Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1077547

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

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☑ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

3/17/2012	3/25/2012	3/26/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-101-22351-00-00
Spot Description:
SW NE SW SE Sec. 22 Twp. 18 S. R. 27 ☐ East ☑ West
810 Feet from ☐ North / ☑ South Line of Section
1735 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Lane
Lease Name: Maggie Robbins, LLC Well #: 1
Field Name:
Producing Formation: NA
Elevation: Ground: 2612 Kelly Bushing: 2615
Total Vertical Depth: 4626 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 26 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: 2500 ppm Fluid volume: 3000 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

☑ **Confidentiality Requested**
Date: 03/29/2012
☑ **Confidential Release Date:** 03/29/2014
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 03/30/2012

[redacted] 1077547

Operator Name: Raymond Oil Company, Inc. Lease Name: Maggie Robbins, LLC Well #: 1

Sec. 22 Twp. 18 S. R. 27 ☐ East ☑ West County: Lane

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

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

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Rad- Guard

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
B/Anh	1996	+620
Lans	3900	-1284
Miss	4520	-1904
Total Depth	4627	

CASING RECORD ☑ New ☐ 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	261	Class A	175	3%cc,2% gel

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	-			
	-			

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

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

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	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

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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

Kansas
Corporation Commission

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

March 29, 2012

Clarke Sandberg
Raymond Oil Company, Inc.
PO BOX 48788
WICHITA, KS 67202-1822

Re: ACO1
API 15-101-22351-00-00
Maggie Robbins, LLC 1
SE/4 Sec.22-18S-27W
Lane 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,
Clarke Sandberg

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-1702 WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY RAYMOND OIL COMPANY, INC.

LEASE # 1 MAGGIE ROBBINS, LLC

FIELD WILDCAT

LOCATION 810' FSL & 1735' FEL

SEC. 22 TWP. 18s RGE. 27W

COUNTY LANE STATE KANSAS

CONTRACTOR L.D. DRILLING, INC.

SPUD 3-17-12 COMP. 3-26-12

TD 4626 LTD 4627

MUD UP 3483 TYPE MUD CHEMICAL

ELEVATION

GL 2616

DF

KB 2611

DF/KB

GR 2616 KB

CASING

8 5/8" @ 268' (261

DST(S)

RAD.-GUARD

SAMPLES SAVED FROM 3500 TO 4626

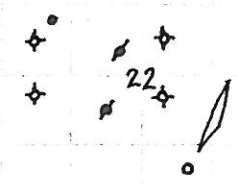
SAMPLES WASHED FROM 3400 TO 4626

SAMPLES EXAMINED FROM 3500 TO 4626

GEOLOGICAL SUPERVISION FROM 3900 TO 4626

GEOLOGIST ON WELL KIM B. SHOEMAKER

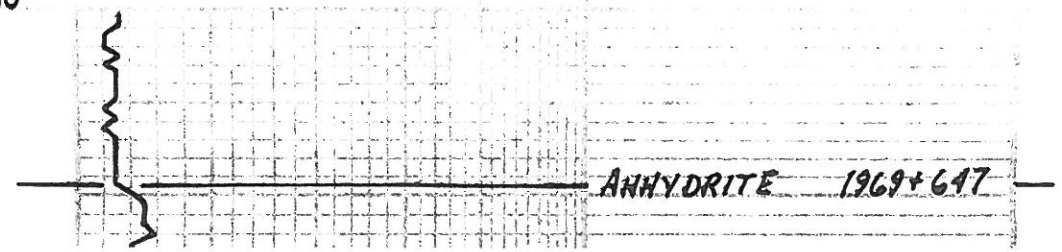
FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	1968 + 648	1969 + 647
B/ANH.	1996 + 620	2001 + 615
WAB., STOTLER	3434 - 818	3436 - 820
HEEBNER	3864 - 1248	3857 - 1241
LANSING	3900 - 1284	3891 - 1275
HUSHPUCKNEY	4200 - 1584	4202 - 1586
MARMATON	4269 - 1653	4268 - 1652
FORT SCOTT	4419 - 1803	4419 - 1803
CHEROKEE	4442 - 1826	4442 - 1826
MISSISSIPPI	4510 - 1904	B/Sdm. 4490 - 1874 Miss 4517 - 1901

