



KANSAS CORPORATION COMMISSION 1060247
OIL & GAS CONSERVATION DIVISION

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 # 5046
Name: Raymond Oil Company, Inc.
Address 1: PO BOX 48788
Address 2: _____
City: WICHITA State: KS Zip: 67202 + 1822
Contact Person: Ted McHenry
Phone: (316) 267-4214
CONTRACTOR: License # 6039
Name: L. D. Drilling, Inc.
Wellsite Geologist: Kevin Kessler
Purchaser: NCRA

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 #: _____

4/5/2011 4/18/2011 5/10/2011

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

API No. 15 - 15-109-20994-00-00

Spot Description: _____

NE NW NE SW Sec. 1 Twp. 14 S. R. 32 East West

2585 Feet from North / South Line of Section

1672 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Logan

Lease Name: Steckel/Darney Well #: 2

Field Name: _____

Producing Formation: Myric Station

Elevation: Ground: 2891 Kelly Bushing: 2888

Total Depth: 4640 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 247 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2367 Feet

If Alternate II completion, cement circulated from: 2367

feet depth to: _____ w/ 420 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 18000 ppm Fluid volume: 1100 bbls

Dewatering method used: Evaporated

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: Deanna Garriss Date: 08/30/2011



1060247

Operator Name: Raymond Oil Company, Inc. Lease Name: Steckel/Darney Well #: 2
 Sec. 1 Twp. 14 S. R. 32 East West County: Logan

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: Attached	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Stoller</td> <td>3522</td> <td>-635</td> </tr> <tr> <td>Heebner</td> <td>3882</td> <td>-994</td> </tr> <tr> <td>Stark</td> <td>4168</td> <td>-1280</td> </tr> <tr> <td>Paw</td> <td>4378</td> <td>-1490</td> </tr> <tr> <td>Miss</td> <td>4584</td> <td>-1696</td> </tr> </table>	Name	Top	Datum	Stoller	3522	-635	Heebner	3882	-994	Stark	4168	-1280	Paw	4378	-1490	Miss	4584	-1696
Name	Top	Datum																	
Stoller	3522	-635																	
Heebner	3882	-994																	
Stark	4168	-1280																	
Paw	4378	-1490																	
Miss	4584	-1696																	

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	12.25	8.625	23	247	Common	175	3%CC,2%Gel
Production	7.875	4.5	10.5	4638	60/40 Pozmix	300	7.5%Salt
DV	0	0	0	2367	60/40 Pozmix	420	8%gel,1/4#flo seal

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
2	4417-4424	500 A	

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>4438'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>5/11/2011</u>	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 Bbbs. <u>140</u>	Gas Mcf <u>0</u> Water Bbbs. <u>0</u> Gas-Oil Ratio _____ Gravity <u>32</u>

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>4417-24</u>
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Form	ACO1 - Well Completion
Operator	Raymond Oil Company, Inc.
Well Name	Steckel/Darney 2
Doc ID	1060247

All Electric Logs Run

Neutron
Dual Induction
Micro
Geo Report
Cement Bond



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 30758
LOCATION Oakley Ks
FOREMAN Walt Dinkel

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
4-17-11	7158	Steckel-Darney #2	1	145	32 ^W	Logan
CUSTOMER Raymond Oil Co, Inc						
MAILING ADDRESS						
CITY		STATE	ZIP CODE			
TRUCK #	DRIVER	TRUCK #	DRIVER			
456-T118	Chad Smith					
566	Tosh Budda - Cory Davis					
528-T127	Miles Skew - Damien Miller					

JOB TYPE Prod-DV-0 HOLE SIZE 7 7/8 HOLE DEPTH 4640' CASING SIZE & WEIGHT 4 1/2-10.5 #
CASING DEPTH 4638' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 142-128 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 42'
DISPLACEMENT 75 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 6 Bpm

REMARKS: Safety Meeting, rig up to Circ, (Cent 1-3-5-7-9-11-53" DV 54
mix 300 sks 60/40 per, 7 1/2 % salt, 2% cal, clear Pump + Lines, Displace 40 BBL
H2O + 35 BBL mud @ 1000 #, landed @ 1500 #, released, Pressure
Floct Held,
Drop operating tool, open tool, mixed 420 sks 69/40 per, 8% cal
1/4" Flo-Seal, released Plug + Displace 37 BBL H2O @ 850 #
landed Plug @ 1500 #, released Pressure, Held

Cement Did Circ

Thank You
Walt + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401P	1	PUMP CHARGE	2,950 ⁰⁰	2,950 ⁰⁰
5406	20	MILEAGE	5 ⁰⁰	100 ⁰⁰
1131	300 sks	60/40 per, Bottom stage	14 ³⁵	4,305 ⁰⁰
1131	450 sks	60/40 per, Top stage	14 ³⁵	6,457 ⁵⁰
1111	1200 #	Salt	.42	504 ⁰⁰
1118B	3612 #	Bertranite	.24	866 ⁸⁸
1107	113 #	Flo-Seal	2 ⁶⁶	300 ⁵⁸
4156	1	#FU Floct Shoe	287 ⁰⁰	287 ⁰⁰
4129	7	Centralizers	46 ⁰⁰	322 ⁰⁰
4103	1	Basket	261 ⁰⁰	261 ⁰⁰
4283	1	DV Tool	3,850 ⁰⁰	3,850 ⁰⁰
5407A	32.25	Tan Mileage Delivery	1 ⁵⁸	1,019 ¹⁰
				21,223 ⁰⁶
				3,183 ⁴⁰
				18,039 ⁵⁹
			SALES TAX	1,137.33
			ESTIMATED	
			TOTAL	19,196.92

240864

less 15% Disc

Rev 03/07

AUTHORIZATION _____ 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

MS
Pen
JG

TICKET NUMBER 30735
LOCATION OKHous
FOREMAN Fuzz Y

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
4-5-11	7158	Steckel-Darvey #2	1	14	32	LOSAN
CUSTOMER Raymond Oil Co.		CITY		STATE	ZIP CODE	
MAILING ADDRESS		CITY		STATE	ZIP CODE	
CITY		STATE	ZIP CODE			

TRUCK #	DRIVER	TRUCK #	DRIVER
566	Calvin H.		Josh
463	MILES S		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 250' CASING SIZE & WEIGHT 8 1/8 - 24#
 CASING DEPTH 247' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.24 SLURRY VOL 1.34 WATER gal/sk 5.2 CEMENT LEFT in CASING 15'
 DISPLACEMENT 14.7 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: safety meeting on well D Ric #1 used 8 1/8 s wedge
Mix 175 sks Cem 390cc 290gal
Displace 14 3/4 BBLs + shut in
Cement did circulate approx 5 BBLs
Thanks Fuzz Y to crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1025.00	1025.00
5406	20	MILEAGE	5.00	100.00
11045	175	CLASS A	16.80	2940.00
1102	495 #	Calcium Chloride	.84	415.80
1118B	330 #	Bentonite	.24	79.20
5407	8.23	Tex mileage Delivery	138	410.00
				4970.00
		less 20% disc		994.00
				3976.00
			SALES TAX	214.34
			ESTIMATED TOTAL	4190.34

AUTHORIZATION [Signature] 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 for

KEVIN L. KESSLER
CONSULTING PETROLEUM GEOLOGIST
(316) 522-7338

OPERATOR : RAYMOND OIL COMPANY INC.
LEASE : STECKEL - DARNEY WELL # : 2
LOCATION : 2585' FSL & 1672' FWL
SEC: 01 TWP : 14S RGE : 32W
COUNTY : LOGAN STATE : KANSAS

ELEV,
KB :
GL :
 MEASUREI
K

CONTRACTOR : L D DRILLING RIG # 1
COMM: 04 / 05 / 2011
RTD : 4640
SAMPLES SAVED FROM : 3450
GEOLOGICAL SUPERVISION FROM : 3450
MUD UP : 3400

COMP : 04 / 18 / 2011
LOG TD : 4638

TO: RTD
TO : RTD
TYPE MUD : CHEMICAL

CASING
SURFACE
8 5/8"
PRODUCT
4 1/2"

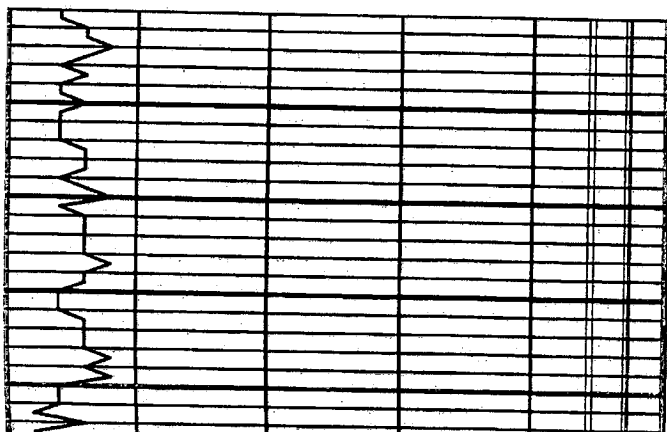
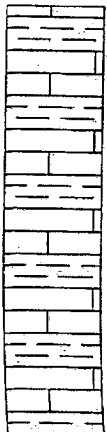
ELECTRIC/
D
CNL
 RMI/

FORMATION	LOG		SAMPLE		STRUCT. COMP.
	TOP	DATUM	TOP	DATUM	

NER	3882	- 994	3882	- 994	- 07
ING	3921	- 1033	3921	- 1033	- 07
RK	4168	- 1280	4168	- 1280	- 10
VNEE	4378	- 1490	4378	- 1490	- 10
OKEE	4460	- 1572	4460	- 1572	- 10
MISSIPPI	4581	- 1693	4581	- 1693	- 04

REFERENCE WELL FOR STRUCTURAL COMPARISON :

OIL CO. # 1 STECKEL - DARNEY SEC. 01 - T 14S - R32W LOGAN COUNTY KANSAS



LST: CRM - TAN FXTAL SOFT
 CHALKY MINOR FOSS FR.
 AMT GRAY SHALE NSO

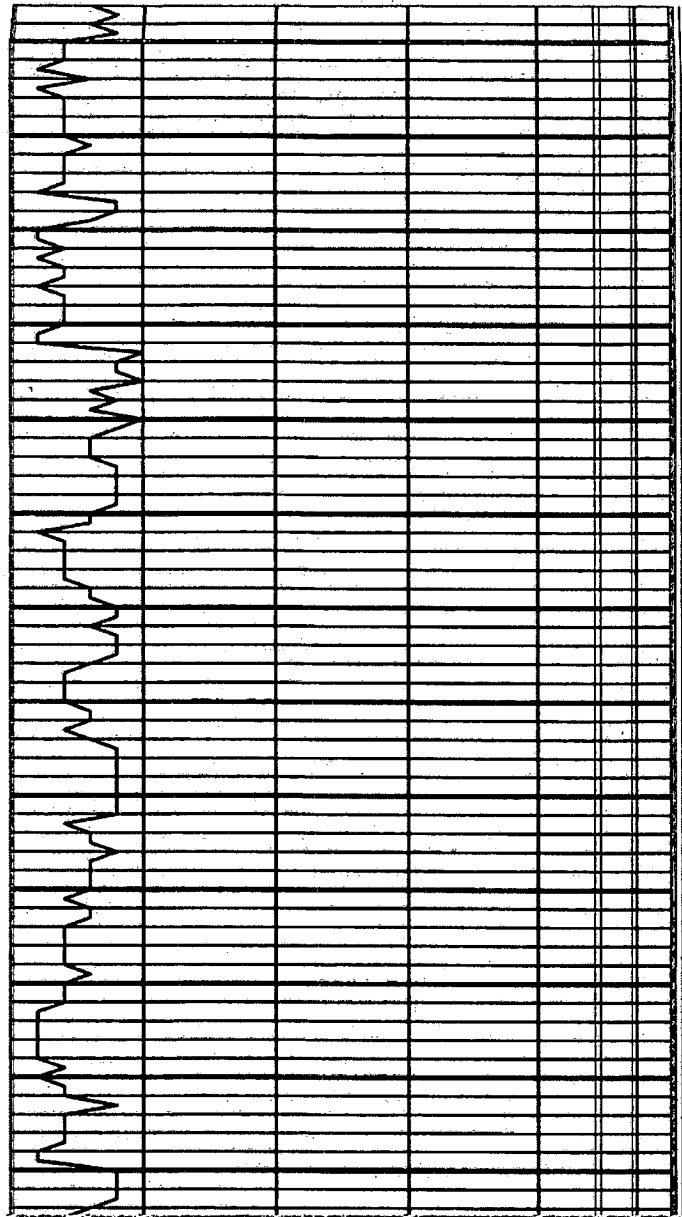
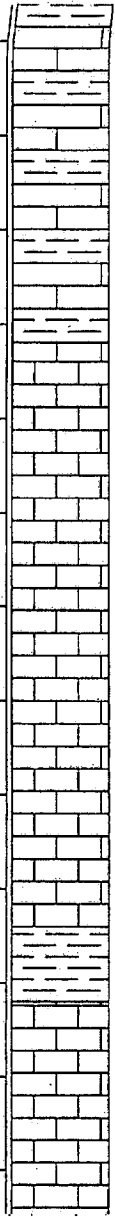
LST: A. A. ABUND. GRAY

