1596, FH 2471, Rec.; 35' drilling mud, BHT 113 F.

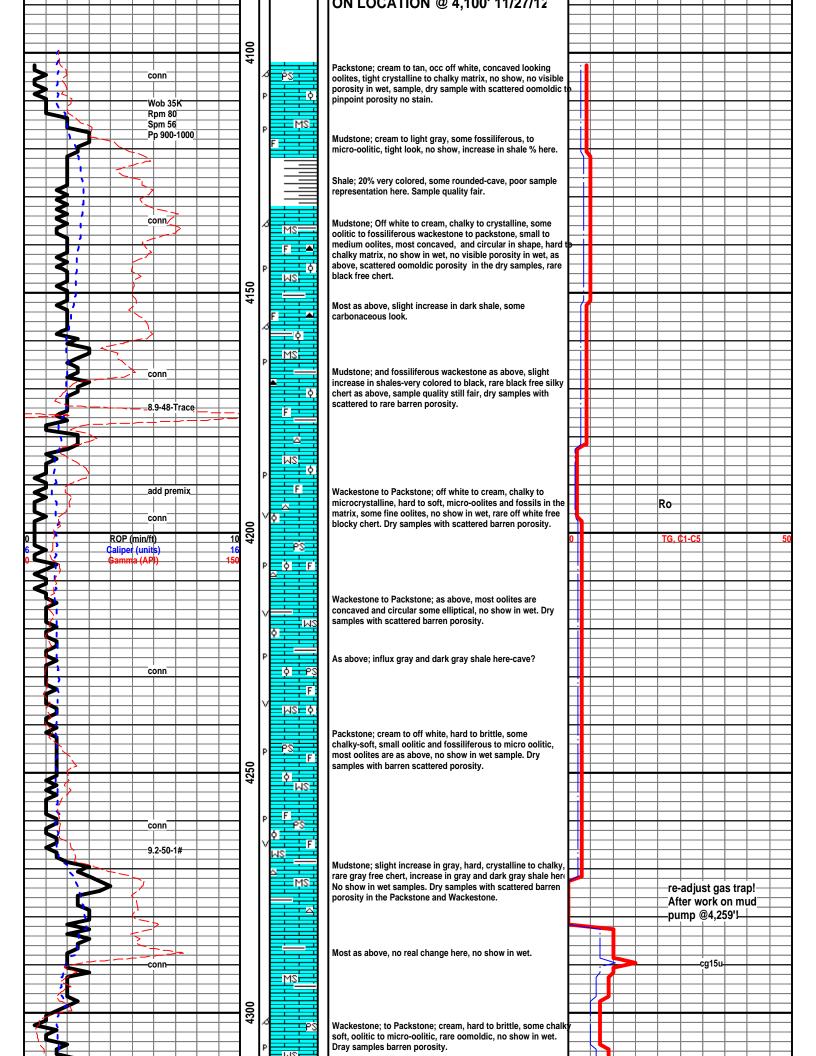
DST #2 Morrow 5,151' - 5,305' (154'), 25-30-20-30, IH 2533, IF 23-30 (weak surface blow dead in 5min, flush tool no blow), ISI 141, FF 31-41 (no blow, flush tool twice, no blow), FSI 140, FH 2377, Rec; 45'mud, BHT 111.