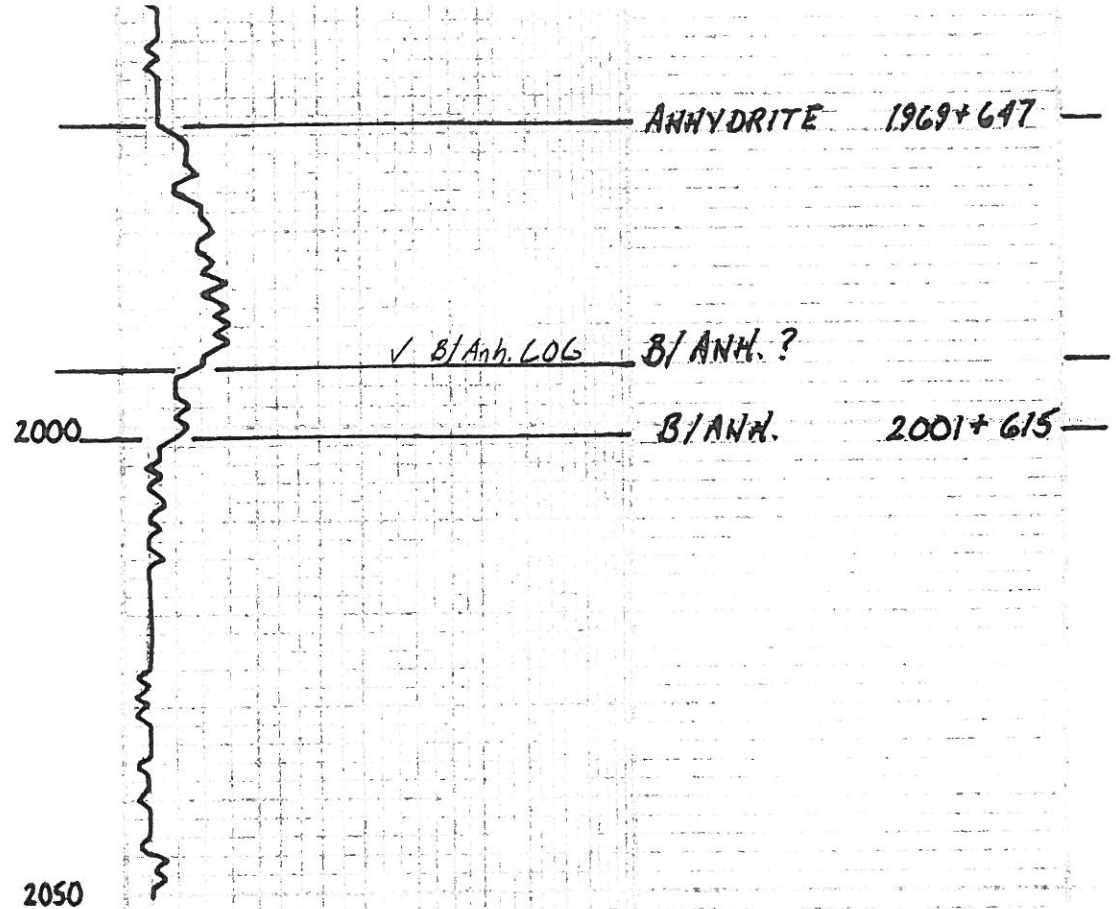


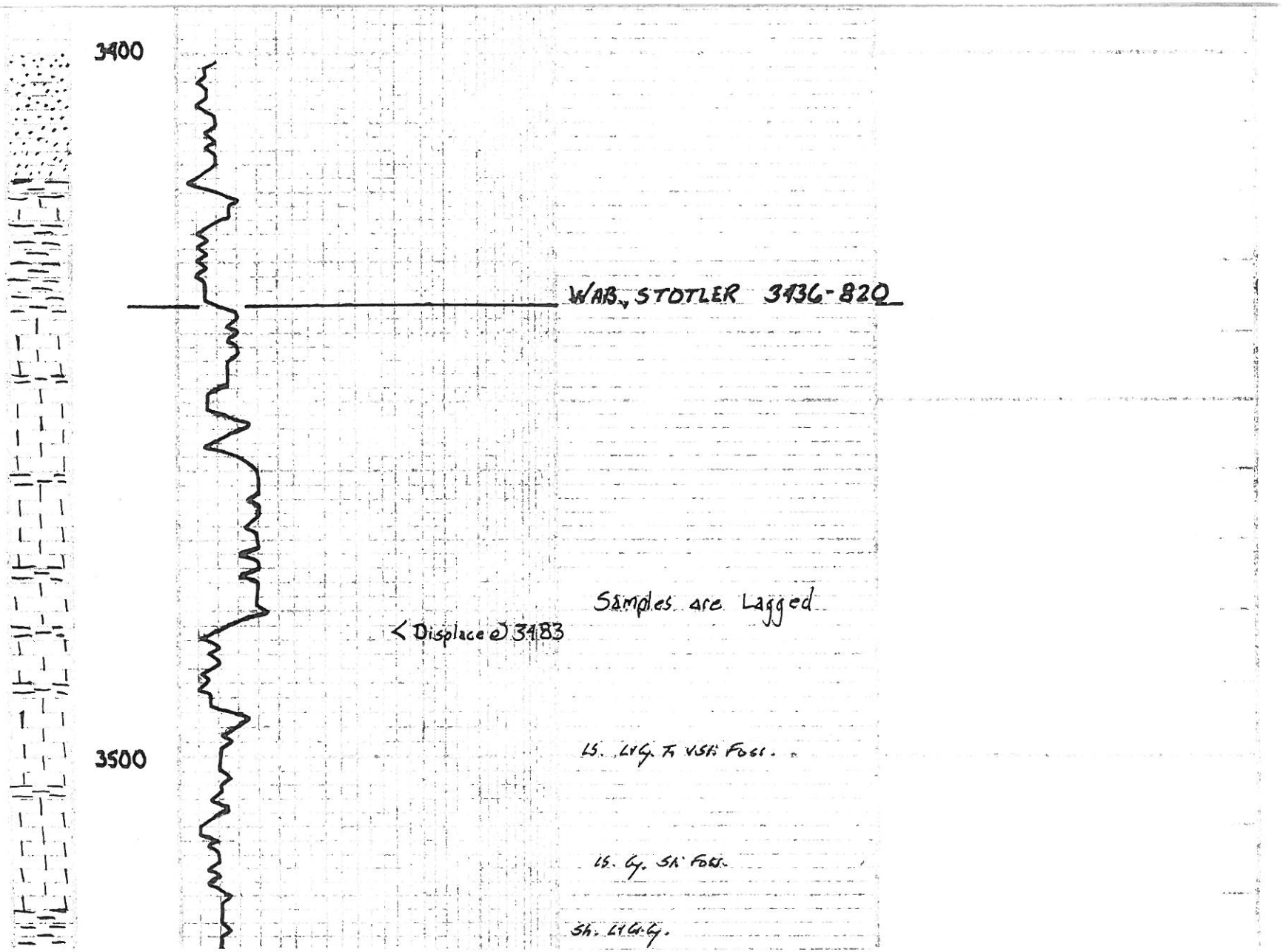
3-17-12 SPUD
3-18 @ 261
3-19 @ 1580'
3-20 @ 2650'
3-21 @ 3235'
3-22 @ 3780'
3-23 @ 4190'
3-24 @ 4372'
3-25 @ 4499'
3-26 @ 4626'