MUD CHECK @ 3450
 VIS: 47
 WT: 8.9

3500

3550

3600



LST: A. A. ABUND. GRAY
CALC SHALE NO VIS. POR
NSO

SHALE: GRAY NSO

LST: CRM - GRAY FXTAL
DNSE FOSS IN PART SLI
AREN. NO VIS. POR. NSO

LST: A. A. FR AMT GRAY
SHALE NSO

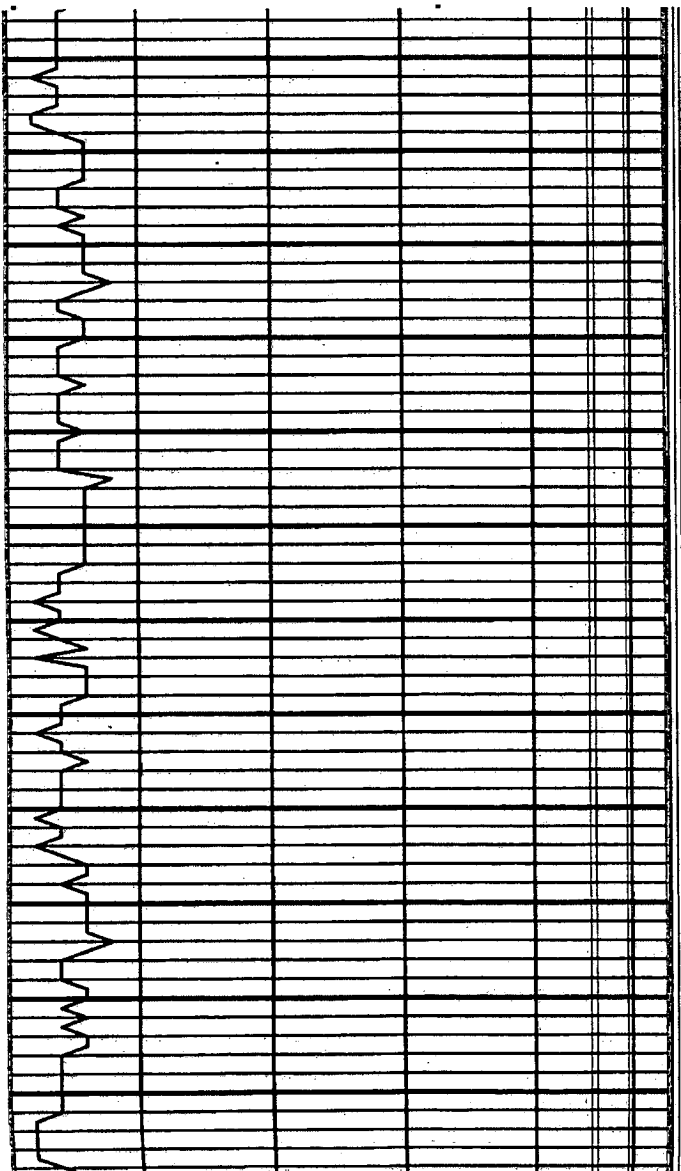
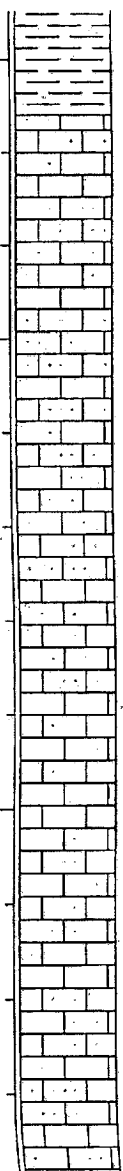
LST: CRM - GRAY FXTAL
SUBCHKY - DNSE FOSS IN
PART NO VIS. POR. NSO

LST: A. A. W/ ABUND CALC.
SHALE

MUD CHECK ()
VIS: 47
WT: 9.0

3650

3700



SHALE: GRAY SILTY NSO

LST: CRM - TAN FXTAL HARD
DNSE AREN IN PART NO VIS
POR. NSO

SHALE GRAY - GREEN SILTY
NSO

LST: HARD DNSE RARE
FOSS SLI OOLITIC AREN IN
PART NO VIS POR. NSO

LST: A. A. MINOR SILTY
SHALE NO VIS. POR. NSO

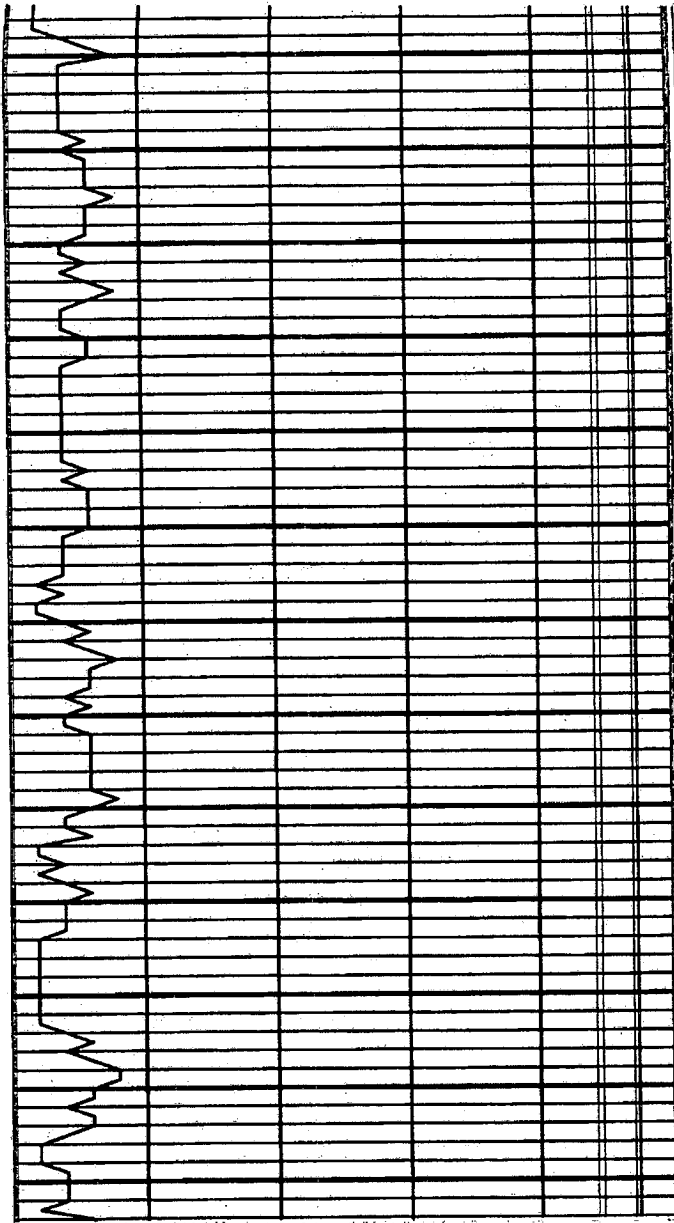
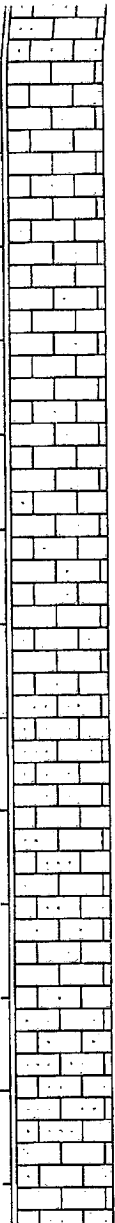
LST: CRM - TAN FXTAL SOFT
CHKY OOLITIC IN PART
ARENACEOUS RARE FOSS
NO VIS POR. NSO

MUD CHECK @ 3650
VIS: 46
WT: 9.1

3750

3800

3850



LST: A. A. SHLY IN PART NO
VIS. POR. NSO

MUD CHECK @
VIS: 49
WT: 9.0

LST: DNSE BLOCKY SLI
FOSS AREN IN PART NO VIS.
POR NSO

LST: A. A. SHLY IN PART NO
VIS. POR. NSO

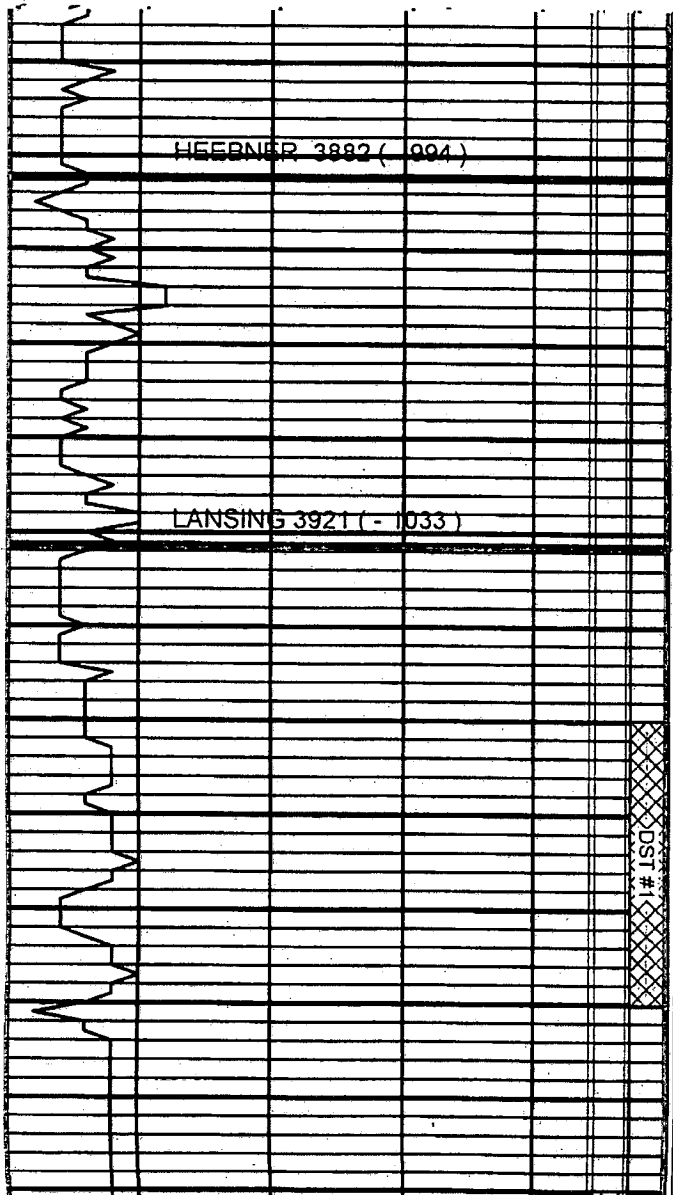
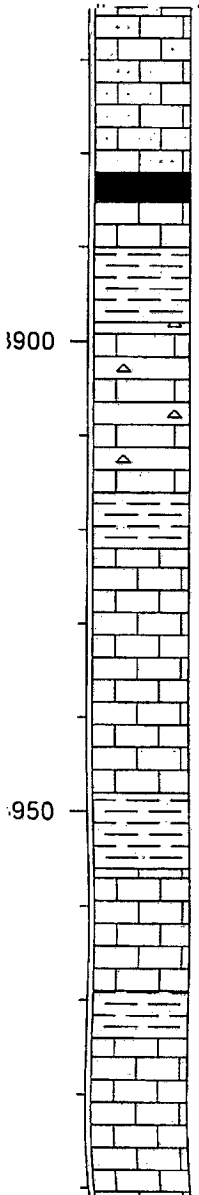
LST: CRM - TAN FXTAL
SUBCHKY - CHKY MINOR
OOLITES AREN. IN PART NO
VIS. POR. NSO

