



**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: \_\_\_\_\_



1062372

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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 <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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# KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 \* WICHITA, KS

## GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY <u>RAYMOND OIL COMPANY, INC.</u>	ELEVATIONS
LEASE <u>#3 STECKEL DARNEY</u>	KB <u>2866</u>
FIELD <u>MAURICE NORTHEAST</u>	DF _____
LOCATION <u>550' FNL &amp; 1169' FWL</u>	GL <u>2861</u>
SEC <u>1</u> TWP <u>14s</u> RGE <u>32W</u>	Measurements Are All From <u>2866 KB</u>
COUNTY <u>LOGAN</u> STATE <u>KANSAS</u>	CASING SURFACE <u>8 5/8" @ 261'</u>
DRILLER <u>L. D. DRILLING, INC.</u>	PRODUCTION _____
DATE <u>5-17-11</u> TO <u>5-28-11</u>	ELECTRICAL SURVEYS <u>DUAL IND., DEN &amp; N.</u>
RTD <u>4675</u> TO <u>4675</u>	
MUD UP <u>3400</u> TYPE MUD <u>CHEMICAL</u>	

SAMPLES SAVED FROM 3450 TO 4675

DRILLING TIME KEPT FROM 3450 TO 4675

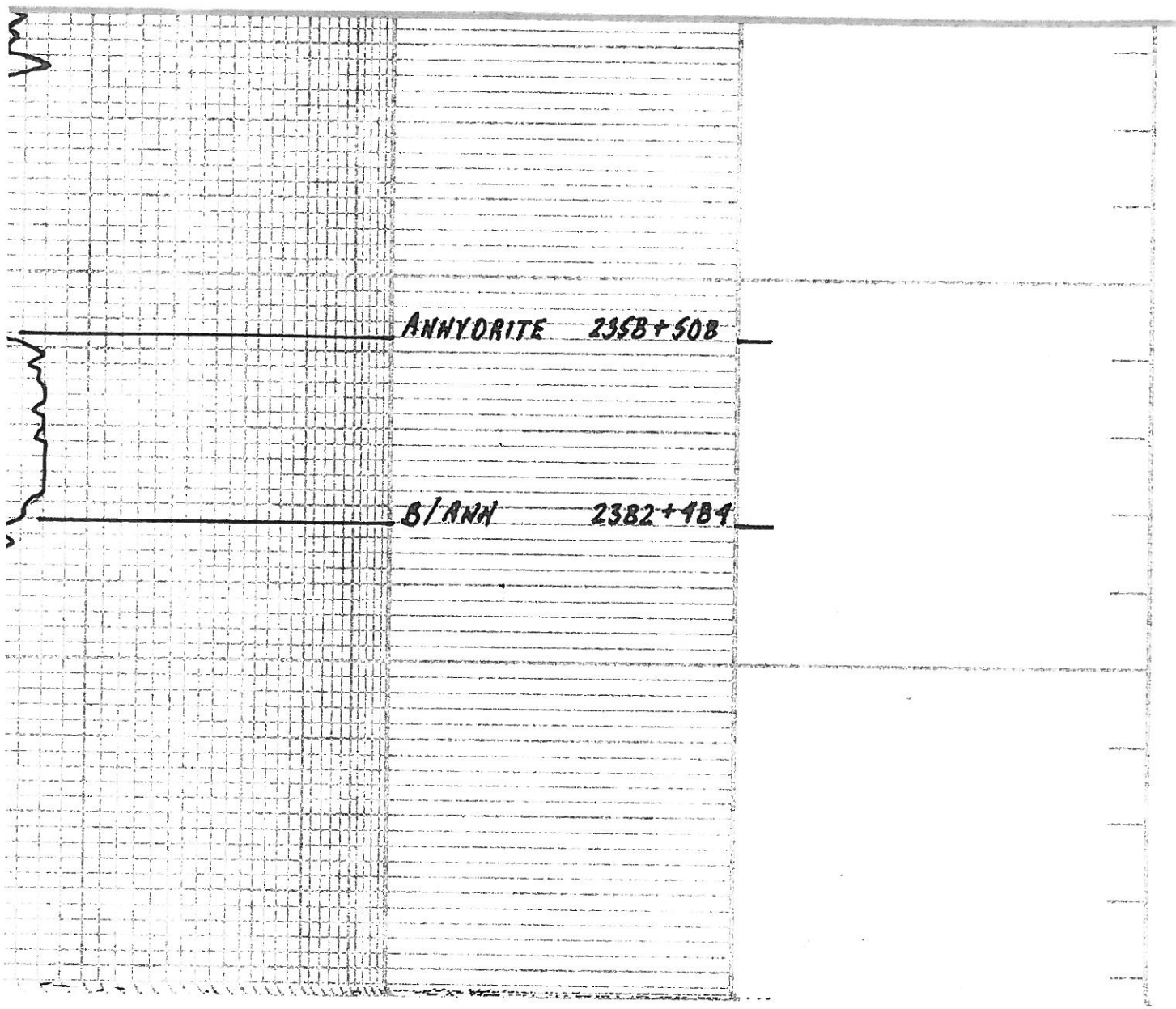
SAMPLES EXAMINED FROM 3450 TO 4675

GEOLOGICAL SUPERVISION FROM 3600 TO 4675

GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES	
ANHYDRITE	2360 + 506	2358 + 508	
B/ANH.	2381 + 485	2382 + 484	
STOTLER	3510 - 644	3510 - 644	
HEEBNER	3859 - 993	3859 - 993	
LANSING	3904 - 1038	3903 - 1037	
STARK	4148 - 1282	4147 - 1281	
MARMATON	4260 - 1394	4258 - 1392	
FORT SCOTT	4416 - 1550	4412 - 1546	
CHEROKEE	4443 - 1577	4440 - 1574	
MISSISSIPPI	4572 - 1706	4575 - 1709	





ANHYDRITE 2358+508

S/ANN 2382+484

V O 3380

Vis: 30 WT: 9.3

WL: CHL: 22.000

Samples are Lagged

Samples poor Rd. Co. by sh  
to ls.

Sh. Lt. G. Gn. Silty-sdy

ls. Lt. B. Sl. Foss.