API: 15-101-22351

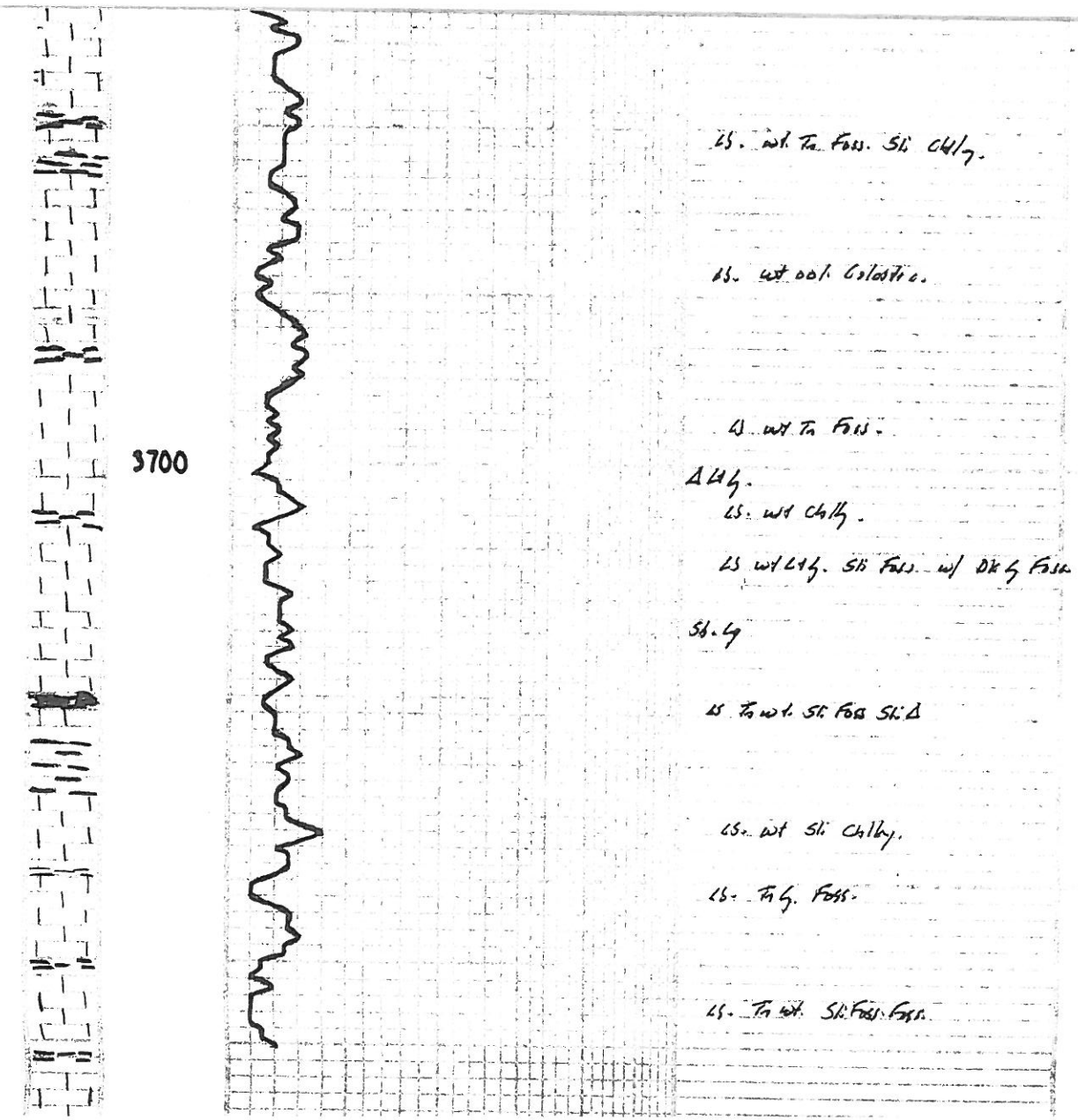
1950

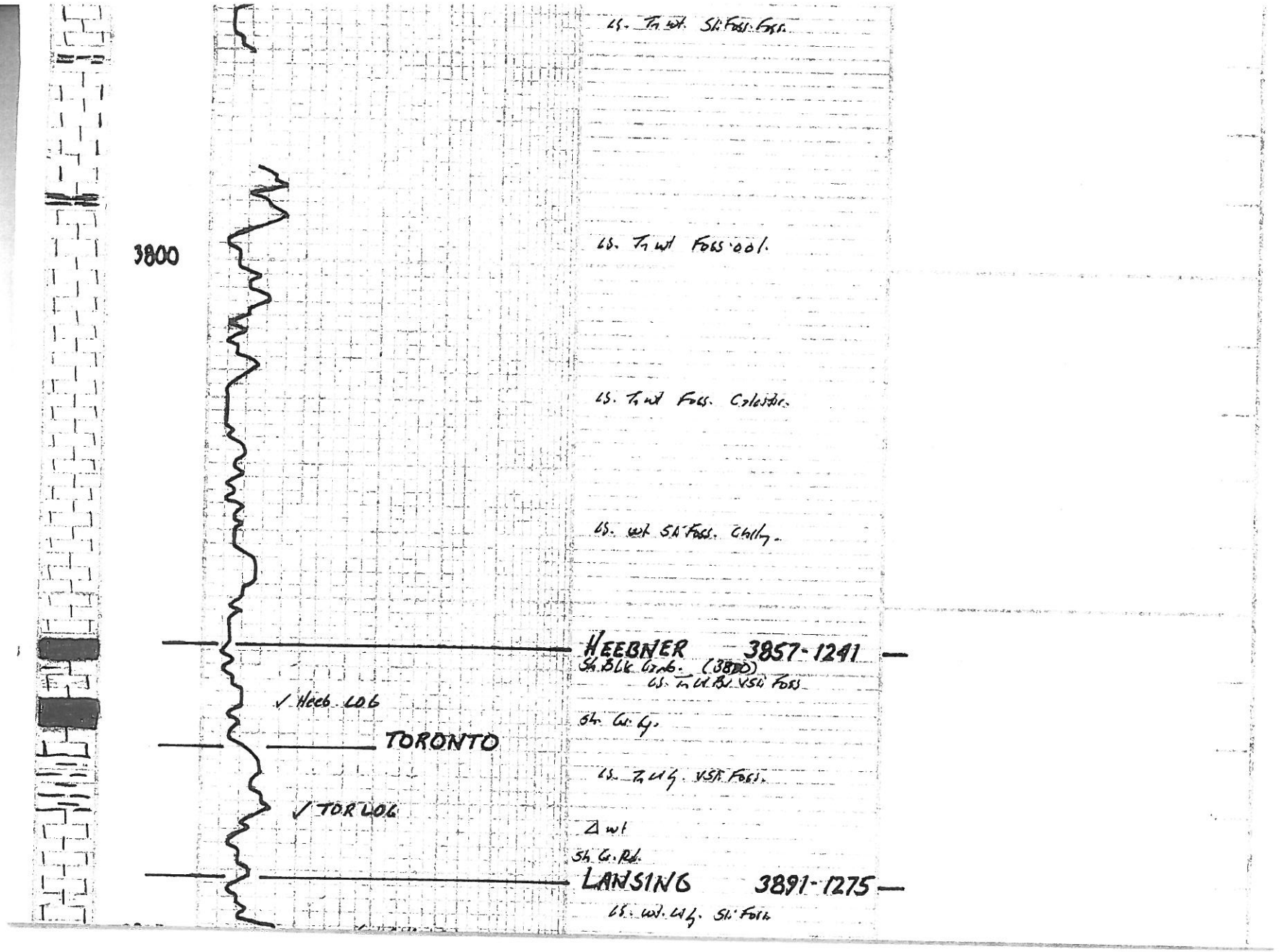


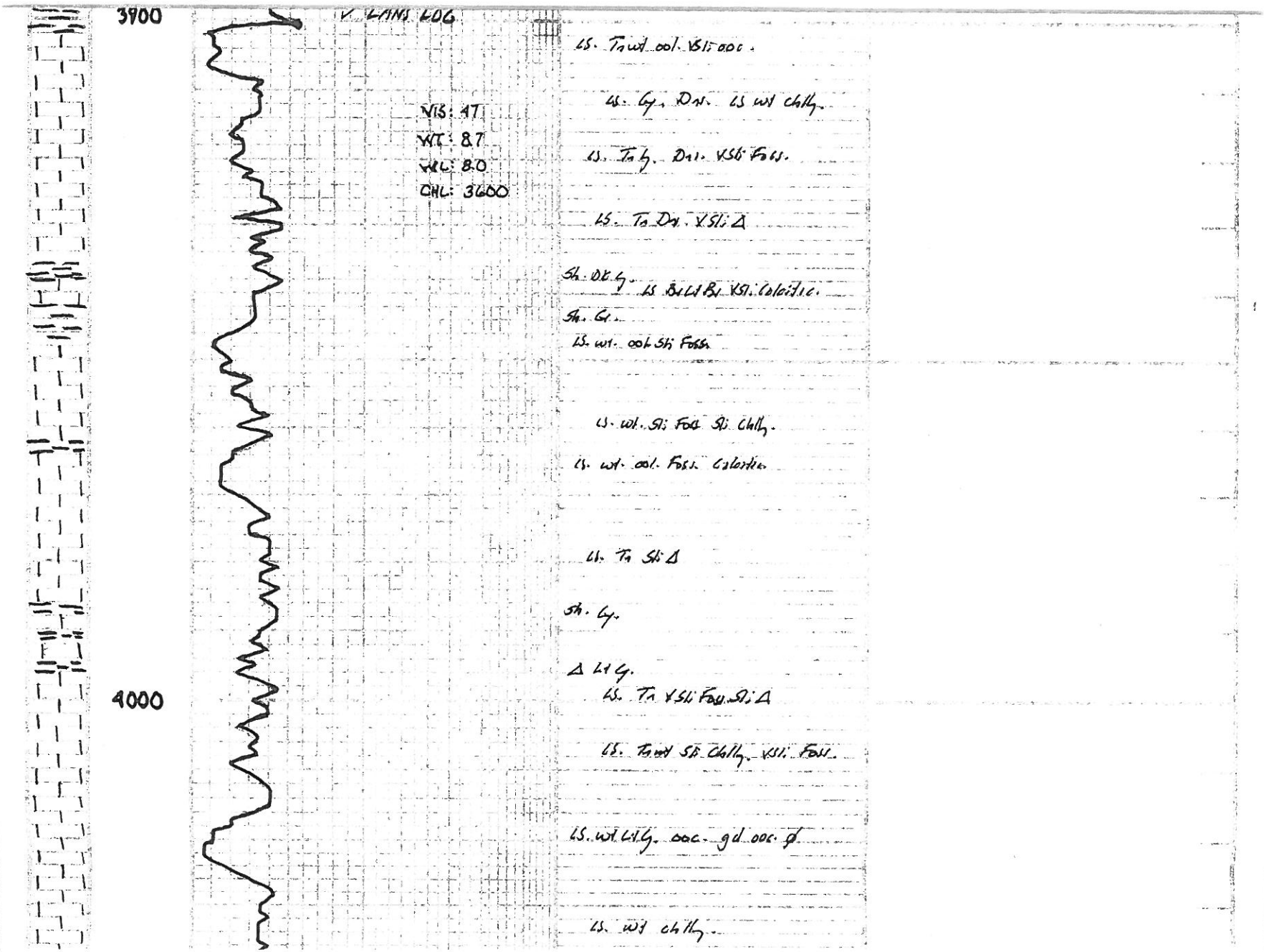

ANHYDRITE 1969+647
✓ B/Anh. LOG
B/ANH. ?
2000
B/ANH. 2001+615
2050

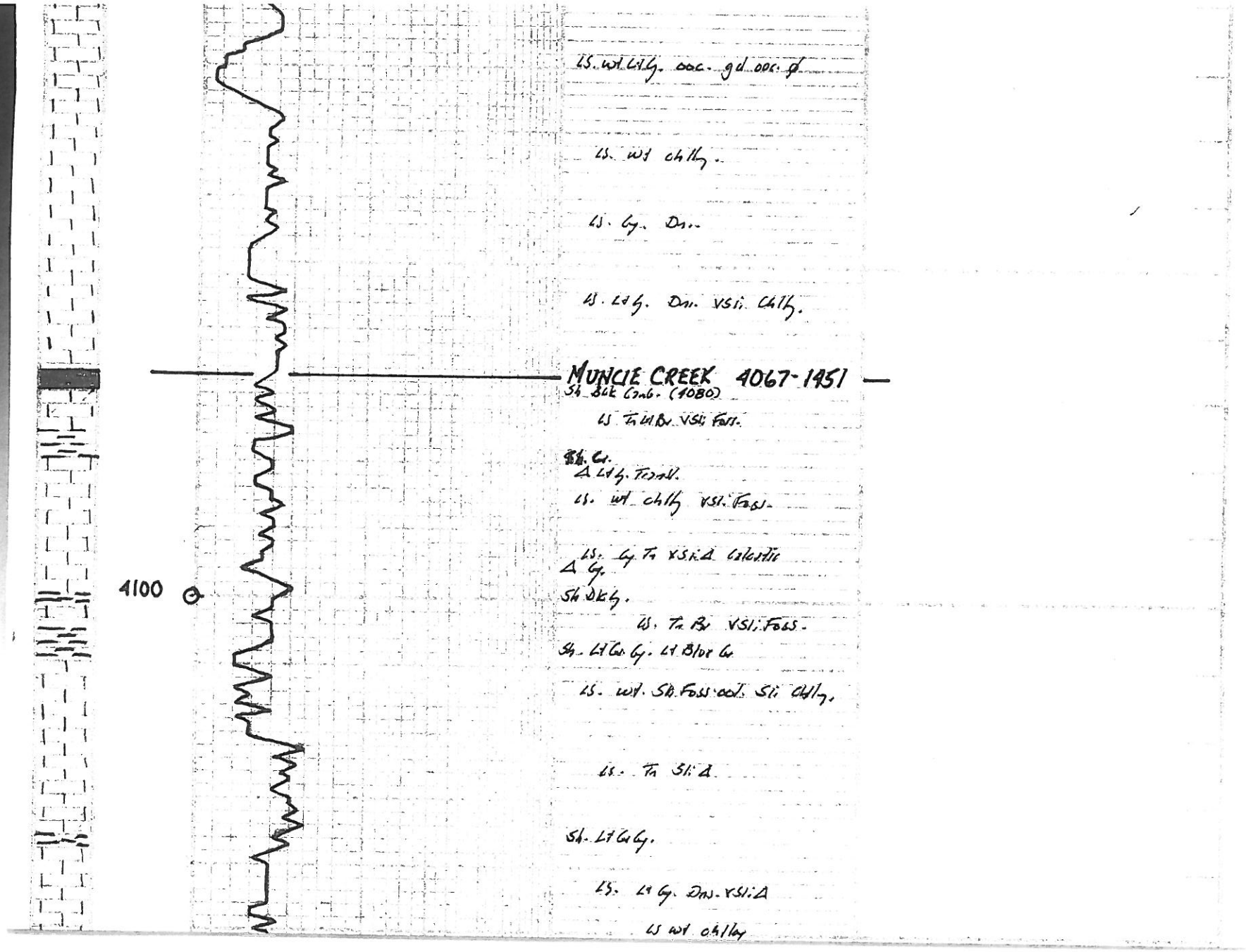

3400
WAB., STOTLER 3436-820
Samples are Lagged
< Displace @ 3483
3500
LS. LT G. TO VSH FOSS.
LS. G. SH FOSS.
SH. LT G-G.

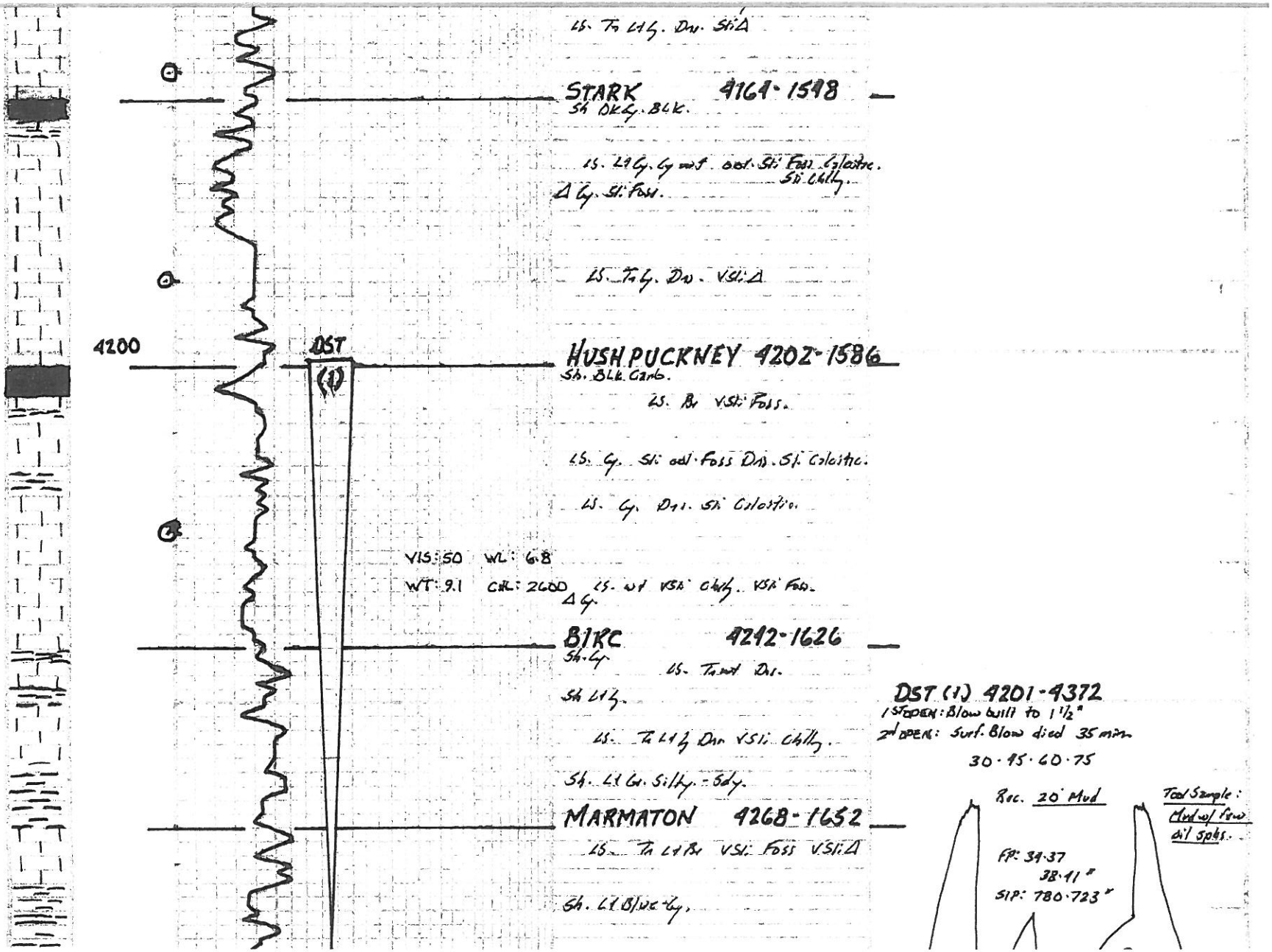