LST: A. A. FR AMT DRK GRAY
SHALE NSO

LST: CRM - TAN FXTAL SOFT
CHKY OOLITIC IN PART SLI
FOSS. PR INTRPRT POR.
NSO

MUD CHECK
VIS: 48
WT: 9.0

LST: CRM - TAN FXTAL SOFT
CHKY OOLITIC IN PART SLI
FOSS. PR INTRPRT POR.
NSO



CHKY OOLITC SLI FOSS
AREN IN PART PR - FR CHKY
POR. NSO

HEEBNER 3882 (- 004)

SHALE: BLACK CARB. W/ FR
AMT DNSE MOTTLED LST.
NO VIS. POR. NSO

900

SHALE: GRAY - DRK GRAY
SILTY NSO

LST: CRM - WHT FXTAL
SUBCHKY - DNSE MINOR
CHERT NO VIS. POR. NSO

LANSING 3921 (- 1033)

LST: A. A. W/ FR AMT SILTY
SHALE NSO

950

LST: WHT - CRM FXTA
SUBCHKY - DNSE FOSS IN
PART NO VIS. POR. NSO

DST # 1

LST: CRM - WHT FXTAL
SUBCHKY - DNSE SLI FOSS
OOLITIC IN PART FR - GD
SFO FNT - FR ODOR SCATT -
FR AMT SUBSAT - SAT MED
BRN STN FR INTRPRT POR.

LST: WHT - CRM - GRAY
FXTAL DNSE BLOCKY SLI
FOSS NO VIS. POR. NSO

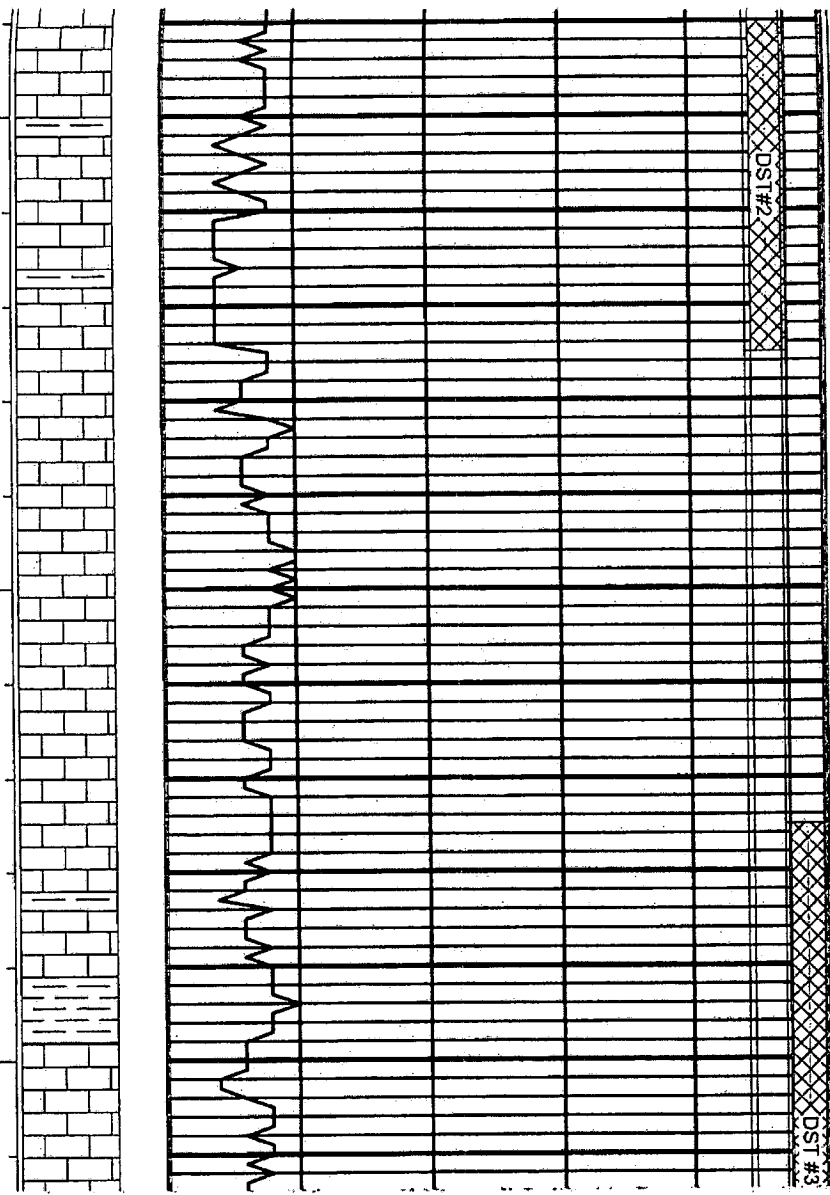
DST # 1 (3940 - 3970)
REC: 105' VSOCMW <
IFP: 5 - 25#
ISIP: 890#
FFP: 27 - 53#
FSIP: 883#

MUD CHECK @ 3950
VIS: 45
WT: 9.2

4000

4050

4100



LST: A. A. FR AMT GRAY SHALE

LST: WHT - CRM FXTAL
HARD BRITTLE SLI FOSS
SSFO STRG SULF ODOR
SCATT LT - MED BRN
SUBSAT STN. PR INTRPRT.
POR.

LST: WHT - CRM FXTAL
SUBCHKY - DNSE SLI FOSS
RARE OOLITE MINOR CHERT
VRY POOR VIS INTRPRT
POR. NSO

LST: A. A. MOST DNSE SLI
FOSS. NO VIS. POR NSO

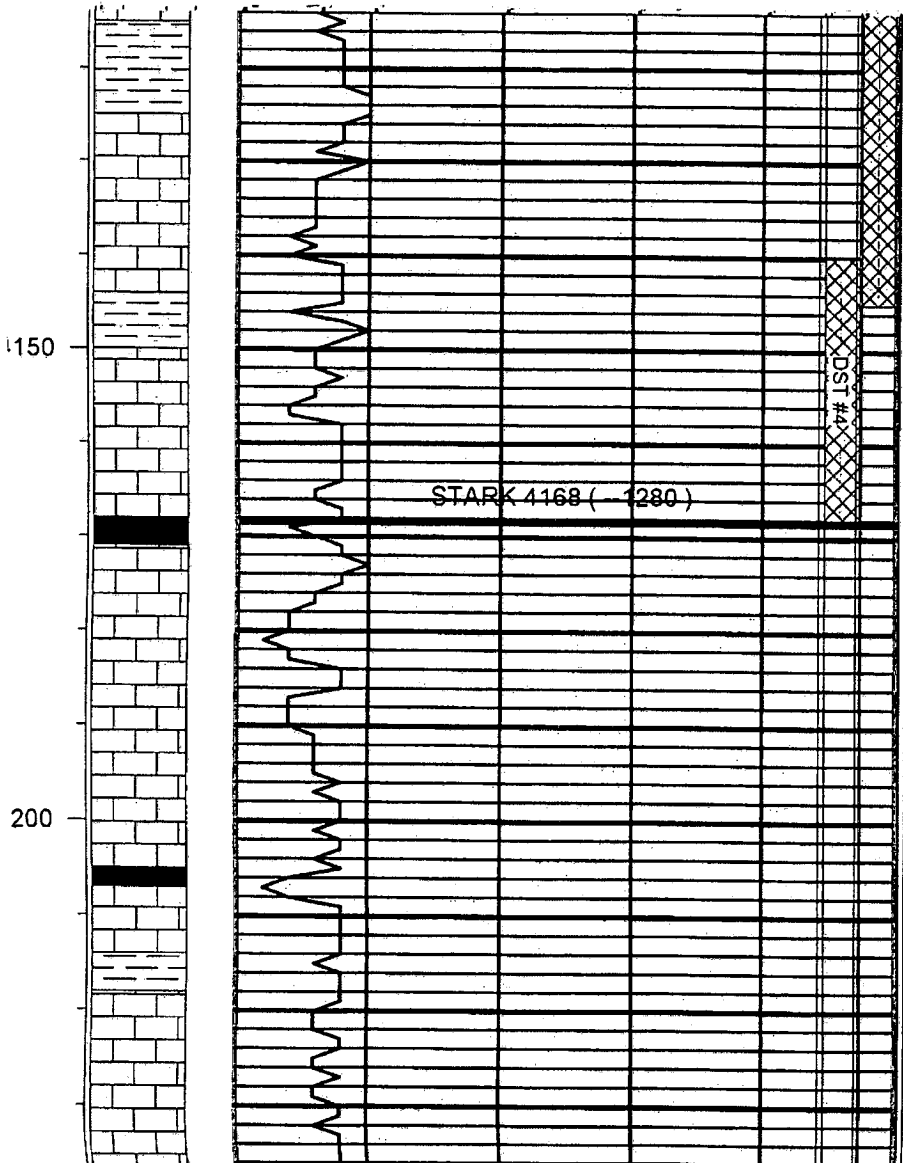
LST: A. A. NO VIS. POR. NSO

LST: WHT - CRM - GRAY
FXTAL SUBCHKY - DNSE SLI
FOSS BRITTLE IN PART
SSFO VRY FNT ODOR FEW
DGS W/ CRTV. SUBSAT STN

DST # 2 (3990
REC: 100' MW'
IFP: 6 - 25#
ISIP: 870#
FFP: 27 - 51#
FSIP: 838#

MUD CHECK (VIS: 48
WT: 9.1

DST # 3 (4075
REC: 225' MC'
IFP: 9 - 54#
ISIP: 1186#
FFP: 59 - 111#
FSIP: 1141#



W/ SPTY - SUBSAT STN PR - FR INTRPRT POR.

LST: A. A. SHLY IN PART NO VIS. POR. NSO

LST: CRM - GRAY FXTALSUB CHKY - DNSE SLI FOSS. SSFO FR ODOR SCATT LT. BRN SPTY - SUBSAT STN PR INTRPRT POR.