Sh. Lt. G. Silty

**STOTLER 3510-611**

ls. Lt. G. Sl. Foss.

Sh. Lt. G.

ls. Lt. G. Sl. Foss. w/ DE G. Foss.

Sh. Lt. G.

ls. Tn. Lt. B. Sl. Foss.

ls. B. Sl. Foss. Sh.

Sh. L. G. G.

ls. wt. sh. Foss. Chky.

Sh. G.

HOWARD

ls. T. L. G. vs. Foss. vs. Δ

ls. G. vs. Foss.

Sh. L. G. G. G. G. G. G.

TOPEKA

ls. T. wt. sh. Foss. sh. Chky.

Δ vs. T. D. G.  
ls. T. wt. sh. Foss. sh. G.

ls. T. wt. sh. Foss. vs. Δ. sh. Chky.

W  
V  
V  
A  
W  
I  
V  
W  
M  
A  
V

65. wt. 9.00

Sh. Lt. G. 45  
65. wt. Foss. Calcitic.

65. Ta. wt. Foss. calc. 5th Calcitic.

65. wt. Foss. calc. Chly.

65. Ta. 5th Foss. 3rd Calcitic.

65. Ta. wt. chly.

Sh. D. G.

Soly. 8.illy. 6th. 1st G. G.

65. wt. Foss. 4th. Chly.

Sh. Lt. G.

65. Ta. 4th. 4th. Foss. 3rd

G. D. G.

65. wt. chly.

65. Ta. wt. 4th. 5th. 4th. Foss. 5th. Chly.



Δ wt. Ldg.

Ls. Tr. wt. & Fossils. Sil. Foss. Suc.

Δ wt. Ldg. Foss.

Ls. Tr. Ldg. Foss. out.

Ls. Tr. wt. & Fossils. V. Sil. Foss. Sil. Ch. Ldg.  
w/ Br. F. Foss.

**HEEBNER 3859-993**

Sh. Blk. Cong. (3880)  
Ls. Tr. Ldg. V. Sil. Foss.

VIS: 48 WT: 8.9

SNL: G.A. CML: 1400

Sh. L. G. R.

Ls. wt. V. Sil. Foss.

Ls. Tr. wt. Sil. Foss. out. Sil. Δ

Ls. wt. Sil. Foss. Sil. Ch. Ldg.

Δ Tr. wt.

Sh. L. G. R.

**LANSTING 3903-1037**

Ls. Tr. wt. out. V. Sil. Δ Sil. Coleitic.

Ls. Tr. Sil. Δ

Ls. Tr. Sil. Δ Coleitic.

Lt. Blue. G. Sh.

Δ Br. Orange  
Ls. Tr. wt. Sil. out. Foss. P. V. G. G.  
Bl. DK Br. Solid Sh. Tr. FD. No. Flood. No. Ode.



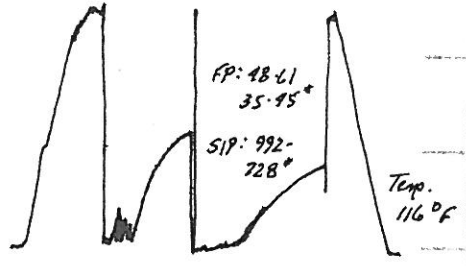
15. wt. L.G. Sh. Foss. Y.S.H. Chilly.  
 15. To L.G. - Y.S.H. Foss. Sh. Δ  
 15. To G. V.S.H. Δ Sh. Calcite.  
 15. To L.G. Sh. Foss. Sh. Δ P.V. of Sp. Bk. Sh. V.S.S.P.O. T. C.H. F. Sp. Fl. F. O.C.C.  
 Δ Orange  
 15. To L.G. Y.S.H. Foss.  
 15. To V.S.H. Foss. Sh. Δ  
 15. L.G. Foss. - Soly. P. Wh. T. Br. Sh. T.P.O. No Flow. No O.C.C. (4020)  
 15. To wt. L.G. dot. V.S.H. O.C.C. Sh. Chilly.  
 15. wt. Sh. Foss.  
 15. L.G. Dm.  
 15. G. Dm.

VIS: 48 VET: 9.0  
 W/L: 6-8 CHL: 2000

**MUNCIE CREEK 4068-4196**  
 Sh. Blk. Carb. (9080)  
 15. D. Sh. Foss. Sh. Δ P.V. P.P.P.  
 15. Bk. Sp. Sh. T.P.O. D.M. Fl. M.O. O.C.C.  
 Sh. L.L. L.

**DST (1) 3973-3994**

1<sup>st</sup> OPEN: Slid 10', 2" Blow clear, died 24 mins  
 2<sup>nd</sup> OPEN: No Blow, Flushed Tool, few bubbles  
 30-60-45-90  
 Rec. 35' Mud



**DST (2) 4060-4125**

1<sup>st</sup> OPEN: Blow built to 1/2"  
 2<sup>nd</sup> OPEN: Few Bubbles, - No Blow  
 30-60-45-90

Rec. 15' Mud w/ spots oil  
 FP: 13-16 18-21\*

Sh. Ltg. G.

Ls. wh. Tan. dot. Sil. Foss. B.V. B  
Be Spid. Str. VSSFD Fr. Dull Flaw. No. Odor.

Ls. wh. Ltg. VSI: Foss. D.M.

Sh. PKG. L.  
Ls. Be Dm. VSI: Foss.

Sh. Lt. Gr. Soft Gumy.

Ls. wh. Orange Chky. VSI: Foss.

Ls. Tan. VSI: Foss. S.B.A

VIS: 51 WT: 933  
WL: B.B CNL: 2700

Sh. Lt. Bluish.

Ls. G. VSI: A VSI: Pyrite

Ls. G. Chky. Lustrous.

**STARK 4197-1281**

Sh. Blue Carb. (4160)  
Ls. Ok. Br. VSI: Foss.

Sh. Lt. Blue Gr. Soft Gumy.

Ls. wh. G. Tan. Sil. Foss. dot. Sil. Chky. Fr. V.S.B  
Be Dm. Be Sil. dot. Str. S.S.P.D. Dull Flaw.  
Ls. Sil. dot. Fr. Odor. (4170.75)

Ls. G. Dm.