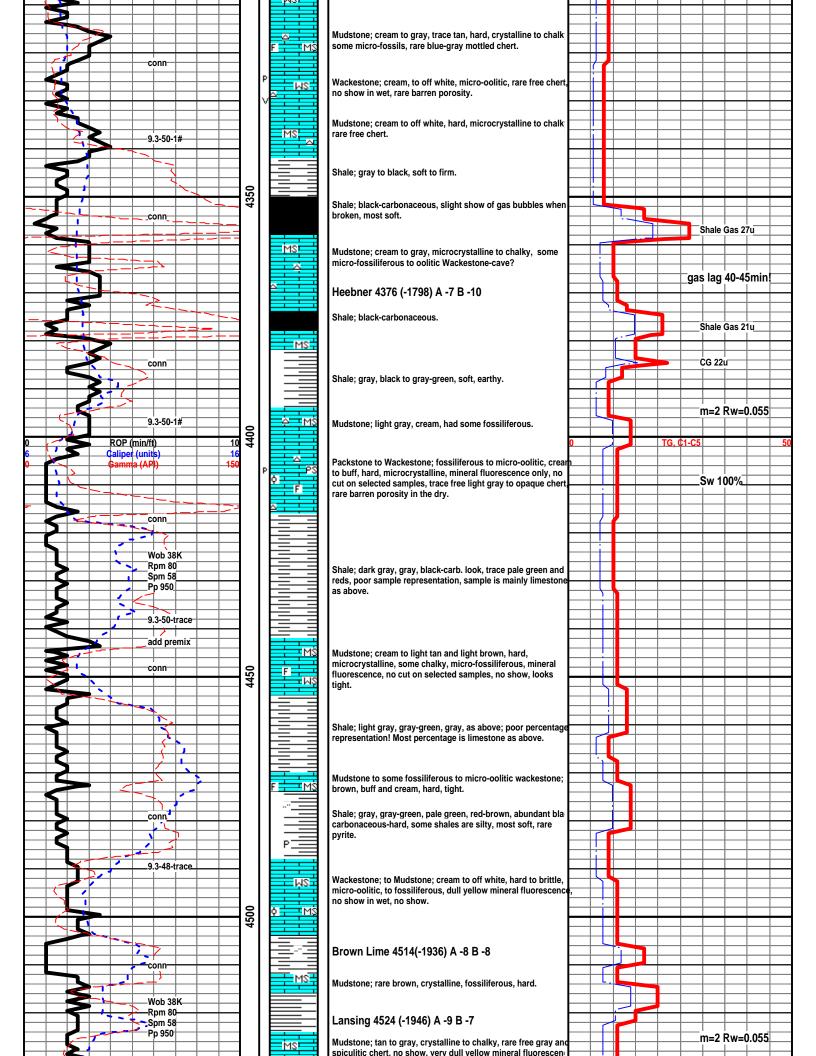
DST #3 5,174 - 5,323 (149') Morrow, Miss, 30-60-30-30, IH 2505, IF 26-31 (weak building to 3/4"), ISI 150, FF 36-41 (weak surface blow dead in 5min, flush tool, 1/2" blow dead in 27min), FSI 80, FH 2461, Rec; 48'mud, BHT 109.