LST: WHT - CRM - GRAY FXTAL DNSE BRITTLE OOLITIC - OOLICASTIC GSGSYFO SCATT MED - DRK BRN SPTY - SAT STN FR INTRPRT & OOLICAST POR. STRONG ODOR

SHALE: DRK GRAY - BLK CARB. NSO

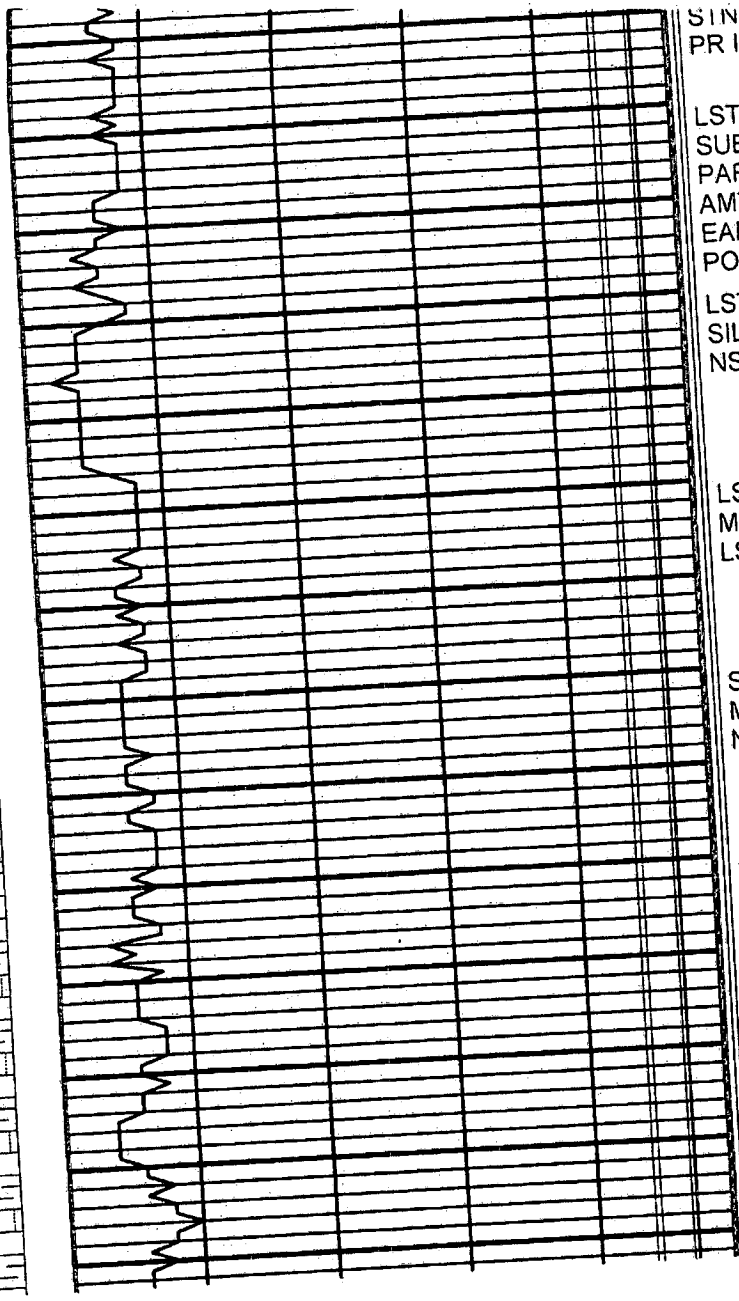
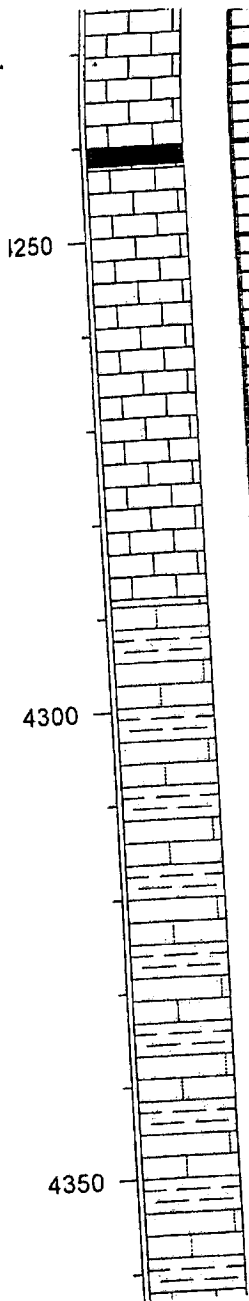
LST: WHT - CRM SUBCHKY - DNSE FOSS. MINOR OOLITES FSFO STRONG H2S ODOR SCATT - FR AMT SUBSAT - SAT MED BRN STN PR INTRPRT & PINPOIT POR.

LST: A.A. CHKY IN PART NSO SHALE: BLK CARB.

LST: WHT - GRAY FXTAL DNSE SLI FOSS CPL. PCS. W/ SPTY - SUBSAT MED BRN STN VSSFO VRY FNT ODOR PR INTRPRT. POR.

DST # 4 (4140 - 4168
 REC: 140' MCW VSSC
 IFP: 6 - 33#
 ISIP: 1180#
 FFP: 35 - 70#
 FSIP: 1176#

MUD CHECK @ 4150
 VIS: 48
 WT: 9.2



SIN VSSFO VIT... -
PR INTRPRT. POR.

LST: CRM - TAN FXTAL
SUBCHKY - DNSE ARN IN
PART SLI FOSS SHLY W/ FR
AMT BRN ARGILACEOUS
EARTHY SHALE NO VIS.
POR. NSO

MUD CHECK @ 4250
VIS: 47
WT: 9.2

LST: A. A. VERY SHALEY
SILTY SANDY NO VIS. POR.
NSO

LST: A. A. SHLY IN PART
MINOR DNSE MICRITIC BRN
LST. NO VIS. POR. NSO

SHALE: RED - BRN EARTHY
MINOR AMT SILTY - SANDY
NSO

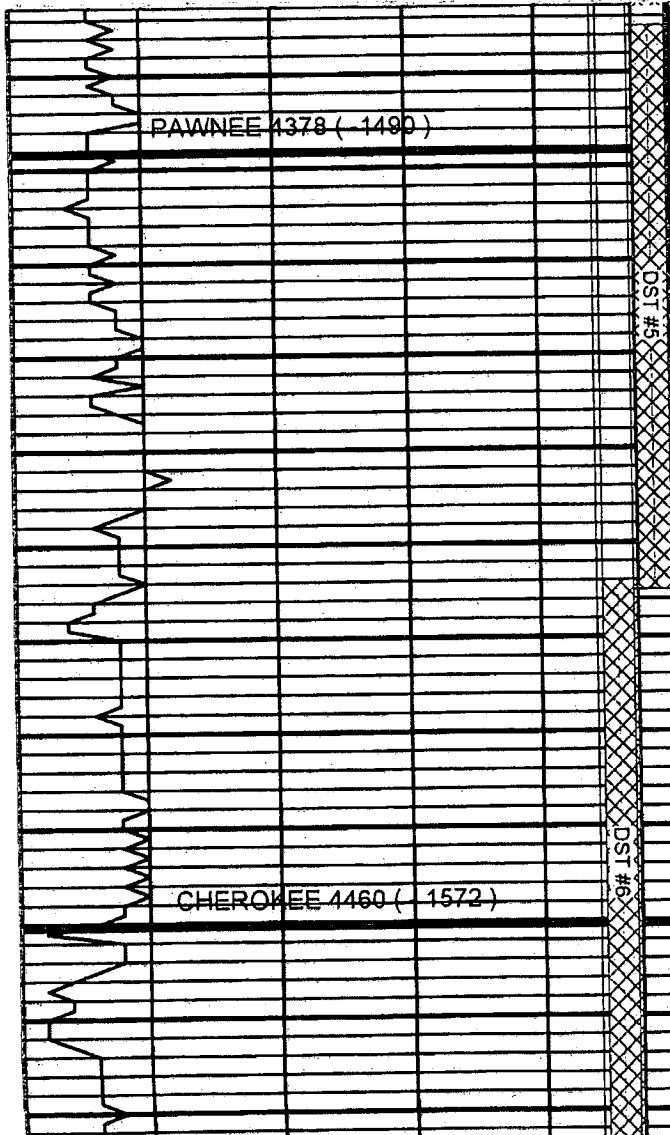
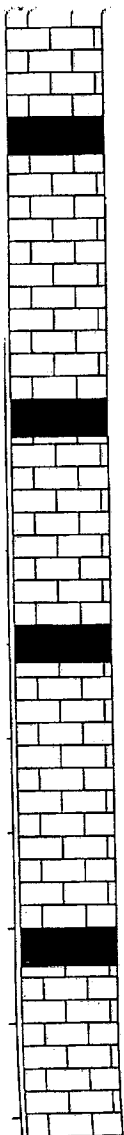
LST: TAN - BRN FXTAL DNSE
BRITTLE MICRITIC IN PART
RARE FOSS NO VIS. POR
NSO

LST: A. A. ABUND BRN
SHALE NO VIS. POR NSO

MUD CHECK @
VIS: 50
WT: 9.1

LST: CRM - TAN - BRN FXTAL

DST # 5 (4365 -



SUBCHKY - DNSE RARE
FOSS NO VIS POR NSO FR
AMT RED - BRN SHALE

LST: WHT - GRAY FXTAL
DNSE BLOCKY CPL. PCS
DRK BRN SPTY STN NSFO
NO ODOR PR VUGGY POR.

LST: A. A. NO VIS. POR. NSO

LST: CRM - TAN FXTAL DNSE
BRITTLE FOSS IN PART
SSFO GD ODOR SCATT
SPTY - SUBSAT - SAT MED
BRN STN PR - FR VUGGY &
INTRPRT POR.

SHALE: BLK CARB. NSO

LST: WHT - CRM FXTAL
DNSE BRITTLE SLI FOSS.
MOSTLY OOLITIC FSGSYFO
FR ODOR SCATT - FR AMT
LT - MED BRN SUBSAT - SAT
STN PR FR INTROOLITIC
POR.

SHALE: BLK CARB. NSO

LST: CRM - GRAY FXTAL
SUBCHKY - DNSE FOSS IN
PARTGSFO FR ODOR SCATT
MED - DRK BRN SUBSAT

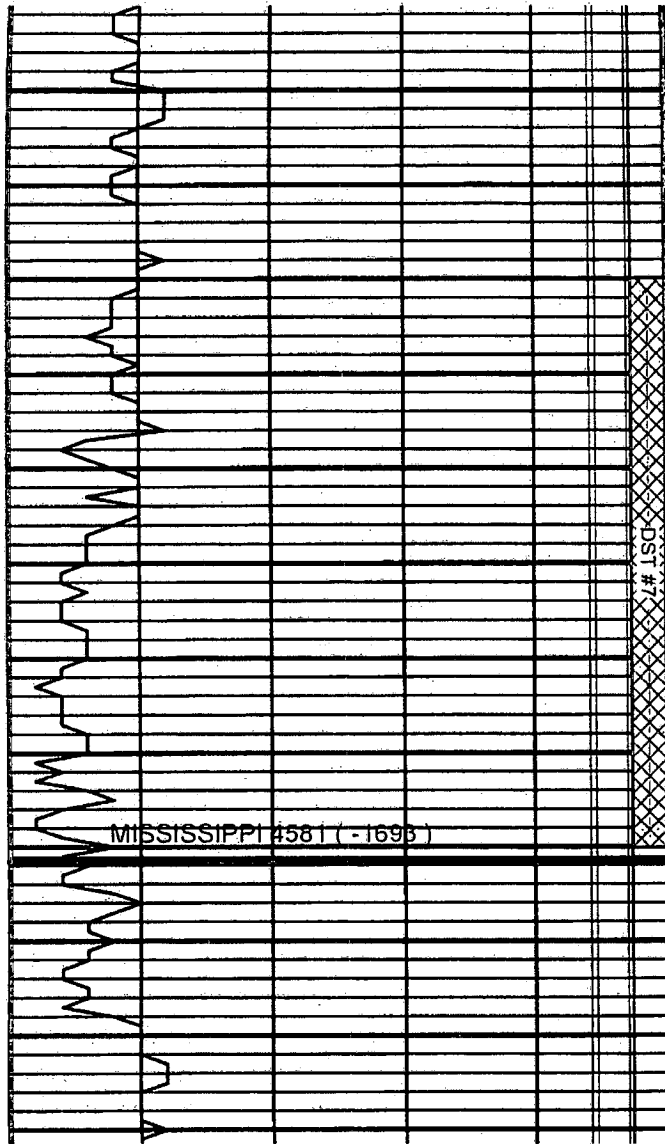
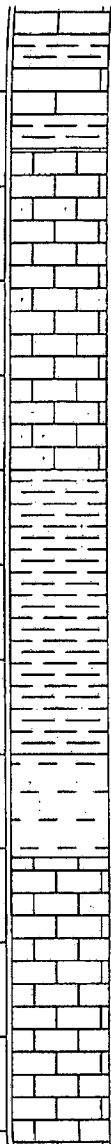
REC: 485' GIP
34' HOCM 30%O
116' MO 85%O
IFP: 7 - 36#
ISIP: 1117#
FFP: 35 - 66#
FSIP: 1117#

DST # 6 (4424 - 4484)
REC: 30' MUD SSO
IFP: 8 - 9#
ISIP: 1161#
FFP: 10 - 12#
FSIP: 1090#
MUD CHECK @ 4450
VIS: 49
WT: 9.2

4500

4550

4600



MISSISSIPPI #581 (-1693)