**HUSNPUCKNEY** Sh. Blue Carb.

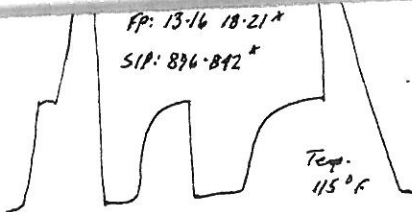
Ls. Lt. Blue G. VSI: Foss.

4186

FP: 13-16 18-21\*

SIP: 826-842\*

Temp.  
115°F



-1320

22. Tn. G. Br. Sil. Foss. Sil. Δ. P. G. B.  
DK. Br. Heavy Sp. G. V. S. P. D. (M. G. H.) No. Floor  
No. D. G. (1320)

25. Tn. G. Br. V. Sil. Foss. V. Sil. Cal. G. B.  
25. W. G. Br. Sil. Foss.

**BIKC 4220-1354**

Sh. G. Br.  
G. W. G. Br.

G. W. G. Br. Sil. Cal. G. B.

VIS: 53 WTS: 9.3  
WL: 18.2 CNU: 10050

Sh. G. Br. Sil. Cal. G. B.

Sh. R. Br. Sil. Cal. G. B.

**MARMATON 4258-1392**

G. W. G. Br. V. Sil. Foss.

Sh. W. G. Br.

Sh. R. Br.

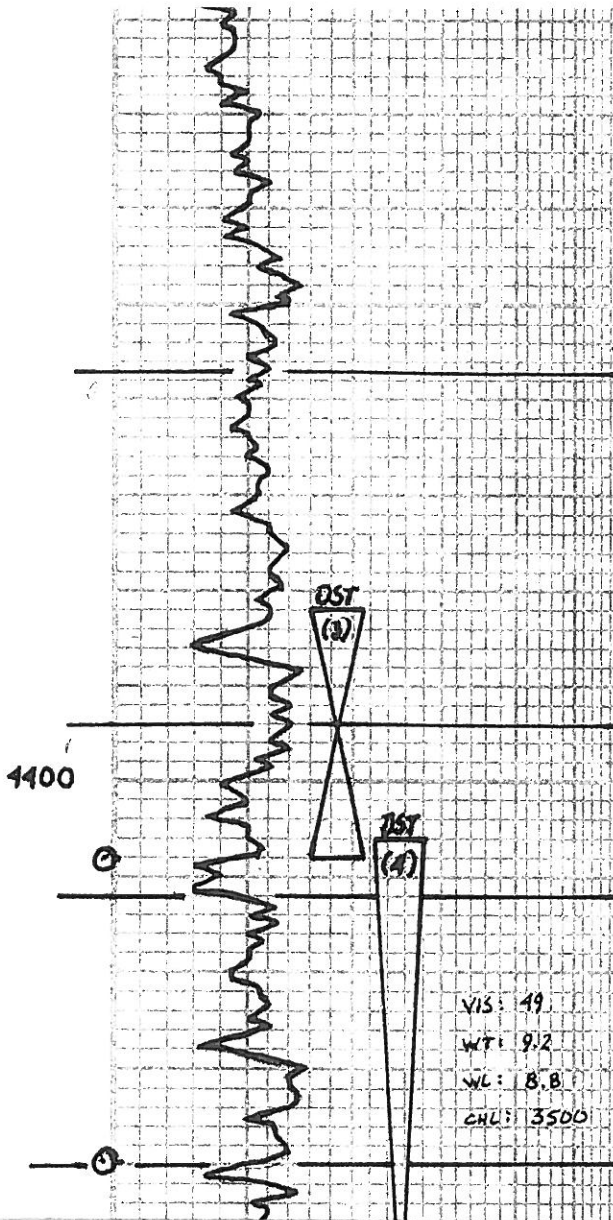
G. W. G. Br. Yellow Sil. B. - out. Foss.

G. W. G. Br.

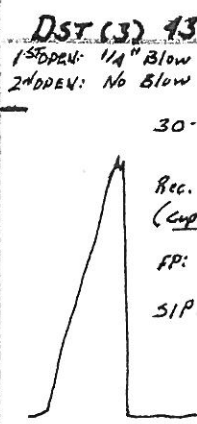
Sh. W. G. Br.

G. W. G. Br. V. Sil. Foss. P. G. B. Cal. G. B.  
W. T. Br. DK. Br. Sil. T. P. D. No. Floor  
No. D. G. (1320)

G. W. G. Br. V. Sil. Foss. Sil. Cal. G. B.

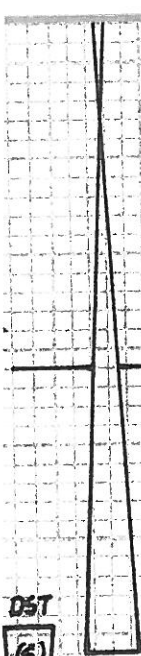


42. wt. V.S.P. Pass. S.P. Calc. g.  
 Sh. G. G.  
 43. To U.P. out. Dm.  
 44. L.G. V.S.P. Calc. g.  
 Sh. G. G.  
**PAWNEE 4357-1491**  
 45. wt. L.G. V.S.P. Pass. S.P. Calc. g.  
 46. wt. G. Dm.  
 47. DR. B. V.S.P. Pass.  
 Sh. BLE Carb. D. DR. B. G. Dm.  
 Sh. G. G. S.P. g.  
**MYRICK STATION 4394-1528**  
 48. To U.P. B.G. S.P. Pass. w/ A. Fray. P.P. P.P. P.  
 P. Seal. S.P. V.S.P. Dull Flow. F. Dm. (A.P.B.)  
 Sh. BLE Carb.  
**FORT SCOTT 4412-1546**  
 49. L.G. G. out. S.P. D. P. G. of DR. B. out. S.P.  
 D. G. B. out. V.S.P. No Flow. No Dm.  
 50. To U.P. S.P. Pass. S.P. D. P. G. of  
 P. Seal. S.P. V.S.P. Dull Flow. No Dm.  
 51. To U.P. out. Dm.  
**CNEROKEE 4410-1574**  
 Sh. BLE Carb.  
 L.S. To U.P. S.P. Calc. B. Seal. S.P. P. G. of



