KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 32639
Name: CORAL PRODUCTION CORP.
Address 1: 1600 STOUT ST.
Address 2: SUITE 1500
City: DENVER State: CO Zip: 80202 + 3133
Contact Person: JIM WEBER
Phone: (303) 623-3573
CONTRACTOR: License # 34233
Name: MAVERICK DRILLING LLC
Wellsite Geologist: PETE DEBENHAM
Purchaser:

Designate Type of Completion:

- [x] New Well [ ] Re-Entry [ ] Workover
- [x] 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 #:

12/14/10	12/20/10	1/25/11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22690-00-00

Spot Description:

W2 SW SE SE Sec. 25 Twp. 11 S. R. 24 [ ] East [x] West

330 Feet from [ ] North / [x] South Line of Section

1,050 Feet from [x] East / [ ] West Line of Section

Footages Calculated from Nearest Outside Section Corner:

[ ] NE [ ] NW [x] SE [ ] SW

County: TREGO
Lease Name: MILLARD Well #: 25-1
Field Name: WILDCAT
Producing Formation: LANSING/KANSAS CITY
Elevation: Ground: 2384' Kelly Bushing: 2392'
Total Depth: 4224 Plug Back Total Depth: 4109'
Amount of Surface Pipe Set and Cemented at: 237 Feet
Multiple Stage Cementing Collar Used? [x] Yes [ ] No
If yes, show depth set: 1995 Feet
If Alternate II completion, cement circulated from: 1995
feet depth to: 0 w/ 355 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 3000 ppm Fluid volume: 160 bbls
Dewatering method used: HAUL TO DISPOSAL WELL

Location of fluid disposal if hauled offsite:

Operator Name: CORAL PRODUCTION CORP
Lease Name: GARRETT License #: 32639
Quarter W2 Sec. 16 Twp. 11 S. R. 24 [ ] East [x] West
County: TREGO Permit #: D-20521

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: J. R. Weber
Title: PRESIDENT Date: 2/2/11

KCC Office Use ONLY

- [ ] Letter of Confidentiality Received
  Date:
- [ ] Confidential Release Date:
- [x] Wireline Log Received
- [x] Geologist Report Received
- [ ] UIC Distribution

ALT [ ] I [x] II [ ] III Approved by: DLG Date: 2/7/11

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Side Two

Operator Name: CORAL PRODUCTION CORP. Lease Name: MILLARD Well #: 25-1

Sec. 25 Twp. 11 S. R. 24 ☐ East ☑ West County: TREGO

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 (Attach Additional Sheets)	☑ Yes	☐ No
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Electric Log Submitted Electronically (If no, Submit Copy)	☐ Yes	☑ No

List All E. Logs Run:
DUAL INDUCTION
CDNL
MICRO LOG

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

Name	Top	Datum
ANHYDRITE	1968'	+424
HEEBNER	3735'	-1343'
LANSING	3765'	-1373'
BASE LKC	4005'	-1613'
PAWNEE	4146'	-1754'

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 1/4"	8 5/8"	23	237'	COMMON	150	2% GEL, 3% CC
PRODUCTION	7 7/8"	5 1/2"	14	4120'	QMDC	150	10% SALT, 5% GILSONITE

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☑ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
0-1995	QMDC	355	10% SALT, 5% GILSONITE

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
4	3931'-3940'	500 GAL 15% MUD ACID	3940'
4	3951'-3956'		
4	3959'-3962'	ALL ZONES: 5500 GAL 20% NEFE W/ 3% MSA	
4	3972'-3976'	750 GAL 15% MUD ACID	3976'

TUBING RECORD: Size: 2 7/8" Set At: 3983' Packer At: Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 1/31/11

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	45		15		22

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:
3972'-76';3959-62';3951-56';
3931-40'

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

ALLIED CEMENTING CO., LLC. 034046

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Russell

DATE 12-15-10	SEC. 25	TWP. 11	RANGE 24	CALLED OUT	ON LOCATION	JOB START 1:00 AM	JOB FINISH 1:30 AM
LEASE Millard	WELL # 25-1		LOCATION Wakeeney + Hwy 40 2W			COUNTY Trego	STATE KS.
OLD OR NEW (Circle one)			2N 1/2W W into				