DST #7

SHALE: BLK CARB. W/ FR
AMT DRK GRAY CAC. SHALE

A. A. W/ FR AMT
INTRBEDDED DNSE FLAGGY
LST. NSO

LST: CRM - TAN FXTAL DNSE
ARENACEOUS IN PART SLI
FOSS GSFO STRONG ODOR
FR AMT SUBSAT - SAT MED -
DRK BRN STN PR VUGGY
POR. MINOR CHERT

LST: A. A. FR AMT SNDY
SHALE FEW SMALL CLUST.
TGHT CMT CLEAN SAND
NSO NO ODOR

SHALE: YELLOW - GRAY
SILTY - SNDY IN PRT NSO

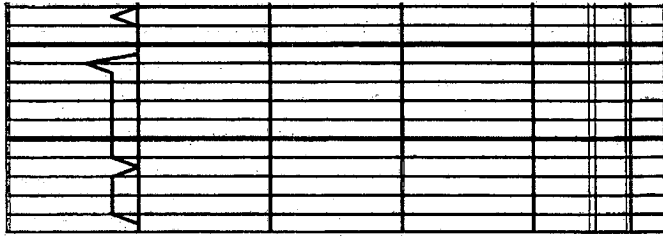
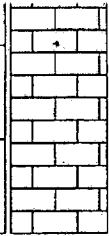
SND: FN GRND QTZ WELL
SORTED HARD CLUST.
FSGSYFO FR - GD ODOR
SCATT LT - MED BRN SAT
STN PR - FR INTRGRAN
POR. SHLY IN PART

LST: WHT - CRM FXTAL
DNSE BLOCKY OOLITIC IN
PART ARENAEOUS MINOR
FR INTRPRT POR. NSO

LST: WHT CRM A A

DST # 7 (4520 - 451
REC: 5' MUD VSSO
IFP: 7 - 7#
ISIP: 390#
FFP: 9 - 9#
FSIP: 271#

MUD CHECK @ 45
VIS: 52
WT: 9.2



ARENACEOUS NO VIS. POR.
NSO

LST: A. A. NO VIS. POR. NSO

RTD = 4640 L

COMMENTS:

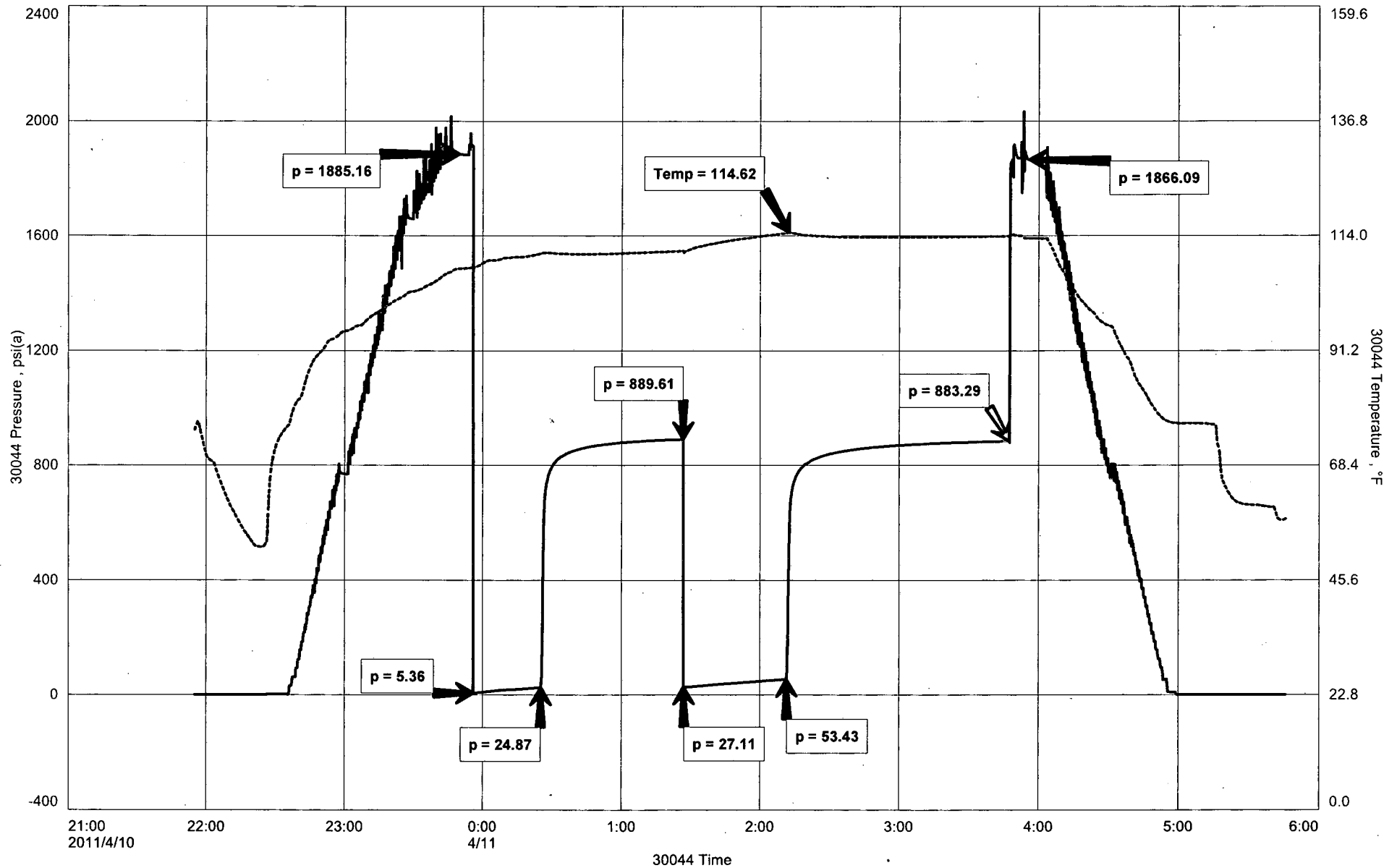
**4 1/2" PRODUCTION CASING WAS SET TO FURTHER EVALUATE THE
PRODUCTIVITY OF THIS WELL**

KEVIN L. KESSLER

RAYMOND OIL COMPANY
DST#1 3940-3970 LSG 35' ZN
Start Test Date: 2011/04/10
Final Test Date: 2011/04/11

STECKEL-DARNEY #2
Formation: DST#1 3940-3970 LSG 35' ZN
Pool: WILDCAT
Job Number: M136

STECKEL-DARNEY #2



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M136
Well Name	STECKEL-DARNEY #2	Representative	MIKE COCHRAN
Unique Well ID	DST#1 3940-3970 LSG 35' ZN	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.1-14S-32W LOGAN CO. KS.	Report Date	2011/04/11
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 3940-3970 LSG 35' ZN		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/04/10	Start Test Time	21:55:00
Final Test Date	2011/04/11	Final Test Time	05:47:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
5' SOCMW 7%OIL, 16% WTR, 77% MUD
100' MW 90% WTR, 10% MUD
105' TOTAL FLUID

CHLOR: 40,000 PPM
RW: .24 @ 58 DEG
PH: 7.0

TOOL SAMPLE: 99% WTR, 1% MUD, LIGHTSCUM OF OIL



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STCKLDRNY2DST1

TIME ON: 2155 (4/10)
TIME OFF: 0547 (4/11)

Company RAYMOND OIL COMPANY Lease & Well No. STECKEL-DARNEY #2
Contractor L.D. DRLG RIG 1 Charge to RAYMOND OIL COMPANY
Elevation 2888 KB Formation LSG 35' ZN Effective Pay _____ Ft. Ticket No. M136
Date 04/10/2011 Sec. 1 Twp. 14 S Range 32 W County LOGAN State KANSAS
Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3940 ft. to 3970 ft. Total Depth 3970 ft.
Packer Depth 3935 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3940 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3922 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3967 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 51 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 1,000 P.P.M. Drill Pipe Length 3908 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 30 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, INC. TO 3 1/2" (NO BB)
2nd Open: WSB AFTER 2 MIN, THEN INC. TO 4" (NO BB)

Recovered 5 ft. of SOCWM 7% OIL, 16% WTR, 77% MUD
Recovered 100 ft. of MW 90% WTR, 10% MUD
Recovered 105 ft. of TOTAL FLUID

Recovered _____ ft. of _____	PH: 7.0	Price Job
Recovered _____ ft. of _____	CHLOR: 40,000 PPM	Other Charges
Remarks: _____	RW: .24 @58 °	Insurance
TOOL SAMPLE: 99% WTR, 1% MUD LIGHT SCUM OF OIL		Total

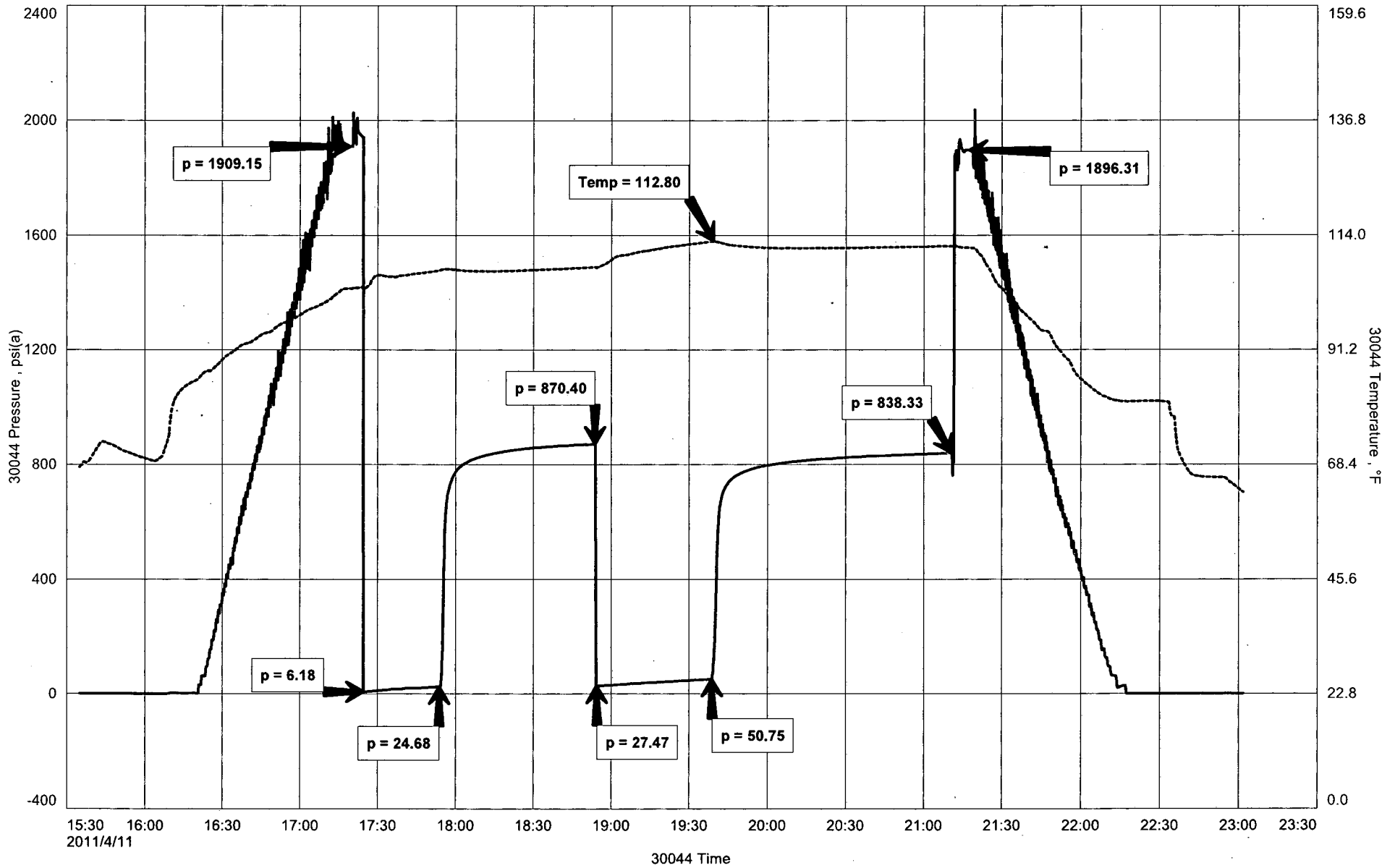
Time Set Packer(s) 12:00A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 3:45 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 115
Initial Hydrostatic Pressure..... (A) 1885 P.S.I.
Initial Flow Period..... Minutes 30 (B) 5 P.S.I. to (C) 25 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 890 P.S.I.
Final Flow Period..... Minutes 45 (E) 27 P.S.I. to (F) 53 P.S.I.
Final Closed In Period..... Minutes 90 (G) 883 P.S.I.
Final Hydrostatic Pressure..... (H) 1866 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 3990-4025 LSG 70-90' ZN
Start Test Date: 2011/04/11
Final Test Date: 2011/04/11