3600

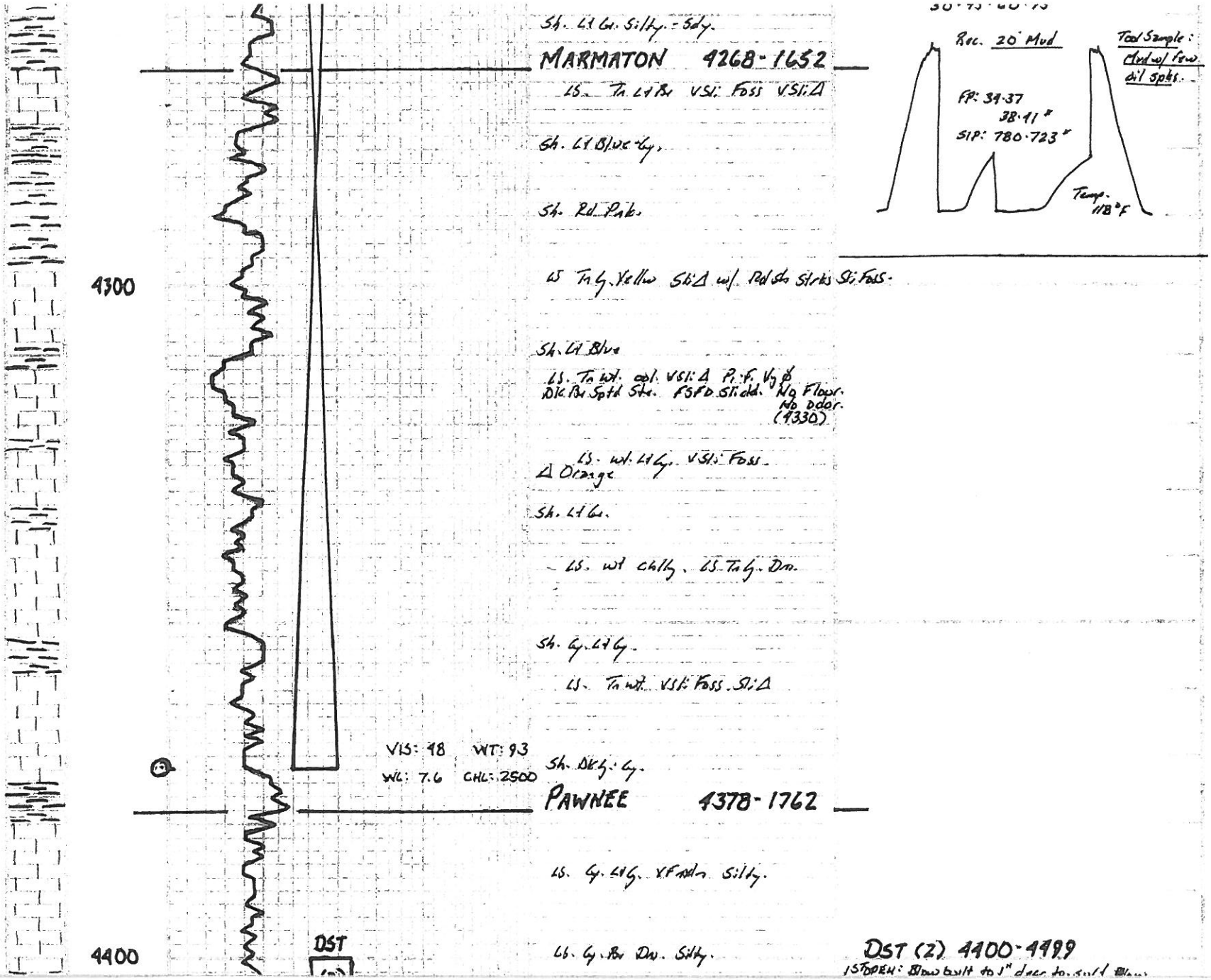

3700
LS. wh Tn Foss. Sli Chlky.
LS. wh ool. Colonies.
LS wh Tn Foss.
ALky.
LS. wh Chlky.
LS wh Lky. Sli Foss. w/ Dk Gy Foss
Sh. Gy
LS Tn wh. Sli Foss Sh. A
LS. wh Sli Chlky.
LS. Tn Gy. Foss.
LS. Tn wh. Sli Foss Foss.

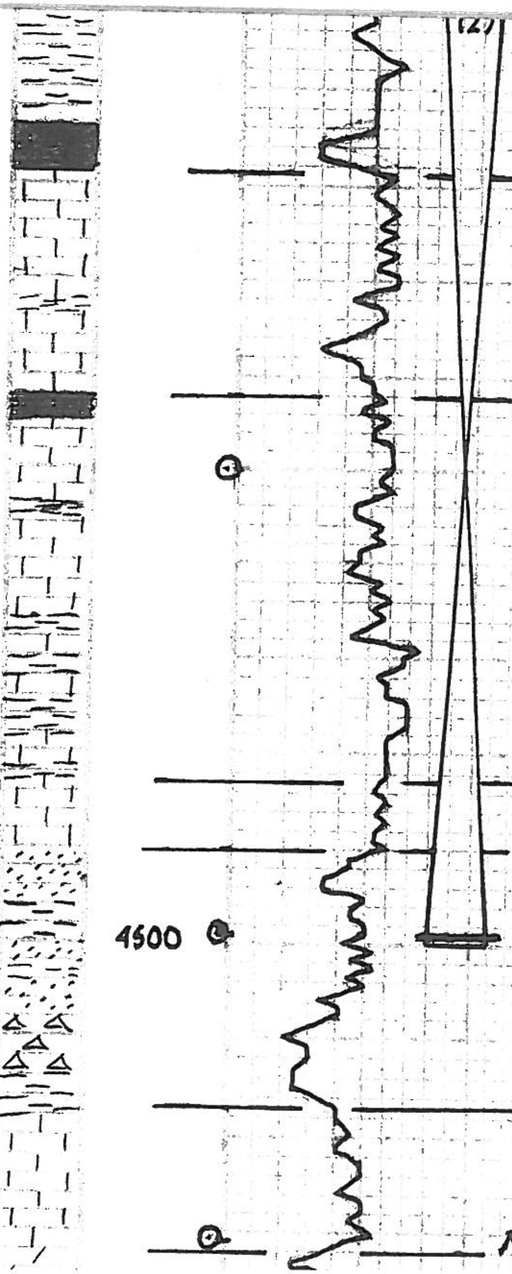

3800
HEEBNER 3857-1241
TORONTO
LANSING 3891-1275
✓ Heeb LOG
✓ TOR LOG


3900
4000
V. LAINS LOG
VIS: 47
WT: 8.7
WL: 8.0
CHL: 3600
Ls. Tn wt. ool. Vsl. ooc.
Ls. Gy. Dn. Ls wt chlky.
Ls. Tn Gy. Dn. Vsli Foss.
Ls. Tn Dn. Vsli Δ
Sh. Dk Gy.
Ls Bx Lt Bn Vsl. Calcitic.
Sh. Gy.
Ls wt. ool. sli Foss.
Ls. wt. sli Foss Sli Chlky.
Ls. wt. ool. Foss. Calcitic
Ls. Tn sli Δ
Sh. Gy.
Δ Lt Gy.
Ls. Tn Vsli Fos. Sli Δ
Ls. Tn wt sli Chlky. Vsli Foss.
Ls. wt Lt Gy. ooc. gd ooc. φ.
Ls. wt chlky.