VIS: 49  
 WT: 9.2  
 WL: B.B.  
 CHL: 3500

4400



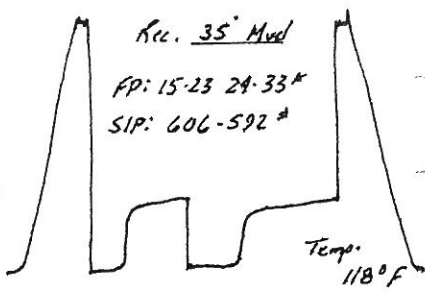
VSSFD No. Flow  
(4160) No. Order

**DST (4) 4406-4512**

LS. wt. V. Chky.  
LS. L.G., VSK. Foss. VSK. Calc. Hk. P. V. Sp.  
Bl. Sph. Sh. VSSFD No. Flow. No. Order  
(4406)  
Sh. DK G.  
LS. T. G. VSK. Foss.  
Sh. L.G. G.

1<sup>st</sup> OPEN: Blow built to 1 1/4"  
2<sup>nd</sup> OPEN: No Blow, 1/4" blow @ end of open.

30-60-95-90



**JOHNSON 4482-1616**

LS. Bl. G. Si. Foss. Calc. Hk. P. V. Sp.  
DK Bl. Sph. Sh. VSSFD No. Flow  
VSK. Order  
(4500)  
LS. T. wt. Si. Chky.

**DST (5) 4509-4575**

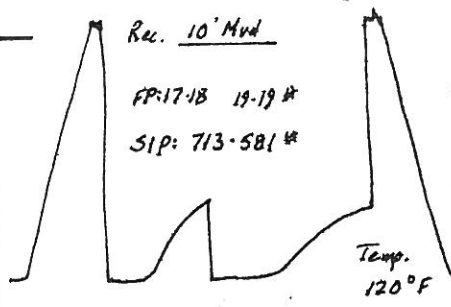
LS. T. G. Si. Foss. Si. Chky. P. V. Sp.  
Mk. Bl. Sph. Sh. VSSFD Dull Flow  
No. Order  
(4512)

1<sup>st</sup> OPEN: Blow built to 1/2"  
2<sup>nd</sup> OPEN: No Blow

30-60-95-90

**MORROW 4514-1648**

LS. T. G. Slid. w/ Glass. T.  
Sh. L.G. Blue-G. Yellow  
Sh. L. Blue-G. Yellow To loose Pyrite  
Sh. L.G. G.



Sh. DK G. G.  
Sol. Cr. Fr. Hk. G. Sph. Hk. P. T. G.  
Bl. Sph. Sh. VSSFD No. Flow. No. Order

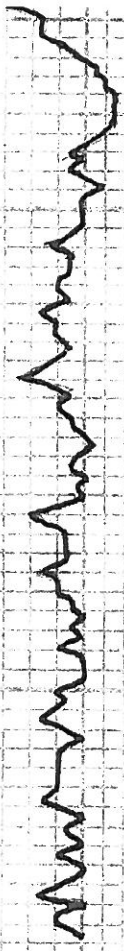
**MISSISSIPPI 4572-1706**

LS. wt. T. Col. Sph.

WLL: 10.01 CHU: 9000 15. wt. ool. shly. chly.



4600



©

4675-1809

15. H. g. wt. ool. chly.

15. T. shly. ool. S. sh. S.

15. g. Da. S. sh. S.

15. T. g. ool. v. sh. shly. S. sh. chly.

15. T. v. sh. chly.

15. shly. g. Da.

A. wt.

15. T. shly. Da.



**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

TICKET NUMBER 30764  
LOCATION Oakley  
FOREMAN Kelley Gabel  
Walt Dinkley

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-17-11	7158	Steckel/Darney #3	1	14S	32	Lane
CUSTOMER		TRUCK # DRIVER TRUCK # DRIVER				
MAILING ADDRESS		463 Miles S				
CITY		556 Damon M				
STATE		Josh G				
ZIP CODE						

JOB TYPE surface HOLE SIZE 12 1/4 HOLE DEPTH 264 CASING SIZE & WEIGHT 8 5/8 24#  
 CASING DEPTH 264 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 15' SLURRY VOL \_\_\_\_\_ WATER gal/sk 6.5 CEMENT LEFT in CASING 15'  
 DISPLACEMENT 15 1/2 bbl DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: safety meeting, rig up to 8 5/8 to get circulation. Mix  
1.75 SKS of Com. 390cc 20 gel. displace with 15 1/2 bbl H2O.  
wasn up, rig down & leave location.

*cement did circulate*

*Thanks  
Kelly & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015		PUMP CHARGE	1025	1025 <sup>00</sup>
5406	20	MILEAGE	<del>505<sup>00</sup></del>	100 <sup>00</sup>
11045	1755 KS	class A Cement	1680 <sup>00</sup>	1680 <sup>00</sup>
1102	495#	cc	.84	415 <sup>80</sup>
1183	330#	gel (contonite)	1.24	79 <sup>20</sup>
5407	8.23	for mileage delivery	1.58	410 <sup>00</sup>
		Subtotal		3710 <sup>00</sup>
		Losses		556 <sup>50</sup>
				3153 <sup>50</sup>
		SALES TAX		
		ESTIMATED TOTAL		

Authorization Robb W. B. TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.