CONTRACTOR Maverick Drilling Rig #108
TYPE OF JOB
HOLE SIZE 12 1/4 T.D. 237
CASING SIZE 8 5/8 DEPTH 237.08
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 14.14 bbl

OWNER

CEMENT
AMOUNT ORDERED 150 Com 3%cc 2% Gel

EQUIPMENT

PUMP TRUCK CEMENTER Shane, Heath
417 HELPER Ron.
BULK TRUCK
410 DRIVER Mark
BULK TRUCK
DRIVER

COMMON	150	@ 13.50	2025.00
POZMIX		@	
GEL	3	@ 20.25	60.75
CHLORIDE	5	@ 51.50	257.50
ASC		@	
HANDLING	150	@ 2.25	337.50
MILEAGE	110/sk/mile		450.00
		TOTAL	3130.75

REMARKS:

Ran 5 jts + Landing Jt.
Est Circulation.
Mixed 150 sks.
Cement Circulated.

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			991.00
EXTRA FOOTAGE		@	
MILEAGE	30	@ 7.00	210.00
MANIFOLD		@	
		@	
		@	
		TOTAL	1201.00

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CHARGE TO: Coral Production
STREET
CITY STATE ZIP

Thanks!

PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665
Cell 785-324-1041

No. 4445

	Sec.	Twp.	Range	County	State	On Location	Finish
Date 12-21-10	25	11	24	Trego	KS		8:00 p.m.

Lease Millard Well No. 25-1 Location WaKeeney 4 old 40 2w 2.30 Boe 2 N

Contractor Maverick #108		Owner	
Type Job Oil Job	Bottom Stage	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Hole Size 7 7/8	T.D. 4225	Charge To CoRAL prod Comp	
Csg. 5 1/2 14#	Depth 4128	Street	
Tbg. Size	Depth	City	State
Tool DV Tool	Depth 1995	The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg. 19'	Shoe Joint 19'	Cement Amount Ordered 150 com 10% Salt 5% Gilsonite 500 gal Mud clear 48	
Meas Line	Displace 100 1/4 BBL		

EQUIPMENT

	No.		
Pumptrk 9		Cementer	Craig
		Helper	
Bulktrk	No.	Driver	Paul
		Driver	
Bulktrk 10	No.	Driver	
		Driver	Brian

JOB SERVICES & REMARKS

Remarks:	Common 150
Rat Hole	Poz. Mix
Mouse Hole	Gel. 1
Centralizers	Calcium
Baskets	Hulls
D/V or Port Collar	Salt 13
	Flowseal
	Kol-Seal 750#
	Mud CLR 48 500 gal
	CFL-117 or CD110 CAF 38
	Sand
	Handling 164
	Mileage

5 1/2 set @ 4128 Insert set @ 4109
Est. Circulation - Pump 500 gal Mud Clear 48
Mix 150 SK & Displace
Plug landed @ 1500 psi - Release
Pressure Dry.

Drop Bomb wait 30 min -
Start Top Stage

FLOAT EQUIPMENT 5 1/2

Guide Shoe	
Centralizer	Turbolizers - 5
Baskets	2
AFU Inserts	DV Tool
Float Shoe	1 AFU
Latch Down	1
Pumptrk Charge	Prod Long String Bottom Stage
Mileage	44
Tax	
Discount	
Total Charge	

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X Signature [signature]

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4446

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-21-10	25	11	24	Trego	KS		9:00pm

Lease Millard Well No. 25-1 Location WaKeeney 1 Old 40 W to 230 Ave 2 N

Contractor Maverick #108 | Owner

Type Job DV Job Top Stage | To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size 7 7/8 T.D. 4225

Csg. 5 1/2 14# Depth 4128 | Charge To Coral prod Corp

Tbg. Size Depth | Street

Tool DV Tool Depth 1995 | City State

Cement Left in Csg. Shoe Joint | The above was done to satisfaction and supervision of owner agent or contractor.