LS. wh Lt Gy. ooc. gd ooc. ϕ
LS. wh chlky.
LS. Gy. Dns.
LS. Lt Gy. Dns. vsli. chky.
MUNCIE CREEK 4067-1451
Sh. Blk Cmg. (1080)
LS Tn wh Bv. vsli Foss.
Sh. Gy.
Δ Lt Gy. Fossil.
LS. wh chky vsli. Foss.
LS. Gy Tn vsli Δ Calcite
Δ Gy.
Sh Dk Gy.
LS. Tn Bv vsli. Foss.
Sh. Lt Gn Gy. Lt Blue Gy
LS. wh. Sh. Foss ool. sli chky.
LS. Tn sli Δ
Sh. Lt Gn Gy.
LS. Lt Gy. Dns. vsli Δ
LS wh chky
4100


Ls. Tn Lt Gy. Dns. Sli Δ
STARK 4164-1518
Sh DkGy. Blk.
Ls. Lt Gy. Gy wf. odst. Sli Foss. Calcitic. Sli Chilly.
Δ Gy. Sli Foss.
Ls. Tn Gy. Dns. Vsli Δ
4200
DST (1)
HUSH PUCKNEY 4202-1586
Sh. Blk. Carb.
Ls. Br Vsli Foss.
Ls. Gy. Sli odl Foss Dns. Sli Calcitic.
Ls. Gy. Dns. Sli Calcitic.
VIS: 50 WL: 6.8
WT: 9.1 CHL: 2600
Ls. wf Vsli Chilly. Vsli Foss. Δ Gy.
BIRC 4242-1626
Sh. Gy
Ls. Tn wf Dns.
Sh Lt Gy.
Ls. Tn Lt Gy Dns Vsli Chilly.
Sh. Lt Gn. Silty. Sdy.
MARMATON 4268-1652
Ls. Tn Lt Br Vsli Foss Vsli Δ
Sh. Lt Blue Gy.
DST (1) 4201-4372
1st OPEN: Blow built to 1 1/2"
2nd OPEN: Surf. Blow died 35 min
30-45-60-75
Rec. 20' Mud
FP: 39-37
38-41"
SIP: 780-723"
Tool Sample: Mud w/ few oil spks.


Sh. Lt Gy. Silty - Sdy.
MARMATON 4268-1652
LS. Tn Lt Br VSI: Foss VSI Δ
Sh. Lt Blue-Gy.
Sh. Rd Pale.
LS Tn Gy. Yellow Sli Δ w/ Rd Sh Strks Si Foss.
Sh. Lt Blue
LS. Tn wt. opl. VSI: Δ P.P. Vg ϕ Dk Br Sptd Stn. FSFD Stnd. No Flour. No Odor. (4330)
LS. wt. Lt Gy. VSI: Foss. Δ Orange
Sh. Lt Gy.
LS. wt chlky. LS Tn Gy. Dn.
Sh. Gy. Lt Gy.
LS. Tn wt. VSI: Foss. Sli Δ
VIS: 48 WT: 9.3
WL: 7.6 CHL: 2500
Sh. Dk Gy. Gy.
PAWNEE 4378-1762
LS. Gy. Lt Gy. VF xln Silty.
LS. Gy. Br Dn. Silty.
DST
4300
4400
Rec. 20' Mud
Tool Sample: Mud w/ few oil spots.
FP: 34-37
38-41"
SIP: 780-723"
Temp. 118°F
DST (2) 4400-4499
1st OPEN: Blow built to 1" dec to surface



Sh. Dk G. Blk Silty.

Sh. Blk Carb.

FORT SCOTT 4419-1803

LS. Tn Lt G ool. Sli Calcitic. P. Vg Ø
V Lt Bu Sptd Stn. VSSFO Tr GAS Fr Fluor.
YY Fl odor.
(4430)

LS. Tn G. Dn.

LS. Lt G. Sli Foss. VSli Chly. P. Vg Ø
Lt Bu Sptd Stn. FSFO Cd Fluor. NO odor.

CHEROKEE 4492-1826 (4450)

Sh. Blk Carb.

LS. wt Lt G. VSli Foss. Sli Chly. P. Vg Ø
Lt Bu Stn VSSFO. Fr Fluor. NO odor.
(4450 30")

LS. G. Dn. VSli Foss. Tr Vg Ø
Dk Br Blk dd Stn. Tr FO Tr GAS.
Fr Sptd Fluor. NO odor
(4480)

Sh Dk G. Cr.

LS Tn G. Dn.

Sh. Lt Blue. Gr.

JOHNSON LS. Br Dn. VSli Foss Sli Δ P. Vg Ø
Lt Br Sdy Stn. Tr FO Fr Fluor. NO odor.
(4499)

B/JOHN. 4490 - 1874

Sd. Clr. Fn Md Gr Sub Rd Rd Poorly Sorted
P. Intg Ø Lt Br Sat. Stn FSFO Fr Fluor. NO odor.
(4499 30")

VIS: 60 WT: 9.3 WL: 7.6 CHL: 2400

Sh. Yellow Gr. Wt. Sdy Sh.

Sh. Yellow Blue-Grn. Sdy. Silty.

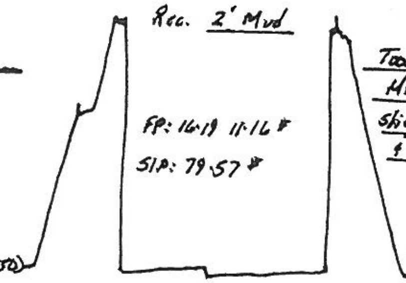
Δ Orange Yellow Multicolored.

MISSISSIPPI 4517-1901

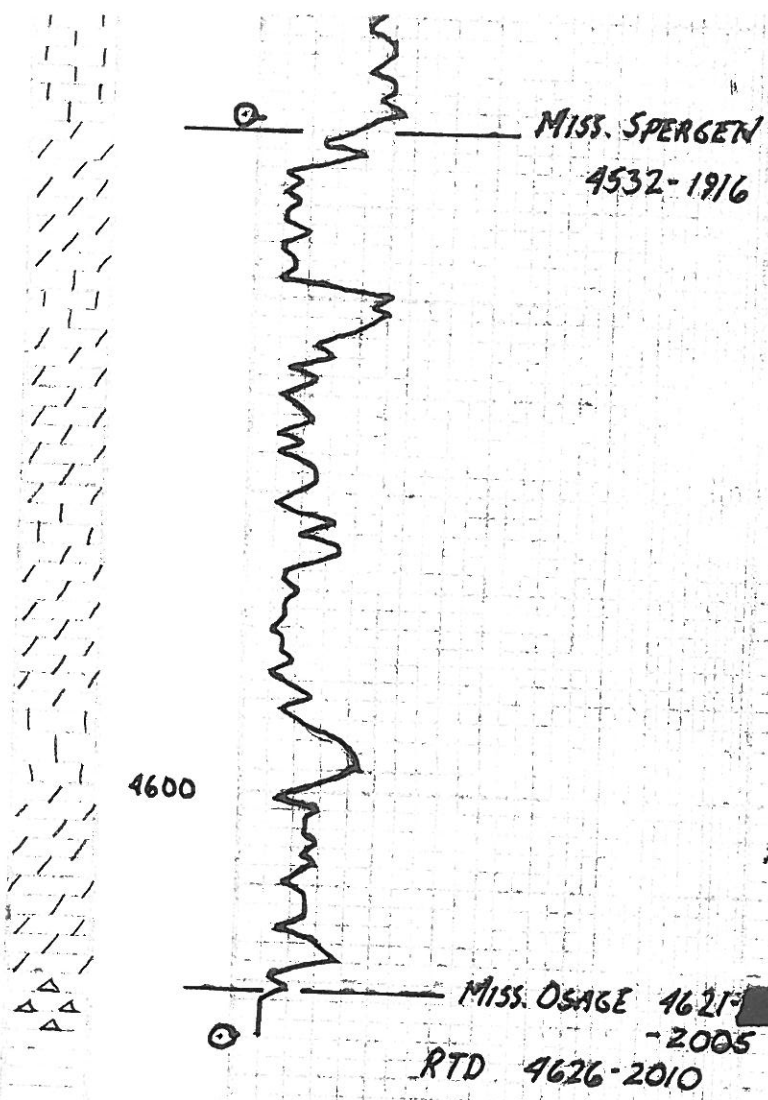
LS. Tn G. ool. Dn. Tr orange Spotted.