STECKEL-DARNEY #2
Formation: DST#2 3990-4025 LSG 70-90' ZN
Pool: WILDCAT
Job Number: M137

STECKEL-DARNEY #2



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M137
Well Name	STECKEL-DARNEY #2	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3990-4025 LSG 70-90' ZN	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.1-14S-32W LOGAN CO. KS.	Report Date	2011/04/11
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 3990-4025 LSG 70-90' ZN		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/04/11	Start Test Time	15:35:00
Final Test Date	2011/04/11	Final Test Time	23:03:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
100' MW 60% WTR, 40% MUD W/ A SCUM OF OIL
100' TOTAL FLUID

CHLOR: 30,000 PPM
PH: 8.0
RW: .26 @ 60 DEG

TOOL SAMPLE: 4% OIL, 66% WTR, 30% MUD



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: STCKLDRNY2DST2

TIME ON: 1535

TIME OFF: 2303

Company RAYMOND OIL COMPANY Lease & Well No. STECKEL-DARNEY #2
 Contractor L.D. DRLG RIG 1 Charge to RAYMOND OIL COMPANY
 Elevation 2888 KB Formation LSG 70-90' ZN Effective Pay _____ Ft. Ticket No. M137
 Date 04/11/2011 Sec. 1 Twp. _____ 14 S Range _____ 32 W County LOGAN State KANSAS
 Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3990 ft. to 4025 ft. Total Depth 4025 ft.
 Packer Depth 3985 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
 Packer Depth 3990 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3972 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 4022 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 1,800 P.P.M. Drill Pipe Length 3958 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 35 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BUILT TO 4 1/4" (NO BB)
 2nd Open: VWSB AFTER 1 MIN, THEN INC. TO 4 1/2" (NO BB)

Recovered 100 ft. of MW 60% WTR, 40% MUD W/ A SCUM OF OIL
 Recovered 100 ft. of TOTAL FLUID
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	PH: 8.0	Price Job
Recovered _____ ft. of _____	CHLOR: 30,000 PPM	Other Charges
Remarks: _____	RW: .26 @ 60 °	Insurance
TOOL SAMPLE: 4% OIL, 66% WTR, 30% MUD		Total

Time Set Packer(s) 5:30 P.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 9:15 P.M. ^{A.M.}/_{P.M.} Maximum Temperature 113

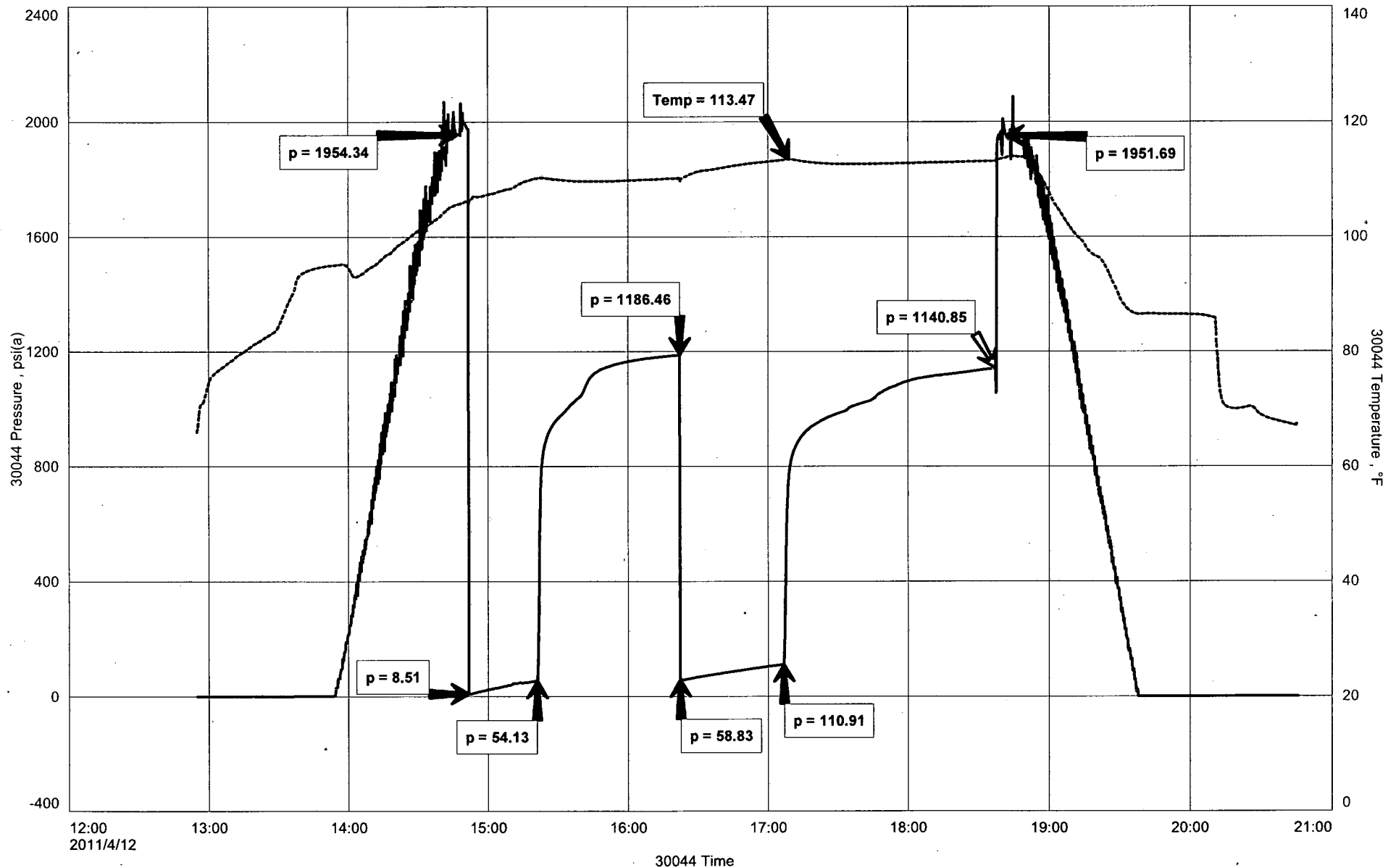
Initial Hydrostatic Pressure..... (A) 1909 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 25 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 870 P.S.I.
 Final Flow Period..... Minutes 45 (E) 27 P.S.I. to (F) 51 P.S.I.
 Final Closed In Period..... Minutes 90 (G) 838 P.S.I.
 Final Hydrostatic Pressure..... (H) 1896 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#3 4075-4145 LSG 140-160' ZN
Start Test Date: 2011/04/12
Final Test Date: 2011/04/12

STECKEL-DARNEY #2
Formation: DST#3 4075-4145 LSG 140-160' ZN
Pool: WILDCAT
Job Number: M138

STECKEL-DARNEY #2



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M138
Well Name	STECKEL-DARNEY #2	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4075-4145 LSG 140-160' ZN	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.1-14S-32W LOGAN CO. KS.	Report Date	2011/04/12
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 4075-4145 LSG 140-160' ZN		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/04/12	Start Test Time	12:55:00
Final Test Date	2011/04/12	Final Test Time	20:46:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

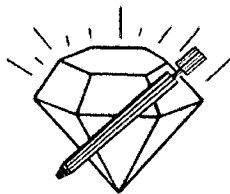
Test Results

Remarks

RECOVERED:
99' DM 100% MUD W/ LIGHT SCUM OF OIL
126' MW 65% WTR, 35% MUD
225' TOTAL FLUID

CHLOR: 30,000 PPM
PH: 7.5
RW: .22 @ 54 DEG

TOOL SAMPLE: DRLG MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STCKLDRNY2DST3

TIME ON: 1255

TIME OFF: 2046

Company RAYMOND OIL COMPANY Lease & Well No. STECKEL-DARNEY #2
Contractor L.D. DRLG RIG 1 Charge to RAYMOND OIL COMPANY
Elevation 2888 KB Formation LSG 140-160, ZN Effective Pay _____ Ft. Ticket No. M138
Date 04/12/2011 Sec. 1 Twp. 14 S Range 32 W County LOGAN State KANSAS
Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 4075 ft. to 4145 ft. Total Depth 4145 ft.

Packer Depth 4070 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4075 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4057 ft. Recorder Number 30044 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4142 ft. Recorder Number 13386 Cap. 3,875 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 48 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 2,400 P.P.M. Drill Pipe Length 4043 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 70 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (32' D.P.) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BUILT TO 9" (NO BB)

2nd Open: WSB, BUILT TO 10 1/4" (NO BB)

Recovered 99 ft. of DM 100% DM W/ LIGHT SCUM OF OIL

Recovered 126 ft. of MW 65% WTR, 35% MUD

Recovered 225 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____ PH: 7.5

Price Job

Recovered _____ ft. of _____ CHLOR: 30,000 PPM

Other Charges

Remarks: _____ RW: .22 @ 54 °

Insurance

TOOL SAMPLE: DRLG MUD GOOD OIL SPOTS ON TOP OF CIRC SUB

Total

Time Set Packer(s) 2:50 P.M. ^{A.M.} P.M. Time Started Off Bottom 6:35 P.M. ^{A.M.} P.M. Maximum Temperature 113

Initial Hydrostatic Pressure..... (A) 1954 P.S.I.

Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 54 P.S.I.

Initial Closed In Period..... Minutes 60 (D) 1186 P.S.I.

Final Flow Period..... Minutes 45 (E) 59 P.S.I. to (F) 111 P.S.I.

Final Closed In Period..... Minutes 90 (G) 1141 P.S.I.