Meas Line — Displace 48 3/4 BL | Cement Amount Ordered 400 Qmd c 1/4# FO

EQUIPMENT

	No.		
Pumptrk 9		Cementer	Craig
		Helper	
Bulktrk	No.	Driver	Paul
		Driver	
Bulktrk 4	No.	Driver	
		Driver	Cisco

JOB SERVICES & REMARKS

Remarks:
Rat Hole 30 SK
Mouse Hole 15 SK
Centralizers
Baskets
D/V or Port Collar

DV Tool @ 1995
Plug Rathole 30 SK & Mousehole 15 SK
Cement Top Stage
Cement Circulated!
Plug landed 1800 PS
Cement Circulated!

Thanks.

X Signature

Common	400
Poz. Mix	
Gel.	
Calcium	
Hulls	
Salt	
Flowseal	100#
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	400
Mileage	

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FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge Prod Long String Top Stage	
Mileage N/C	N/C
Tax	
Discount	
Total Charge	

CORAL PRODUCTION CORPORATION
MILLARD No. 25-1

Section 25, T11S, R24W
Trego County, Kansas
December, 2011

Well Summary

The Coral Production Corporation, Millard No. 25-1 was drilled as a wildcat based on 3-d seismic to a total depth of 3225' in the Ft. Scott. The closest offset was the Alfalfa No. 25-1, approximately 4800' to the NW. The Topeka, Heebner and Toronto ran 16 low relative to this offset. The Lansing came in 19' low. Some thinning occurred as the Munchie Shale came in 12' low, the Lansing "H" and "I" zones ran 15' low as did the BKC.

Hydrocarbon shows were documented regardless of structural position. The most noteworthy occurred in the Lansing "I"(3932'-3937') and "J"(3950'-3956') and consists predominately of a Limestone: Medium to light gray, biomicrite, finely crystalline, brittle to hard, siliceous in part, fossiliferous and oolitic with occasional good interpartical porosity, trace moldic, vuggy and intercrystalline porosity, trace(less than 1% sample) very dull speckled bluegreen hydrocarbon fluorescence, excellent streaming cut, trace black live oil, occasional trace intercrystalline porosity with matrix oil stain.

These intervals were drillstem tested(3918'-3985') and recovered 820' of gas, 315' of gassy oil(20% gas), 94' of muddy oil(80% oil), 126' of highly gas and mud cut oil and oil and gas cut mud, Gravity oil 22 API.

Hydrocarbon shows in the Lansing "H"(3907'-3920') and lower "J"(3972'-3984') were also partly in the test interval and may have contributed to the recovery.

Additional shows were documented in the Lansing "D" and "E" and tested(3826'-3860') tight, recovering 25' of mud with an oil scum.

5 ½" production casing was run on the Millard No. 25-1 on 12/21/10.

Respectfully Submitted,

Peter Debenham

WELL DATA

Operator:	Coral Production Corporation, 1600 Stout St., Suite 1500, Denver, CO 80202, 303/623-3573, President/owner Jim Weber
Prospect Geologist:	Rick Hall, Whitehall Exploration – Golden, CO.
Well:	Millard No. 25-1
Location:	330'FSL & 1050'FEL, Sec. 25, T11S, R24W, Trego County, Kansas – 4 miles NW of Waukeene
API No.:	15-195-22690
Elevation:	Ground Level 2384', Kelly Bushing 2392'
Contractor:	Maverick Drilling Rig No. 108, T.P. Toney Rogers, Type: Double stand, double jacknife.
Spud Date:	12/14/2010.
Total Depth:	12/20/10, Ft. Scott Fm., Driller 4225', Logger 4224'
Casing Program:	5 joints of J55, 8 5/8", 20 lbs/ft. set at 237'.
Mud Program:	Andy's Mud & Chemical Co., Engineer Ken Rupp, Type Chemical Pac – displaced 3400'.
Drillstem Testing:	Trilobite, Engineer Jeff Brown. DST No. 1(3826'-3860'), Lansing E. DST No. 2(3918' – 3985'), Lansing "I & J".
Wellsite Consultant:	Peter Debenham, P.O. Box 350, Drake, CO 80515, 720/220-4860, Petrolific@gmail.com
Samples:	10' 3450' - TD – one dry sent to KGS sample Log Library.
Electric Logs:	Superior Well Services, Engineer Jeff Luebbers, 1)Dual Induction, 2) Compensated Neutron/Density, 3) Microlog
Status:	5 ½" production casing run 12/21/10.