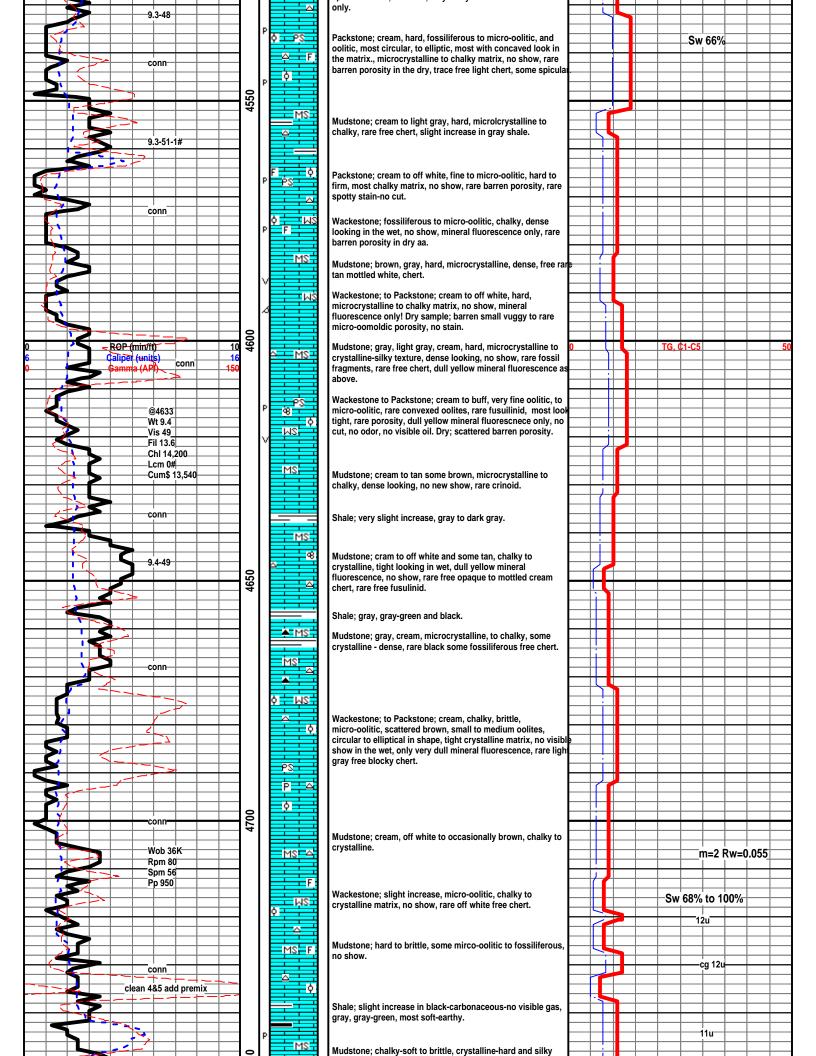
#### Classification

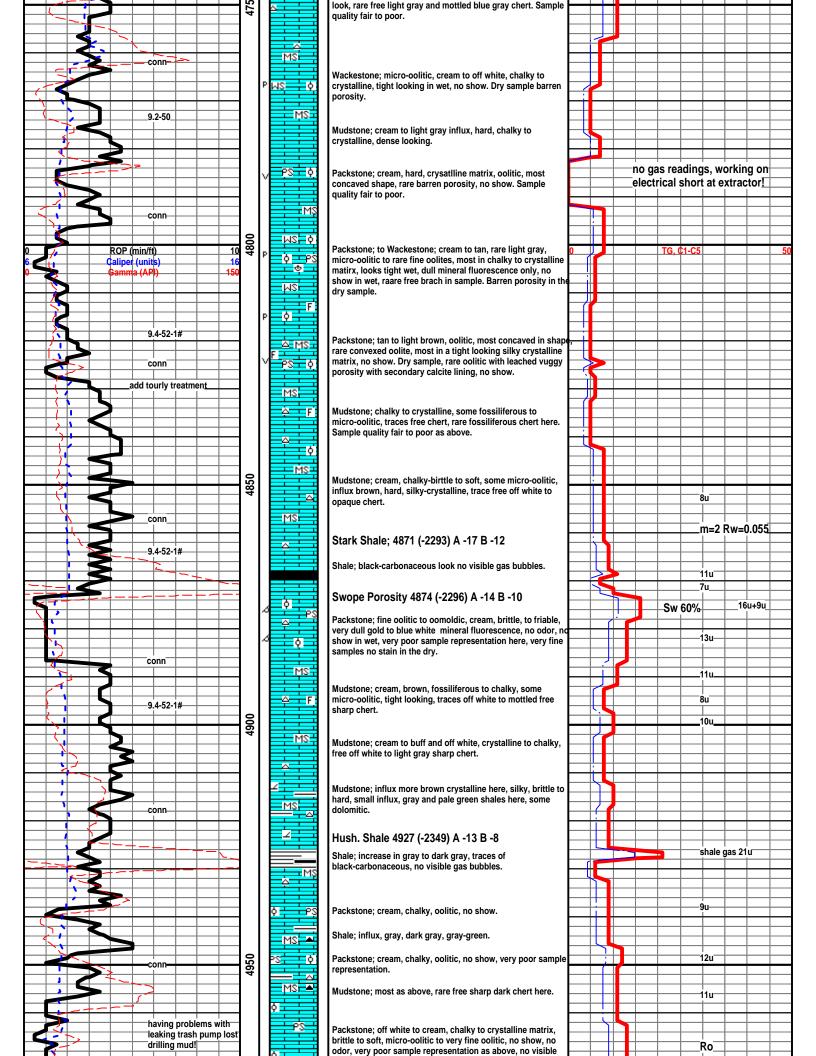
AFTER DUNHAM: GRAIN; any fossil, fossil fragment, sand grain, or other rock fragment within the rock. MUDSTONE; muddy carbonate rocks containing less than 10% grains. WACKESTONE; mud supported carbonate rocks with more than 10% grains. PACKSTONE; grain supported muddy carbonate rocks. GRAINSTONE; mud free carbonate rock, grain supported. BOUNDSTONE; carbonate rock bound together at deposition (coral, etc.). CRYSTALLINE CARBONATE; carbonate rock retaining to little of their depositional texture to be classified.