**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 28021  
LOCATION Oakley KS  
FOREMAN Walt Dunkel

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-28-11		Steckel-Darney #3	1	14S	32U	Logan
CUSTOMER Raymond Oil Co.			Oakley			
MAILING ADDRESS			20S			
CITY			2E			
STATE			2N			
ZIP CODE			3/4 W			
TRUCK #	DRIVER	TRUCK #	DRIVER			
463	Josh Gudde					
439	Tim Warham					

JOB TYPE PTA-0 HOLE SIZE 7 7/8 HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 4 1/2 XH TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety Meeting, Rig upon L-D Digs, Plug as ordered

25 SKS @ 2360'  
100 SKS @ 1220'  
40 SKS @ 310  
10 SKS @ 40  
30- SKS in R.H.

*Thank You  
Walt + Crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1,250 <sup>00</sup>	1,250 <sup>00</sup>
5406	20	MILEAGE	5 <sup>00</sup>	100 <sup>00</sup>
1131	205 SKS	60/40 poz.	14 <sup>35</sup>	2941 <sup>75</sup>
1118B	704 #	Bentonite	.24	168 <sup>96</sup>
1107	51 #	Flo-Seal	2 <sup>66</sup>	135 <sup>66</sup>
4432	1	8 5/8 Wooden Plug	96 <sup>00</sup>	96 <sup>00</sup>
5407	8.81	Ton Mileage Delivery	158	410 <sup>00</sup>
				5,102 <sup>37</sup>
		Less 15% Disc		- 765 <sup>36</sup>
				4,337 <sup>01</sup>
		7.8	SALES TAX	221 <sup>60</sup>
			ESTIMATED TOTAL	4,558 <sup>61</sup>

Ravin 3737

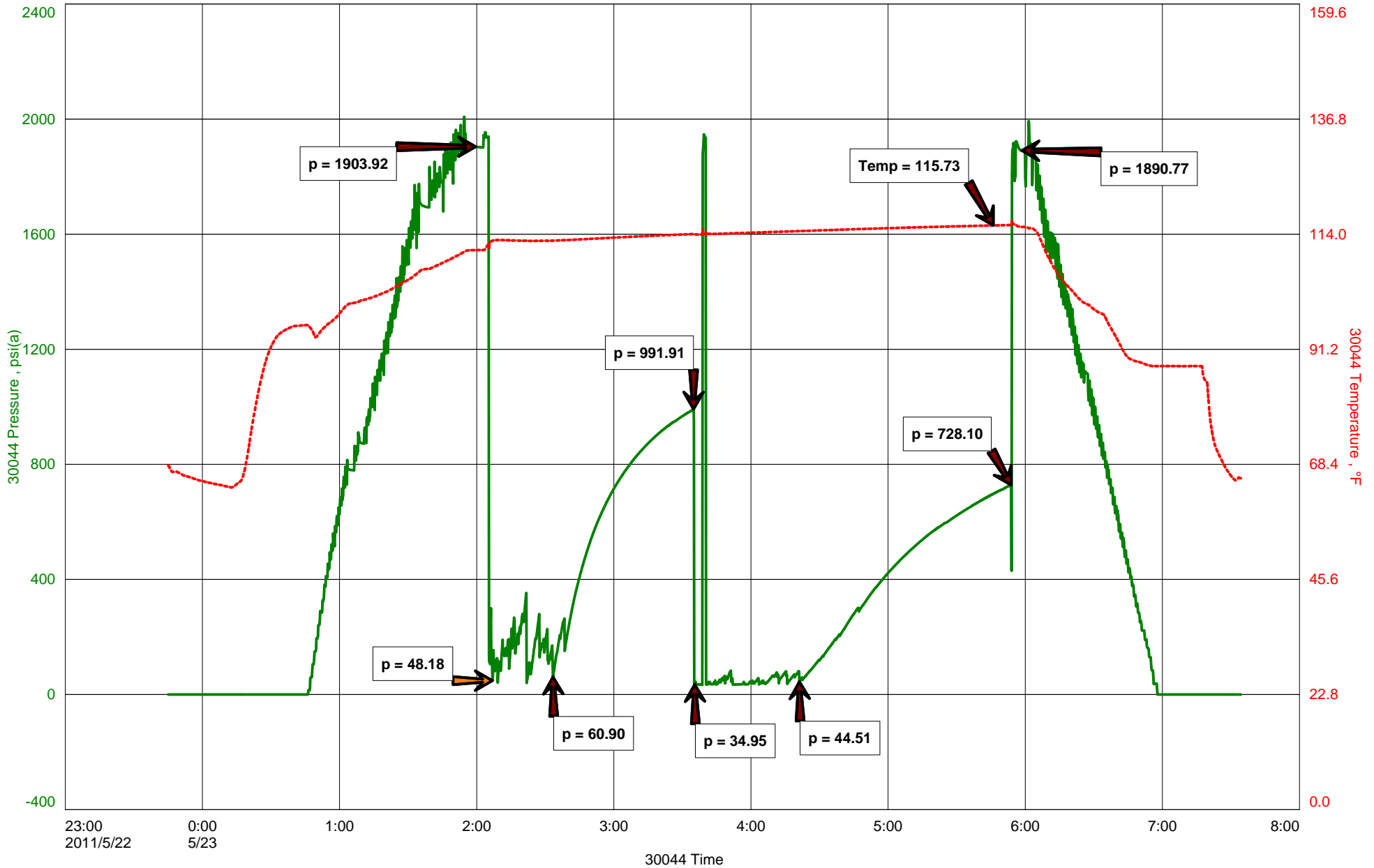
AUTHORIZATION [Signature] TITLE Tool Pusher DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

RAYMOND OIL COMPANY  
DST#1 L/KC 70'  
Start Test Date: 2011/05/22  
Final Test Date: 2011/05/23

STECKEL-DARNEY #3  
Formation: DST#1 L/KC 70'  
Pool: WILDCAT  
Job Number: M162

# STECKEL-DARNEY #3



# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M162
Well Name	STECKEL-DARNEY #3	Representative	MIKE COCHRAN
Unique Well ID	DST#1 L/KC 70'	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.1-14S-32W LOGAN CO. KS.	Report Date	2011/05/23
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 L/KC 70'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/05/22	Start Test Time	23:45:00
Final Test Date	2011/05/23	Final Test Time	07:35:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