WELL CHRONOLOGY

DATE	8 PM DEPTH	FOOTAGE	RIG ACTIVITY
12/14	237'	237'	Move to location and rig up rotary tools. Mix spud mud. Drill rathole and mousehole. Work on rotary chain guard. Spud in 12 ¼" surface hole to 237' and circulate.
12/15	1670'	1433'	Circulate. Trip for surface casing and run and cement 5 joints of J55, 20 lbs/ft. set at 237' – did circulate. Plug down 1:30 am. Wait on cement. Drill plug and 40' of cement. Grease swivel and tighten pump cap. Fix pit liner and jet pits. Drill 7 7/8" to 1670'.
12/16	2905'	1235'	Jet pits and repair rotary chain. To 2905'
12/17	3420'	515'	Service rotary chain and jet pits. Displace mud system at 3400'. Jet and clean suction. To 3409' and trip for Bit No. 3. Work on rotary chain. To 3420'.
12/18	3860'	440'	Circulate for samples at 3762', 3780', 3812' and 3860'. Short trip 5 stands and circulate. Strap out for DST No. 1(3826'-3860'), Lansing E – no depth correction.
12/19	3985'	125'	Load up test tool and run same. Pull and lay down tool. Trip in and break circulation and circulate on bottom. Work on chain oiler. Circulate for samples at 3870', 3912', 3960' and 3985'. Drop survey(1/2 deg.) and trip out for DST No. 2(3918'-3985'), Lansing I & J.
12/20	4225'TD	240'	Pick up test tool and run test. Trip tool, load out same and clean rig floor. Trip in with bit and circulate on bottom and drill to 4160' and circulate for samples. Drill to 4225'TD and circulate.
12/21	TD		Circulate. Drop survey(3/4 deg.) and trip for logs and run elogs. Trip in and circulate. Trip for 5 ½" production casing and run and cement same. Rig down.

BIT RECORD

NO.	MAKE	TYPE	SIZE	OUT	FOOTAGE	HOURS
1	Reed	RtRR	12 ¼"	237'	237'	2 ¾
2	J2	Qx203	7 7/8"	3409'	3172'	41 ½
3	J2	RRQx20J	7 7/8"	4225'	816'	33 3/4
				Total Rotating Hours:		77 3/4
				Average:		54.34 Ft/Hr

MUD PROPERTIES

DATE	DEPTH	WT	VIS	PV	YP	pH	WL	CL	LCM-LBS/BBL
12/17	3400'	8.6	51	22	17	10.5	8.0	1000	2
12/18	3710'	8.9	52	20	16	10.0	8.0	2000	1
12/19	3860'	9.1	46	22	14	9.5	8.8	2000	1
12 20	3985'	9.2	50	20	17	9.5	8.0	2000	1

DEVIATION RECORD - degrees

237' ¼, 3409' ½, 4225' 3/4

DRILL STEM DATA

DST NO. 1:(3826'-3860'), Lansing "E"
Type: Conventional Bottom Hole, Times: 30-30-30-30
Blows: IF & FF, Weak – gradually built to 1 ¼" – 2".
I & FSI – no blowback.

PERIOD	PSI
IH	1881
IF	48 - 32
ISI	1080
FF	46 - 28
FSI	1032
FH	1843

BHT 106 deg. F.
RECOVERY: 25' of mud with an oil scum.

DST NO. 2:(3918' – 3985'), Lansing "I & J".
Type: Conventional Bottom Hole, Times: 15-30-60-60
Blows: IF – Strong, off bottom of bucket in 6 ½ minutes.
ISI – 2" blowback.
FF – Bottom of bucket in 3 ½ minutes.
FSI – Bottom of bucket in 32 ½ minutes.