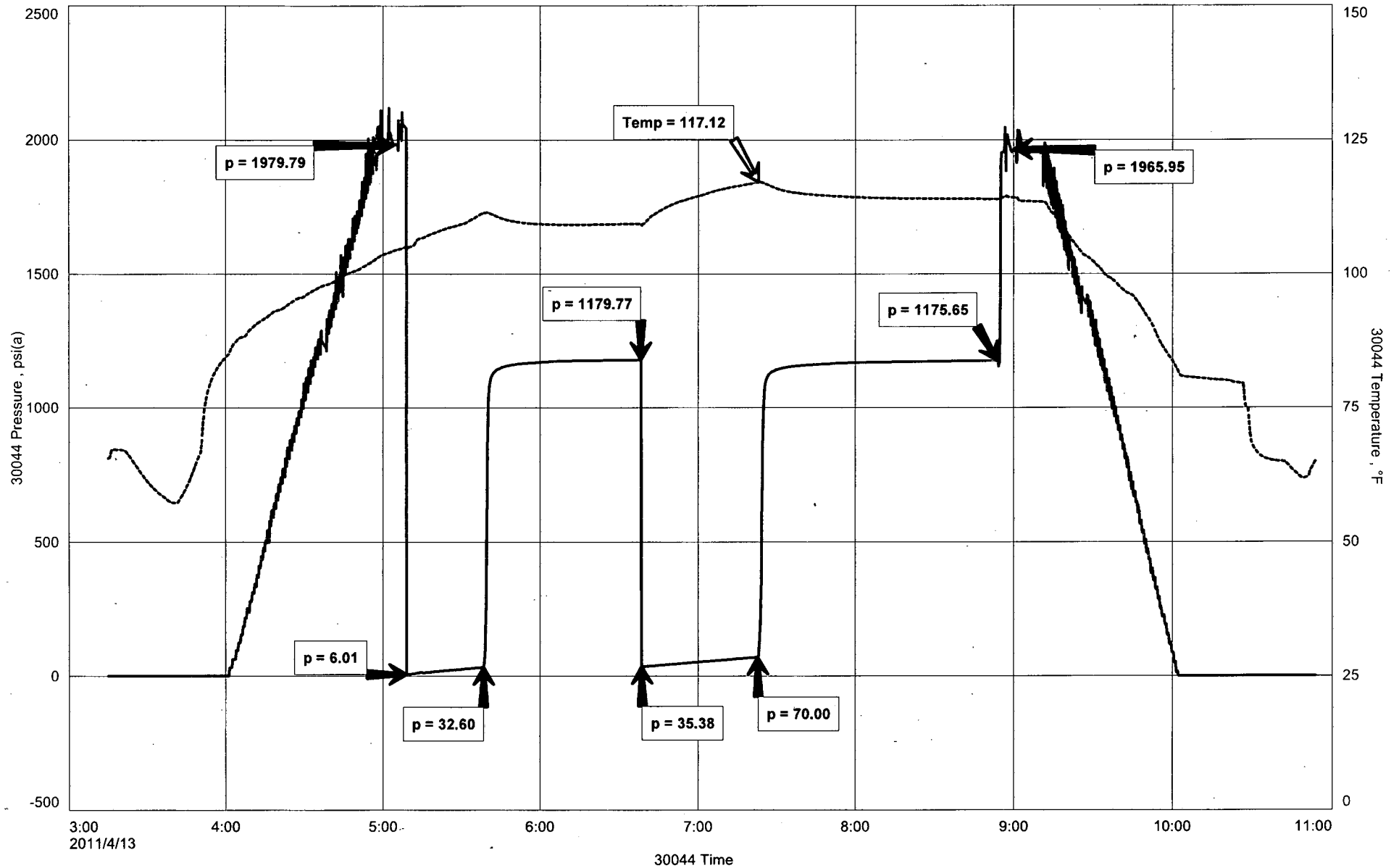
Final Hydrostatic Pressure..... (H) 1952 P.S.I.

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#4 4075-4145 LSG 180' ZN
Start Test Date: 2011/04/13
Final Test Date: 2011/04/13

STECKEL-DARNEY #2
Formation: DST#4 4075-4145 LSG 180' ZN
Pool: WILDCAT
Job Number: M139

STECKEL-DARNEY #2



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M139
Well Name	STECKEL-DARNEY #2	Representative	MIKE COCHRAN
Unique Well ID	DST#4 4075-4145 LSG 180' ZN	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.1-14S-32W LOGAN CO. KS.	Report Date	2011/04/13
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 4075-4145 LSG 180' ZN		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/04/13	Start Test Time	03:15:00
Final Test Date	2011/04/13	Final Test Time	10:55:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

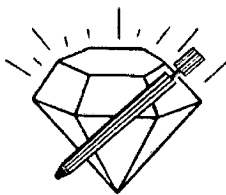
Test Results

Remarks

RECOVERED:
14' DM
126' MW
140' TOTAL FLUID

CHLOR: 30,000 PPM
PH:7.5
RW: .22 @ 74 DEG

TOOL SAMPLE: MW W/MANY OIL SPECKS



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STCKLDRNY2DST4

TIME ON: 0315

TIME OFF: 1055

Company RAYMOND OIL COMPANY Lease & Well No. STECKEL-DARNEY #2
Contractor L.D. DRLG RIG 1 Charge to RAYMOND OIL COMPANY
Elevation 2888 KB Formation LSG 180' ZN Effective Pay _____ Ft. Ticket No. M139
Date 04/13/2011 Sec. 1 Twp. _____ 14 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4140 ft. to 4168 ft. Total Depth 4168 ft.
Packer Depth 4135 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4140 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4123 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4165 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 57 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 4108 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 28 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GSB, BUILT TO 6" (NO BB)
2nd Open: VWSB, BUILT TO 5 1/2" (NO BB)

Recovered 14 ft. of DM 100% MUD
Recovered 126 ft. of MW 84% WTR, 16% MUD
Recovered 140 ft. of TOTAL FLUID

Recovered _____ ft. of _____	PH: 7.5	Price Job
Recovered _____ ft. of _____	CHLOR: 30,000 PPM	Other Charges
Remarks: _____	RW: .22 @ 74 °	Insurance

TOOL SAMPLE: _____ Total

Time Set Packer(s) 5:15 A.M. A.M. P.M. Time Started Off Bottom 9:00 A.M. A.M. P.M. Maximum Temperature 117

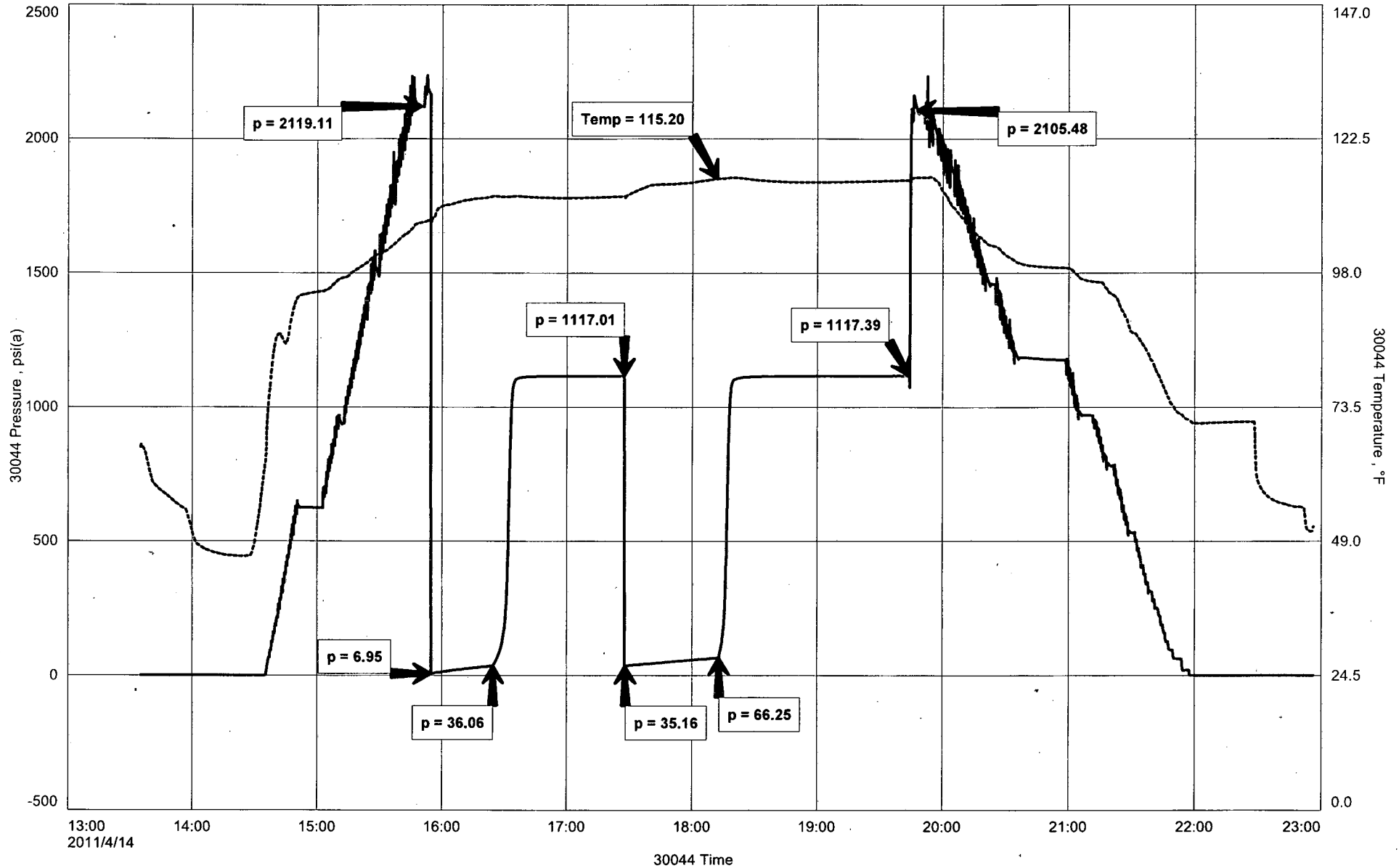
Initial Hydrostatic Pressure..... (A) 1980 P.S.I.
Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 33 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1180 P.S.I.
Final Flow Period..... Minutes 45 (E) 35 P.S.I. to (F) 70 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1176 P.S.I.
Final Hydrostatic Pressure..... (H) 1966 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#5 4365-4425 PAW-MYRICKSTZ
Start Test Date: 2011/04/11
Final Test Date: 2011/04/11

STECKEL-DARNEY #2
Formation: DST#5 4365-4425 PAW-MYRICKSTZ
Pool: WILDCAT
Job Number: M140

STECKEL-DARNEY #2



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M140
Well Name	STECKEL-DARNEY #2	Representative	MIKE COCHRAN
Unique Well ID	DST#5 4365-4425 PAW-MYRICKSTZ	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.1-14S-32W LOGAN CO. KS.	Report Date	2011/04/11
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#5 4365-4425 PAW-MYRICKSTZ		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/04/11	Start Test Time	13:35:00
Final Test Date	2011/04/11	Final Test Time	22:57:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

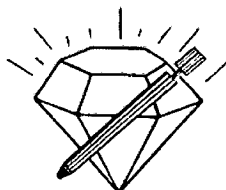
Test Results

Remarks

RECOVERED:
485' GIP
34' HOCM 30% OIL, 70% MUD
116' MO 85% OIL, 15% MUD
150' TOTALO FLUID

GRAVITY: 31.6@60DEG

TOOL SAMPLE: 100% OIL



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: STCKLDRNY2DST5

TIME ON: 1335

TIME OFF: 2257

Company RAYMOND OIL COMPANY Lease & Well No. STECKEL-DARNEY #2
 Contractor L.D. DRLG RIG 1 Charge to RAYMOND OIL COMPANY
 Elevation 2888 KB Formation PAW-MYRICSTZ Effective Pay _____ Ft. Ticket No. M140
 Date 04/14/2011 Sec. 1 Twp. _____ 14 S Range _____ 32 W County LOGAN State KANSAS
 Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 5 Interval Tested from 4365 ft. to 4425 ft. Total Depth 4425 ft.

Packer Depth 4360 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4365 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4347 ft. Recorder Number 30044 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4422 ft. Recorder Number 13386 Cap. 3,875 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 53 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 2,500 P.P.M. Drill Pipe Length 4333 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 60 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (32' D.P.) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BOB 28 MIN (WS BB)

2nd Open: GSB, 1" RIGHT AWAY, THEN INC. TO BOB 17 MIN. (VWS BB)

Recovered 485 ft. of G.I.P.

Recovered 34 ft. of HOCM 30% OIL, 70% MUD

Recovered 116 ft. of MO 85% OIL, 15% MUD

Recovered 150 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: WEATHER: EXTREME

TOOL SAMPLE: 100%OIL GRAVITY: 31.6 @ 60 DEG

Time Set Packer(s) 4:00 P.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 7:30 P.M. ^{A.M.}/_{P.M.} Maximum Temperature 115

Initial Hydrostatic Pressure..... (A) 2119 P.S.I.

Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 36 P.S.I.

Initial Closed In Period..... Minutes 60 (D) 1117 P.S.I.

Final Flow Period..... Minutes 45 (E) 35 P.S.I. to (F) 66 P.S.I.

Final Closed In Period..... Minutes 90 (G) 1117 P.S.I.