### Test Results

#### Remarks

RECOVERED:  
35' DM  
35' TOTAL FLUID

TOOL SAMPLE: DM W/ A STRONG GASSY ODOR



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: \_\_\_\_\_

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

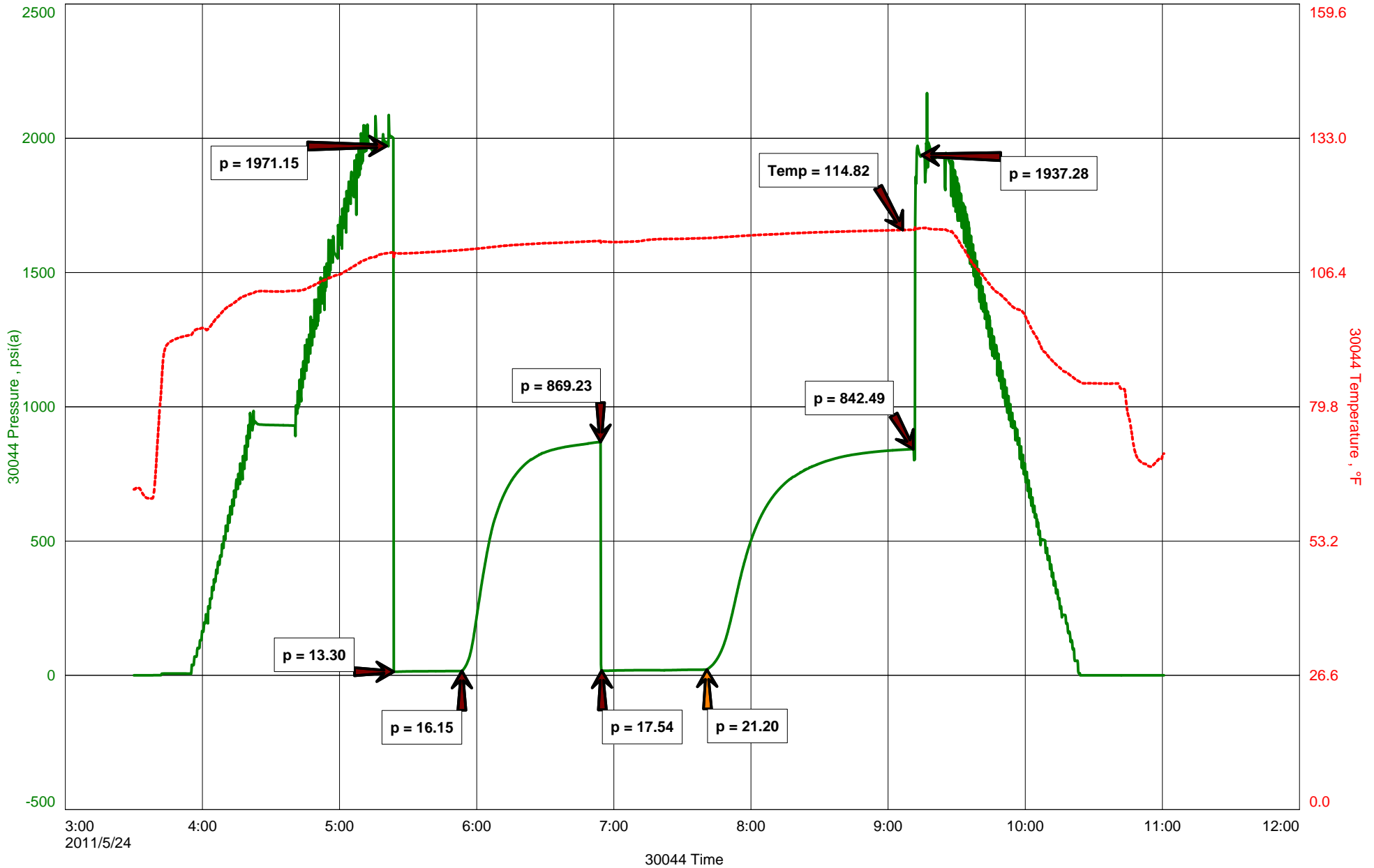
Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

RAYMOND OIL COMPANY  
DST#2 L/KC 140'-160' ZONE  
Start Test Date: 2011/05/24  
Final Test Date: 2011/05/24

STECKEL-DARNEY #3  
Formation: DST#2 L/KC 140'-160' ZONE  
Pool: WILDCAT  
Job Number: M163

# STECKEL-DARNEY #3



# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M163
Well Name	STECKEL-DARNEY #3	Representative	MIKE COCHRAN
Unique Well ID	DST#2 L/KC 140'-160' ZONE	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.1-14S-32W LOGAN CO. KS.	Report Date	2011/05/24
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 L/KC 140'-160' ZONE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/05/24	Start Test Time	03:30:00
Final Test Date	2011/05/24	Final Test Time	11:30:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