PERIOD	PSI
IH	1979
IF	78 - 94
ISI	1228
FF	132 - 241
FSI	1188
FH	1922

RECOVERY: 820' gas, 315' of gassy oil(20% gas), 94' of muddy oil(80% oil), 126' of highly gas and mud cut oil and oil and gas cut mud. Gravity oil 22 API.

ELECTRIC LOG FORMATION TOPS- KB Elev. 2392'

FORMATION	DEPTH	DATUM	*Alfalfa No. 25-1 DATUM	POSITION
Topeka	3509'	-1117'	-1101'	-16'
Heebner	3731'	-1339'	-1323'	-16'
Toronto	3751'	-1359'	-1342'	-17'
Lansing A	3766'	-1374'	-1355'	-19'
C	3800'	-1408'	-1393'	-15'
D	3812'	-1420'	-1403'	-17'
E	3840'	-1448'	-1434'	-14'
Munchie SH	3895'	-1503'	-1491'	-12'
H	3908'	-1516'	-1501'	-15'
I	3930'	-1538'	-1524'	-14'
J	3950'	-1558'	-1539'	-19'
BKC	4006'	-1614'	-1599'	-15'
Marmaton	4054'	-1662'		
Pawnee	4128'	-1736'		
Ft. Scott	4196'	-1804'		
TD	4225'			

*Coral Production Corp., Alfalfa No. 25-1, 1750'FNL & 1455'FWL, Sec. 25 – app. 4800' to the NW, KB Elev. 2403'.

LITHOLOGY DESCRIPTION

SAMPLES ARE LAGGED
CORRECTED E-LOG FORMATION TOPS
*INDICATES HYDROCARBON SHOW

3450-3512 SHALE: Med to dark gray dark gygn black firm blocky carbonaceous in part interbed with LIMESTONE: Med to light brown to gray tan to buff occasional dark brown micr fine crystalline hard dense sbchky in part fossils poor vis porosity no fluorescence no stain or cut

Topeka 3509'
3512-3544 LIMESTONE: Lt gray to buff light brown tan fine crystalline sbchky clean to argillaceous fossils poor vis porosity no show interbed with SHALE

3544-3580 LIMESTONE: Bf to white off white light brown micxln micsuc in part brittle clean to argillaceous brittle and sbchky fossils occasional gd moldic and intxln porosity no fluorescence no stain or cut interbed with SHALE: Dk brown to gray occasional black dark gygn hard blocky carbonaceous in part trace CHRT

3580-3610 LIMESTONE: Med to light brown buff micxln micsuc to sucrosic brittle clean dolic fossils sbchky in part gd intxln and occasional moldic porosity vug porosity no fluorescence no stain or cut intb with SHALE: Dk brown to gray occasional black firm blocky calcareous

3610-3634 SHALE: Dk gray brown dark gygn hard blocky

3634-3652 LIMESTONE: Med to light mottled brown to gray micr fine crystalline dense argillaceous to marly in part fossils dolic in part with trace intxln porosity predominant tight no show interbed with DOLOMITE: Lt brown tan buff micxln sucrosic brittle clean gd intxln porosity no fluorescence no stain or cut

3652-3662 SHALE: Gy to brown hard blocky

3662-3702 LIMESTONE: Lt to medium brown buff biomicr micxln micsuc brittle clean sbchky fossils occasional gd moldic porosity occasional intxln and fine vug porosity no show occasional interbed with SHALE: Gy to dark brown occasional black firm to hard blocky waxy in part

Heebner 3731'
3702-3734 LIMESTONE: Lt to medium brown biomicr micro/crpxln sucrosic in part clean to argillaceous fossils trace intxln and moldic porosity no show interbed with SHALE

3734-3754 SHALE: Blk firm fissile carbonaceous with SHALE: dark gray to dark gygn brown hard blocky interbed with LIMESTONE: Brn to gray fine crystalline hard dense tight no show

Toronto 3751
3754-3770 LIMESTONE: Lt brown buff white mixxln micsuc brittle clean sbchky fossils with moldic and intxln porosity fine vug porosity no fluorescence no stain or cut occasional SHALE: as above