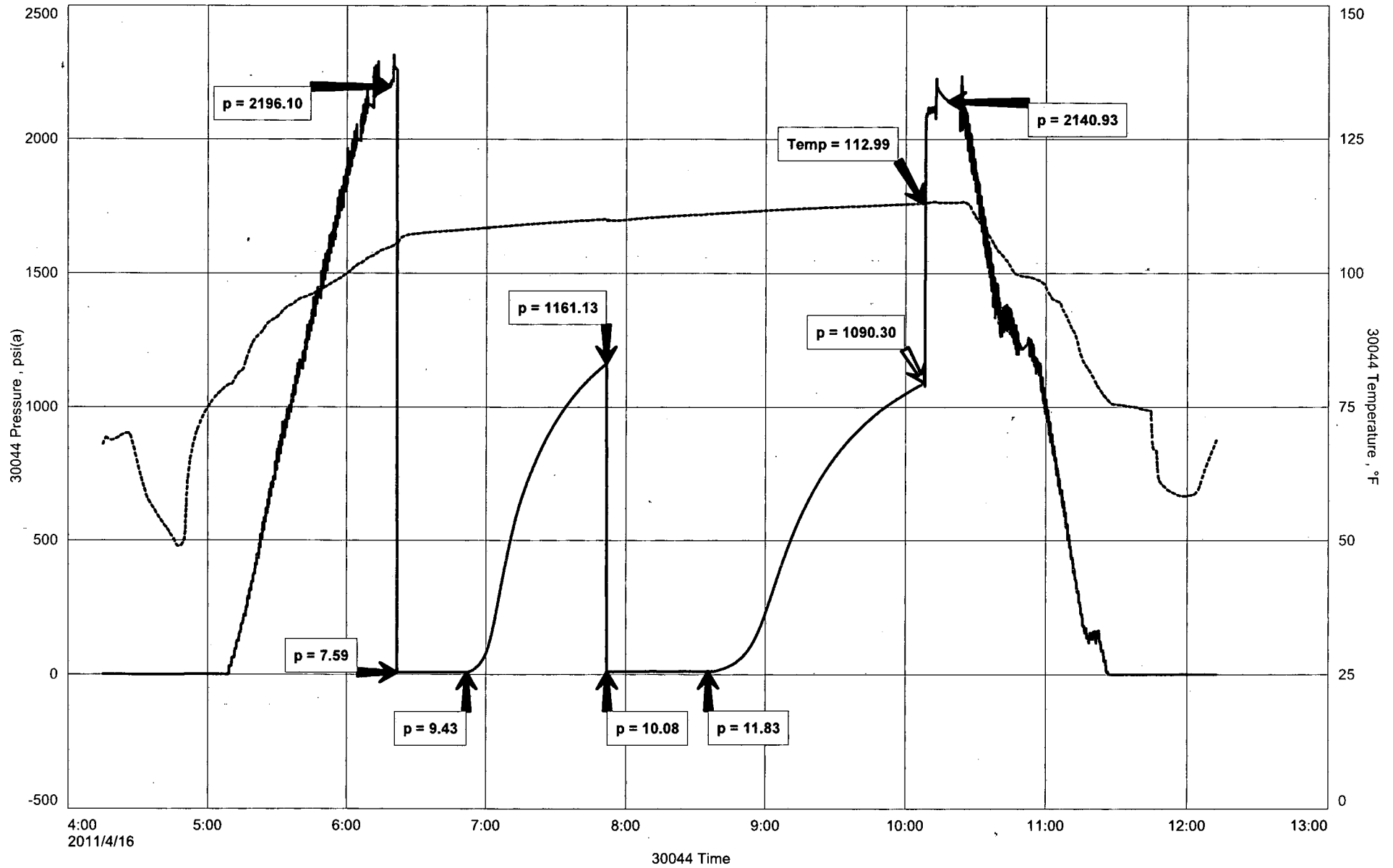
Final Hydrostatic Pressure..... (H) 2105 P.S.I.

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#6 4424-4484 FT.SC.-CHER.
Start Test Date: 2011/04/16
Final Test Date: 2011/04/16

STECKEL-DARNEY #2
Formation: DST#6 4424-4484 FT.SC.-CHER.
Pool: WILDCAT
Job Number: M141

STECKEL-DARNEY #2



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M141
Well Name	STECKEL-DARNEY #2	Representative	MIKE COCHRAN
Unique Well ID	DST#6 4424-4484 FT.SC.-CHER.	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.1-14S-32W LOGAN CO. KS.	Report Date	2011/04/16
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#6 4424-4484 FT.SC.-CHER.		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/04/16	Start Test Time	04:15:00
Final Test Date	2011/04/16	Final Test Time	12:13:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
30' MUD 100% MUD W/ A THICK SCUM OF OIL
30' TOTAL FLUID

TOOL SAMPLE: 1% GAS, 1% OIL, 98% MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STCKLDRNY2DST6

TIME ON: 0415
TIME OFF: 1213

Company RAYMOND OIL COMPANY Lease & Well No. STECKEL-DARNEY #2
Contractor L.D. DRLG RIG 1 Charge to RAYMOND OIL COMPANY
Elevation 2888 KB Formation FT. SCOTT/CHEROKEE Effective Pay _____ Ft. Ticket No. M141
Date 04/16/2011 Sec. 1 Twp. _____ 14 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 6 Interval Tested from 4424 ft. to 4484 ft. Total Depth 4484 ft.
Packer Depth 4419 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4424 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4406 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4481 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,400 P.P.M. Drill Pipe Length 4392 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 60 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (31' D.P.) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BUILT TO 1 1/2" (NO BB)
2nd Open: VWSB (NO BB)

Recovered 30 ft. of MUD 100% MUD W/ A THICK SCUM OF OIL
Recovered 30 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: WEATHER: BETTER
TOOL SAMPLE: 1% GAS, 1% OIL, 98% MUD

	Price Job
	Other Charges
	Insurance
	Total

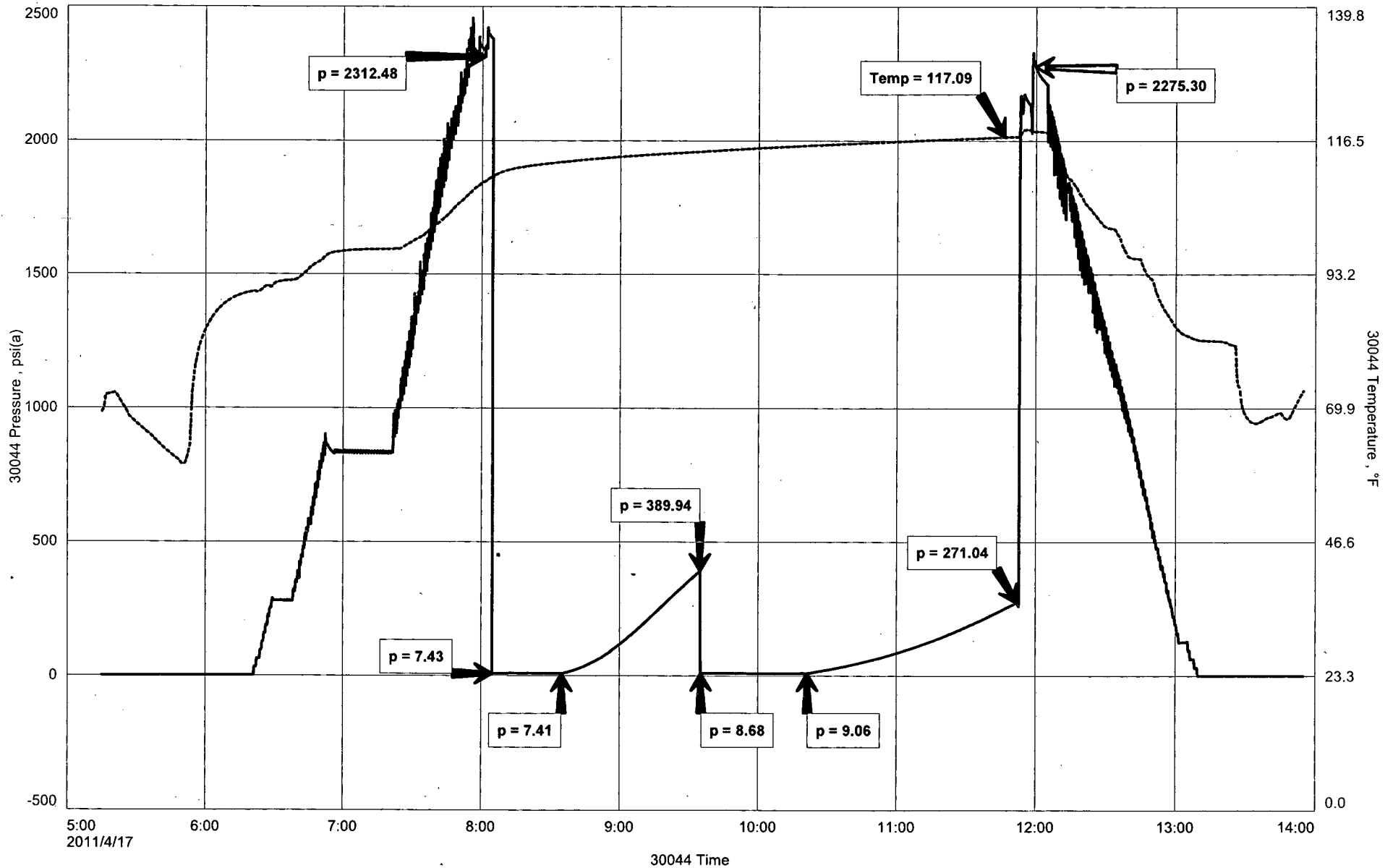
Time Set Packer(s) 6:20 A.M. P.M. Time Started Off Bottom 10:05 A.M. P.M. Maximum Temperature 113
Initial Hydrostatic Pressure..... (A) 2196 P.S.I.
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 9 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1161 P.S.I.
Final Flow Period..... Minutes 45 (E) 10 P.S.I. to (F) 12 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1090 P.S.I.
Final Hydrostatic Pressure..... (H) 2141 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#7 4520-4580 MRW
Start Test Date: 2011/04/17
Final Test Date: 2011/04/17

STECKEL-DARNEY #2
Formation: DST#7 4520-4580 MRW
Pool: WILDCAT
Job Number: M142

STECKEL-DARNEY #2



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M142
Well Name	STECKEL-DARNEY #2	Representative	MIKE COCHRAN
Unique Well ID	DST#7 4520-4580 MRW	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.1-14S-32W LOGAN CO. KS.	Report Date	2011/04/17
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KEVIN L. KESSLER
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#7 4520-4580 MRW		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/04/17	Start Test Time	05:15:00
Final Test Date	2011/04/17	Final Test Time	13:56:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
5' DM
5' TOTAL FLUID

TOOL SAMPLE: DM W/ LIGHT OIL SPOTS



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STCKLDRNY2DST7

TIME ON: 0515

TIME OFF: 1356

Company RAYMOND OIL COMPANY Lease & Well No. STECKEL-DARNEY #2
Contractor L.D. DRLG RIG 1 Charge to RAYMOND OIL COMPANY
Elevation 2888 KB Formation MRW Effective Pay _____ Ft. Ticket No. M142
Date 04/17/2011 Sec. 1 Twp. _____ 14 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By KEVIN L. KESSLER Diamond Representative MIKE COCHRAN

Formation Test No. 7 Interval Tested from 4520 ft. to 4580 ft. Total Depth 4580 ft.
Packer Depth 4515 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4520 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4507 ft. Recorder Number 30044 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4577 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,400 P.P.M. Drill Pipe Length 4488 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 60 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (32' D.P.) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, INC. TO 1" IN 20 MIN, THEN DIMINISHED TO A WSB (NOBB)
2nd Open: A FEW BUBBLES ON TOOL OPEN, THEN A VWSB FOR 7 MIN, THEN DEAD (NO BB)

Recovered 5 ft. of DM
Recovered 5 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: _____
TOOL SAMPLE: DM W/ LIGHT OIL SPOTS

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 8:00 A.M. P.M. Time Started Off Bottom 11:45 A.M. P.M. Maximum Temperature 117
Initial Hydrostatic Pressure..... (A) 2312 P.S.I.
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 7 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 390 P.S.I.
Final Flow Period..... Minutes 45 (E) 9 P.S.I. to (F) 9 P.S.I.
Final Closed In Period..... Minutes 90 (G) 271 P.S.I.
Final Hydrostatic Pressure..... (H) 2275 P.S.I.

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