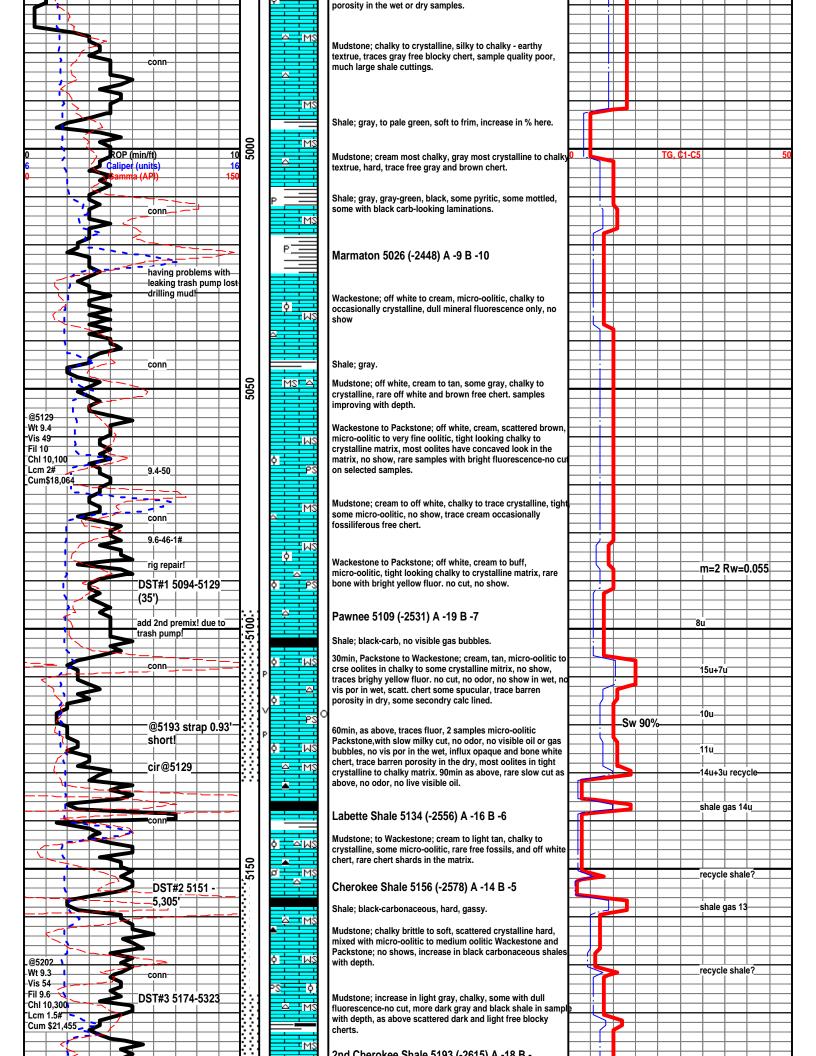


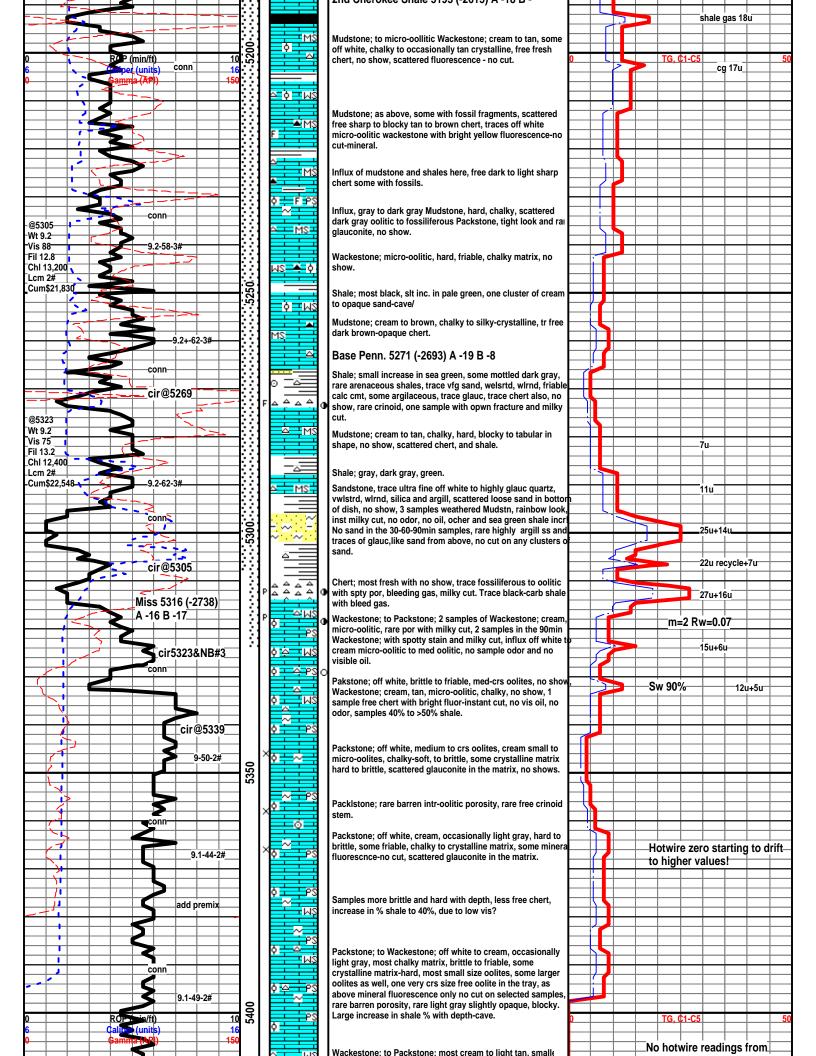












9.1-48-2# RTD	¢ .	oolites with depth, loss of glauconite in the matrix, most chalky texture, still much shale in samples, rare bone white free chert here.	895 to RTD due to changing
RTD 5,414' 12/2/12		DST #1 (Pawnee) 5.094' - 5,129 (35'); 30-30-15-45; IH 2502, IF 14-23 (weak 1/4"blow reduced to surface blow, then dead in 29min), ISI 1549, FF 24-28 (dead,flush tool,still dead), FSI 1596, FH	
Open Hole Log TD  5,416'		2471, Rec.; 35' drilling mud, BHT 113 F.	
	5450	DST #2 Morrow 5,151' - 5,305' (154'), 25-30-20-30, IH 2533, IF 23-30 (weak surface blow dead in 5min, flush tool no blow), ISI 141, FF 31-41 (no blow, flush tool twice, no blow), FSI 140, FH 2377, Rec; 45'mud, BHT 111.	
		DST #3 5,174 - 5,323 (149') Morrow, Miss, 30-60-30-30, IH 2505, IF 26-31 (weak building to 3/4"), ISI 150, FF 36-41 (weak surface blow dead in 5min, flush tool, 1/2" blow dead in 27min), FSI 80, FH 2461, Rec; 48'mud, BHT 109.	
	5500	cir@ 5305; 2hrs cir; Partial washed sample traces ultra fine of white to highly glauconitic quartz sand, vwlstrd, wlrnd, silica and argillaceous, scattered loose sand in bottom of dish, no show, 3 samples weathrd Mudstn with rainbow look, instant milky cut, no odor, no visible oil, ocher and sea green shale	
		increase with last 2hr. sample! No sand in the 30-60-90min samples, only rare sand highly argill and traces of glauc look like sand from above, no cut on any clusters of sand.  cir@5323; 30min traces fossil chert, prtly wthrd w/spty pp por	
		bleeding gas-milky cut, trace cream micro-oolitic Wackestone with rare pp por-milky cut, no odor, no visible free oil.  cir@5323; 60min high % vary colored shales here, scattered gassy carbonaceous shale here-cave? scattered light gray fg,	
	5550	wlsrtd, cons, quartz with dark inclusions-no show, Influx off white micro-oolitic to fossiliferous Wackestone-no show.  cir@5223; 90min as above; 2 samples micro-oolitic, Wackestone with spotty stain, no visible porosity, however milky cut, no odor, on show of oil.	
		cir 5339; 20min; Wackestone; cream, micro-oolitic, chalky, no show, Packstone; off white to white med to crs oolites in chalky to occasionally crystalline-friable to brittle-no show, one sample free blue-gray oolitic chert with bright fluor, instant cut, no visible por or oil. Sample is >50% shale.	
		cir 5339; 40min; Packstone; off white to white, med to crs oolites in chalky to crystalline matrix, no show, no vis por wet Wackestone; cream to tan, micro-oolitic, chalky, no show, looks tight. Sample is 40% shale.	
	00		

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/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

March 20, 2013

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

Re: ACO1 API 15-057-20860-00-00 High Plains 2-28 NW/4 Sec.28-29S-24W 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