MISS. SPERGEN

2nd OPEN: 44" Blow down to Immed. Surf. Blow
30 · 60 · 45 · 75



Tool Sample:
Mud w/a
Slick of oil
& Slight odor



Ls. Tn Gy. occ. Dol. Tn orange spotted.

Dol. Tn vFnxln Suc. Sli Foss Sli Vuggy

Ls. wt occ. Sli Chalky.

Dol. To Cl Gy. vFnxln Suc. w/ DK Gy strks.

Dol. Lt Br Gy. vFnxln Suc.

Dol. Br Gy. Lt Gy vFnxln Sli Foss. Sli Glauc.

Dol. Tn wt. vFnxln Silty.

Δ Lt Gy. Gy. VSli Foss. Fresh Cut.

CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 34424
LOCATION Oakley, KS
FOREMAN Kelly Gabel

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-26-12	7158	Maggie Robbins LLC #1	22	18	27	Lane KS

CUSTOMER: Raymond oil
MAILING ADDRESS:
CITY | STATE | ZIP CODE:

9 9 mot 9 & K96 1E 15 & W into

TRUCK #	DRIVER	TRUCK #	DRIVER
399	Damon M		
460	Cory D		

JOB TYPE PTA | HOLE SIZE 7 7/8 | HOLE DEPTH 4626 | CASING SIZE & WEIGHT
CASING DEPTH | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING
DISPLACEMENT | DISPLACEMENT PSI | MIX PSI | RATE

REMARKS: Safety meeting, Rigged up on HD Drilling, mixed cement Plugs & displaced. Washed out Pumps & lines, rigged down & left location.
505KS @ 2010
805KS @ 1140
505KS @ 600
505KS @ 300
205KS @ 60
305KS RH

Thank You
Kelly & crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1325.00	1325.00
5406	25	MILEAGE	5.00	125.00
1131	2805KS	60/40 Poz	15.10	4228.00
1118B	963#	Bentonite	.25	240.75
1107	70#	Flo-Seal	2.82	197.40
5407A	12.04	Ton Mileage delivery	1.67	502.67
4432	1	8 5/8 Wooden Plug	96.00	96.00
				6714.82
		Less 10%		671.48
				6043.34
			SALES TAX	
			ESTIMATED TOTAL	

Ravin 3737

AUTHORIZTION Rick Walk TITLE DATE 3-26-12

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

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

TICKET NUMBER 33935
LOCATION Oakley
FOREMAN Fuzzy

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-17-12	7158	Maggie Robbins LLC #1	22	18	27	Lane

CUSTOMER: Raymond Oil Co.
MAILING ADDRESS:
CITY | STATE | ZIP CODE:

Alamota 96 + Hwy 1 E 1 S + W

TRUCK #	DRIVER	TRUCK #	DRIVER
520	Colby D		
439	Ricky S		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 2641' CASING SIZE & WEIGHT 8 5/8
CASING DEPTH 2641' DRILL PIPE TUBING OTHER
SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
DISPLACEMENT 15.5 DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety meeting on LD D/S. Rig up and circulate. Mix 175 sks Class 'A' 3% cc 2% gel. Displace 15 1/2 BBL & shut in. Cement did circulate approx 8 BBL to pit.

Thanks Fuzzy & crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE	1085.00	1085.00
5406	25	MILEAGE	5.00	125.00
5407	8.23 ton	Ton Mileage Delivery (min)	410.00	410.00
1104S	175 sks	Class 'A' cement	17.65	3028.75
1102	494#	Calcium Chloride	.89	439.66
1118B	329#	Bentonite	.25	82.25
		S.B total		5230.66
		less 10% discount		523.06
		subtotal		4707.60
			SALES TAX	
			ESTIMATED TOTAL	

Ravin 3737

AUTHORIZTION [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 form.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	**Job Number**	M296
Well Name	MAGGIE ROBBINS, LLC. #1	**Representative**	MIKE COCHRAN
Unique Well ID	DST#1 4201-4372 L/KC 220'/ALTAMONT	**Well Operator**	RAYMOND OIL COMPANY
Surface Location	SEC.22-18S-27W LANE CO.KS.	**Report Date**	2012/03/24
Field	WILDCAT	**Prepared By**	MIKE COCHRAN
Well Type	Vertical	**Qualified By**	KIM SHOEMAKER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL
Formation	DST#1 4201-4372 L/KC 220'/ALTAMONT
Test Purpose (AEUB)	Initial Test

Start Test Date	2012/03/24	**Start Test Time**	03:10:00
Final Test Date	2012/03/24	**Final Test Time**	11:05:00
		Well Fluid Type	01 Oil

Gauge Name	30037
Gauge Serial Number	

Test Results

Remarks

RECOVERED:

20' DM 100% MUD

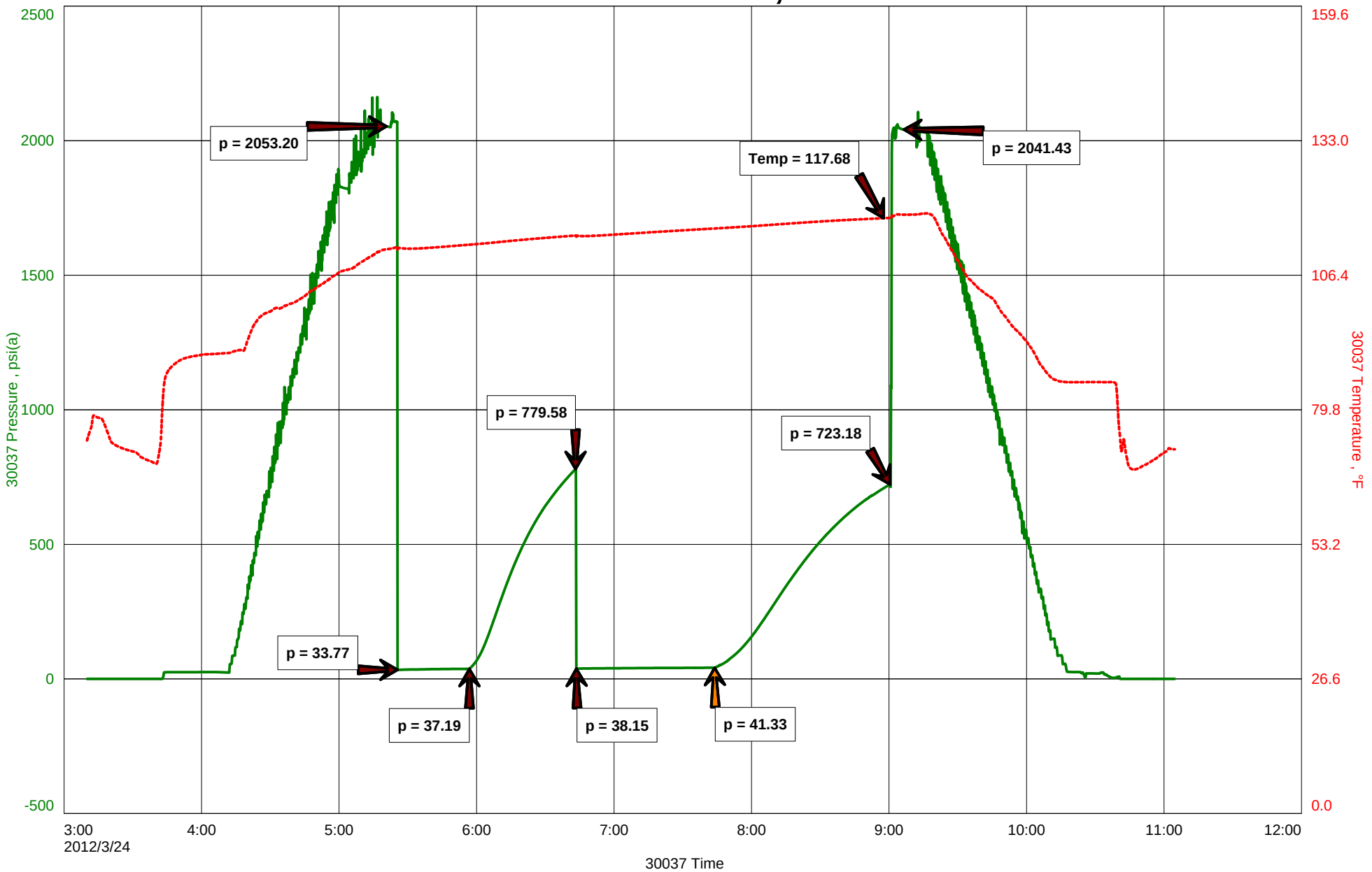
20' TOTAL FLUID

TOOL SAMPLE: DM W/ SOME OIL SPECKS

RAYMOND OIL COMPANY
DST#1 4201-4372 L/KC 220'/ALTAMONT
Start Test Date: 2012/03/24
Final Test Date: 2012/03/24

MAGGIE ROBBINS, LLC. #1
Formation: DST#1 4201-4372 L/KC 220'/ALTAMONT
Pool: WILDCAT
Job Number: M296

MAGGIE ROBBINS, LLC. #1



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: MGGRBBNS1DST1

TIME ON: 0310
TIME OFF: 1105

Company RAYMOND OIL COMPANY — Lease & Well No. MAGGIE ROBBINS, LLC.
Contractor L.D. DRLG RIG 1 — Charge to RAYMOND OIL COMPANY
Elevation 2616 KB — Formation L/KC 220'/ALTAMONT — Effective Pay ____ Ft. — Ticket No. M296
Date 3/24/2012 — Sec. 22 — Twp. 18 S — Range 27 W — County LANE — State KANSAS
Test Approved By KIM SHOEMAKER — Diamond Representative MIKE COCHRAN

Formation Test No. 1 — Interval Tested from 4201 ft. to 4372 ft. — Total Depth 4372 ft.
Packer Depth 4196 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.
Packer Depth 4201 ft. — Size 6 3/4 in. — Packer depth NA ft. — Size 6 3/4 in.
Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4183 ft. — Recorder Number 30037 — Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4369 ft. — Recorder Number 13386 — Cap. 3,875 P.S.I.
Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ P.S.I.

Mud Type CHEM — Viscosity 48 — Drill Collar Length 0 ft. — I.D. 2 1/4 in.
Weight 9.1 — Water Loss 6.8 cc. — Weight Pipe Length 0 ft. — I.D. 2 7/8 in
Chlorides 2,600 P.P.M. — Drill Pipe Length 4169 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 171 ft. (160' D.P.) — 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, INC. TO 1½" (NO BB)
2nd Open: VVWSB THAT DIED @ 35 MIN (NO BB)

Recovered 20 ft. of DM 100% MUD
Recovered 20 ft. of TOTAL FLUID
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Recovered ____ ft. of ____
Remarks: ____

TOOL SAMPLE: DM W/ SOME OIL SPECKS

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 5:30 A.M. A.M. P.M. — Time Started Off Bottom 9:00 A.M. A.M. P.M. — Maximum Temperature 118

Initial Hydrostatic Pressure ..... (A) 2053 P.S.I.
Initial Flow Period ..... Minutes 30 (B) 34 P.S.I. to (C) 37 P.S.I.
Initial Closed In Period ..... Minutes 45 (D) 780 P.S.I.
Final Flow Period ..... Minutes 60 (E) 38 P.S.I. to (F) 41 P.S.I.
Final Closed In Period ..... Minutes 75 (G) 723 P.S.I.
Final Hydrostatic Pressure ..... (H) 2041 P.S.I.

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30037.D297

Company Raymond Oil Company, Inc. Lease & Well No. Maggie Robbins, LLC No. 1

Elevation 2616 KB Formation Fort Scott/Cherokee Effective Pay -- Ft. Ticket No. M297

Date 3-25-12 Sec. 22 Twp. 18S Range 27W County Lane State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Michael Cochran

Formation Test No. 2 Interval Tested from 4,400 ft. to 4,499 ft. Total Depth 4,499 ft.

Packer Depth 4,395 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,400 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,382 ft. Recorder Number 30037 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 4,496 ft. Recorder Number 13386 Cap. 3,875 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor L. D. Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 54 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 7.6 cc. Drill Pipe Length 4,368 ft. I.D. 3½ in.

Chlorides 2,500 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 35' perf. w/64' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface blow increasing to 1 in. in 10 mins., diminishing to a very weak, surface blow. No blow back during shut-in.

2nd Open: A weak, ¼ in., blow, diminishing to a weak, intermittent, surface blow. No blow back during shut-in.

Recovered 2 ft. of drilling mud = .020520 bbls. (Grind out: 100%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: Drilling mud with a slick of oil & a slight odor

Time Set Packer(s) 7:45 ~~A.M.~~ P.M. Time Started Off Bottom 11:15 ~~A.M.~~ P.M. Maximum Temperature 119°

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

Initial Flow Period ..... Minutes 30 (B) 16 P.S.I. to (C) 19 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 79 P.S.I.

Final Flow Period ..... Minutes 45 (E) 11 P.S.I. to (F) 16 P.S.I.

Final Closed In Period ..... Minutes 75 (G) 57 P.S.I.

Final Hydrostatic Pressure ..... (H) 2114 P.S.I.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RAYMOND OIL COMPANY	Job Number	M297
Well Name	MAGGIE ROBBINS, LLC. #1	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4400-4499 FT.SCOTT/CHEROKEE	Well Operator	RAYMOND OIL COMPANY
Surface Location	SEC.22-18S-27W LANE CO.KS.	Report Date	2012/03/25
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL
Formation	DST#2 4400-4499 FT.SCOTT/CHEROKEE
Test Purpose (AEUB)	Initial Test

Start Test Date	2012/03/25	Start Test Time	05:30:00
Final Test Date	2012/03/25	Final Test Time	13:25:00
		Well Fluid Type	01 Oil

Gauge Name	30037
Gauge Serial Number	

Test Results

Remarks

RECOVERED:

2' DM 100% MUD

2' TOTAL FLUID

TOOL SAMPLE: DRLG MUD W/ A SLICK OF OIL AND SLIGHT ODOR