### Test Results

#### Remarks

RECOVERED:  
15' SOSDM DM W/ SOME OIL SPOTS  
15' TOTAL FLUID

TOOL SAMPLE: DM W/ GOOD OIL SPOTS



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: \_\_\_\_\_

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

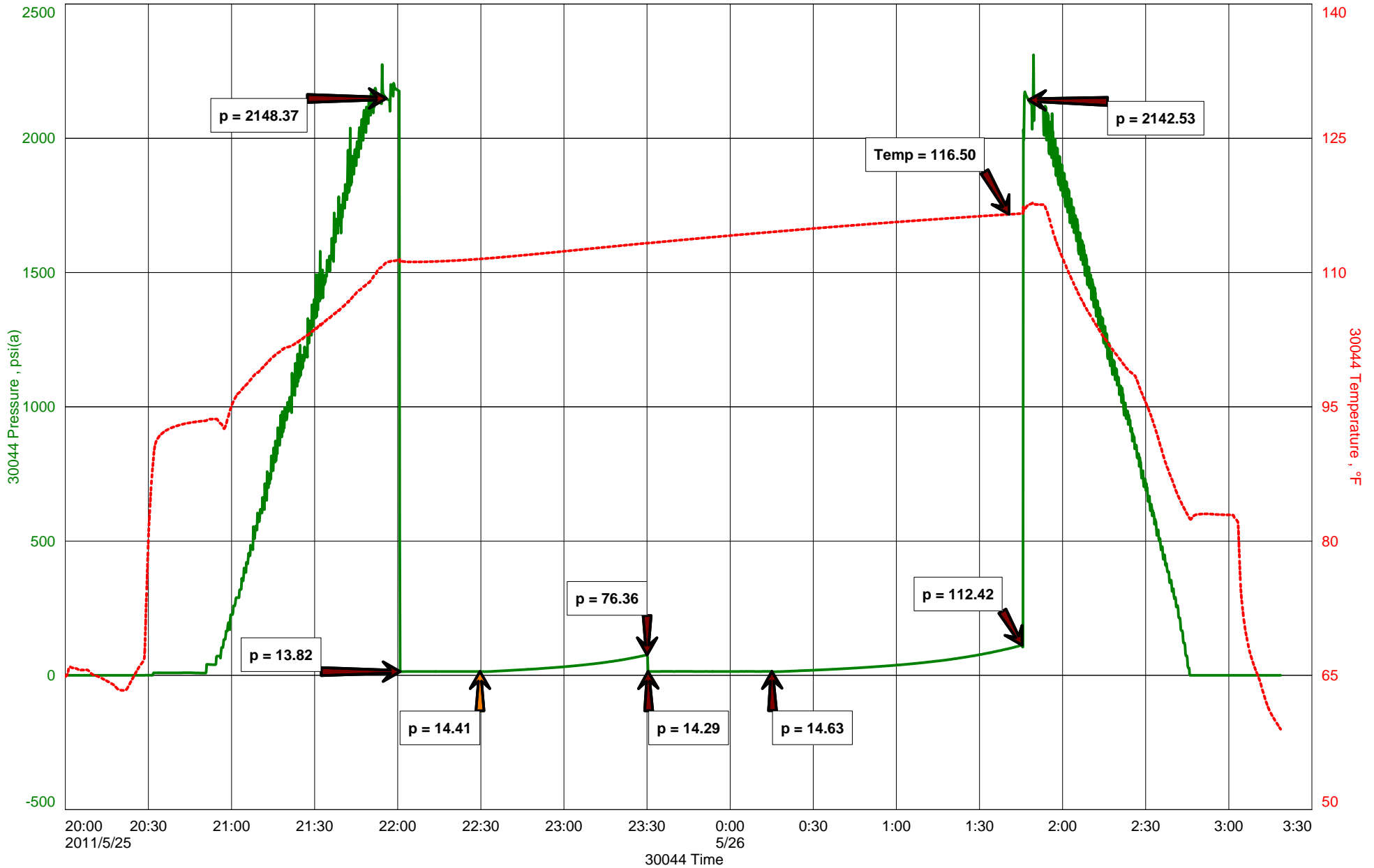
Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ P.S.I.

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RAYMOND OIL COMPANY  
DST#3 4382-4408 MYRICK STATION  
Start Test Date: 2011/05/25  
Final Test Date: 2011/05/26

STECKEL-DARNEY #3  
Formation: DST#3 4382-4408 MYRICK STATION  
Pool: WILDCAT  
Job Number: M164

# STECKEL-DARNEY #3





# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M164
Well Name	STECKEL-DARNEY #3	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4382-4408 MYRICK STATION	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.1-14S-32W LOGAN CO. KS.	Report Date	2011/05/25
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 4382-4408 MYRICK STATION		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/05/25	Start Test Time	20:00:00
Final Test Date	2011/05/26	Final Test Time	03:20:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

### Test Results

#### Remarks

RECOVERED:  
1' DM W/OIL SPOTTING  
1' TOTAL FLUID

NICE SHOW OF FREE OIL ON TOP OF TOOL

TOOL SAMPLE: DM W/ GOOD OIL SPOTS



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: \_\_\_\_\_

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

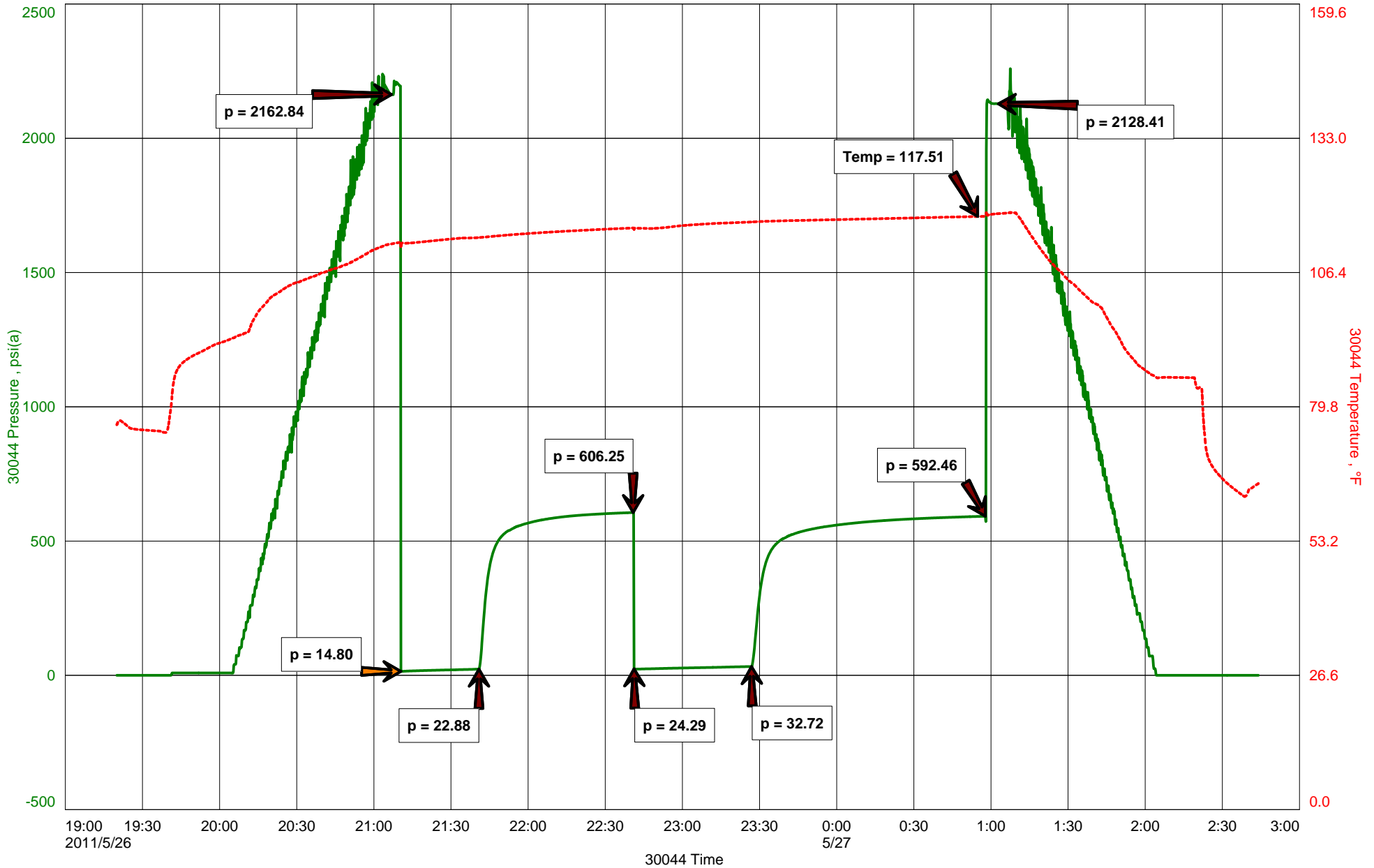
Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ P.S.I.

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# STECKEL-DARNEY #3



# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M165
Well Name	STECKEL-DARNEY #3	Representative	MIKE COCHRAN
Unique Well ID	DST#4 4406-4512 FT. SCOTT, CHEROKEE, JOHNSON	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.1-14S-32W LOGAN CO. KS.	Report Date	2011/05/27
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 4406-4512 FT. SCOTT, CHEROKEE, JOHNSON		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/05/26	Start Test Time	19:20:00
Final Test Date	2011/05/27	Final Test Time	02:45:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

### Test Results

#### Remarks

RECOVERED:  
35' DM 100% MUD  
35' TOTAL FLUID

TOOL SAMPLE: 100% DM W/ SOME VERY LIGHT SPOTS OF OIL



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: \_\_\_\_\_

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ P.S.I.

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# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M166
Well Name	STECKEL-DARNEY #3	Representative	MIKE COCHRAN
Unique Well ID	DST#5 4509-4575 MORROW SAND	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.1-14S-32W LOGAN CO. KS.	Report Date	2011/05/27
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#5 4509-4575 MORROW SAND		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/05/27	Start Test Time	12:00:00
Final Test Date	2011/05/27	Final Test Time	19:30:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

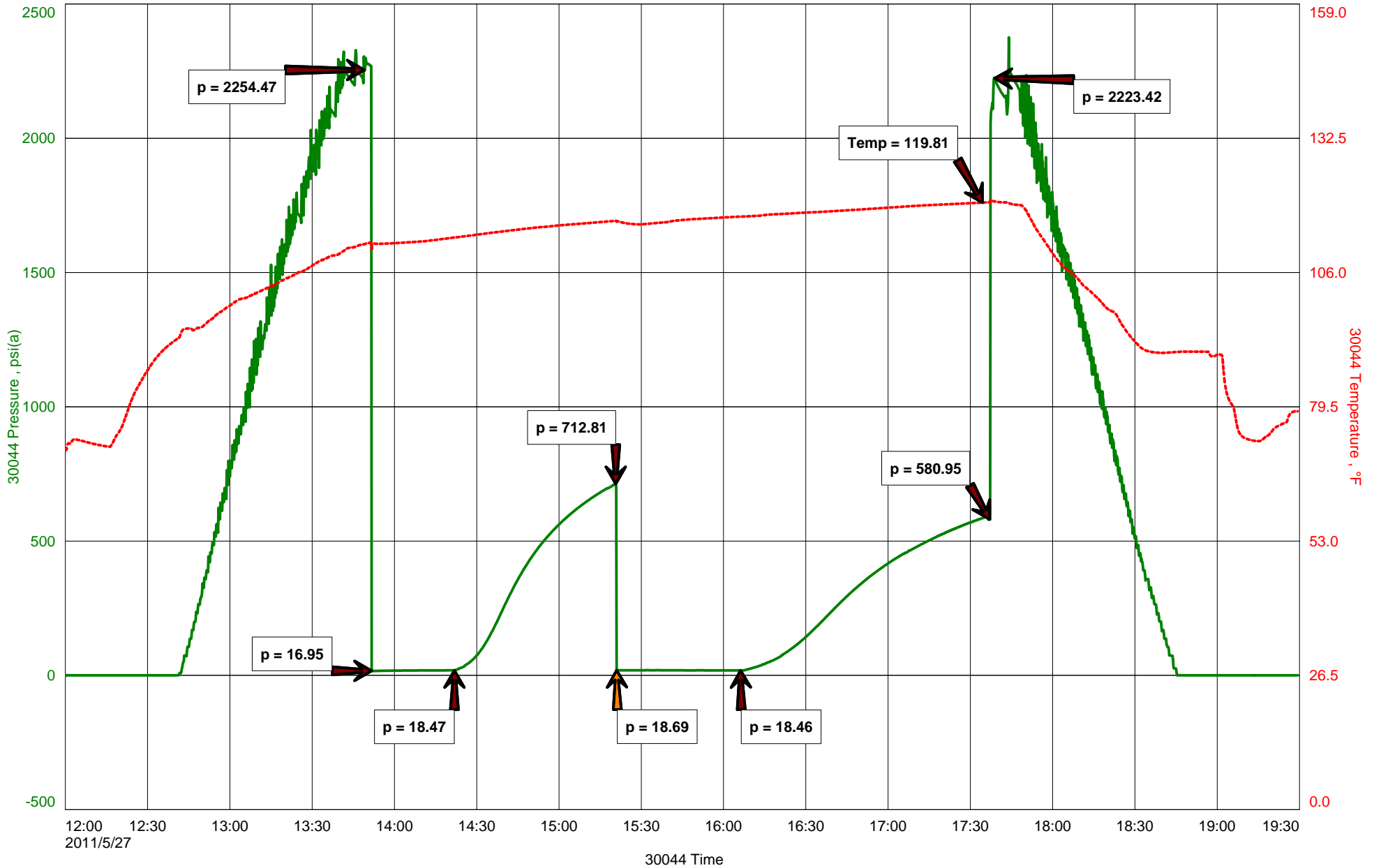
### Test Results

#### Remarks

RECOVERED:  
10' DM 100% MUD  
10' TOTAL FLUID

TOOL SAMPLE: DM

# STECKEL-DARNEY #3





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: \_\_\_\_\_

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.