Lansing A 3766'
3770-3794 LIMESTONE: Lt brown white to tan buff biomicr micxln micsuc to sucrosic in part brittle clean sbchky very fossils occasional exc moldic porosity intxln porosity no show with LIMESTONE: Brn to gray tan crpxln hard dense silica tight

3794-3800 SHALE: Dk gray brown dark gygn firm blocky

C 3800'
3800-3814 LIMESTONE: Tan light brown to gray crpxln hard dense clean fossils trace moldic and vug porosity predominant tight occasional trace black residue oil stain gd cut no fluorescence with LIMESTONE: Lt brown buff biomicr micxln sucrosic brittle clean very fossils gd intxln and intpart porosity no show interbed with SHALE: as above

D 3812'
3814-3834 LIMESTONE: Brn tan biomicr crpxln hard dense silica clean fossils tight no show

3834-3842 SHALE: Dk/medium gray gygn black firm blocky carbonaceous fossils in part intbdf with LIMESTONE: as above

E 3840'
3842-3860 *LIMESTONE: Mot brown gray oomicr fine crystalline brittle clean very oolites and fossils with exc intpart porosity trace intxln porosity trace very dark brown to black oil stain trace live black oil dull speck goldbrn hydrocarbon fluorescence exc cut Chrt nodls interbed with SHALE: Dk gray to brown black dark gygn hard blocky

3860-3880 LIMESTONE: Lt brown buff crpxln to micxln hard dense fossils occasional trace intxln porosity predominant tight no show interbed with SHALE

3880-3896 LIMESTONE: Lt brown buff crpxln to micxln hard dense fossils occasional trace intxln porosity predominant tight no show

Munchie Shale 3895'
3896-3908 SHALE: Blk dark gray firm fissile to blocky carbonaceous interbed with LIMESTONE: Brn tan gray crpxln hard dense silica tight no show

H 3908
3908-3922 *LIMESTONE: Med to light brown gray tan micr fine crystalline clean fossils trace very fine isol vug and moldic porosity dark brown oil stain trace black live oil very dull hydrocarbon fluorescence fair strmg cut (show <<1% sample) with LIMESTONE: Lt brown buff crpxln to micxln hard dense fossils occasional trace intxln porosity predominant tight no show

3922-3930 SHALE: Gy brown blocky

I 3930'
3930-3946 *LIMESTONE: Med to light gray biomicr fine crystalline brittle hard clean silica fossils and oolites with occasional moldic porosity trace vug and intxln porosity black live oil(<<1% sample) dull speck blgn hydrocarbon fluorescence exc strmg cut interbed with SHALE: Gy to brown dark gygn hard blocky occasional black and fissile carbonaceous

J 3950'
3946-3962 *LIMESTONE: Med to light gray biomicr fine crystalline brittle hard clean silica fossils and oolites with occasional moldic porosity trace vug and intxln porosity black live oil(<<1% sample) dull speck blgn hydrocarbon fluorescence exc strmg cut

3962-3974 SHALE: Dk gray firm blocky calcareous fossils chrt nodls

3974-3986 LIMESTONE: Brn to gray fine crystalline sbchky in part clean fossils silica in part poor vis porosity no fluorescence no stain or cut interbed with SHALE: Blk firm sbfis carbonaceous

3986-4004 LIMESTONE: Mot brown to gray biomicr fine crystalline hard dense silica tight no show with CHRT: Brn translucent mottled orange hard crystalline

BKC 4006'
4004-4034 SHALE: Dk gray to brown mottled redbrn blocky sndy in part calcareous fossils in part with LIMESTONE: Med to dark mottled brown to gray dark redbrn fine crystalline hard dense argillaceous to marly sndy fossils tight no show

4034-4052 LIMESTONE: Brn mottled biomicr fine crystalline to micxln micsuc in part brittle clean sbchky oolites fossils trace moldic and intxln porosity no fluorescence no stain or cut interbed with SHALE: as above occasional black fissile and carbonaceous

Marmaton 4054'
4052-4064 LIMESTONE: Lt brown micxln micsuc sndy fossils oolites occasional fair intxln and fossils porosity no show

4064-4108 SHALE: Dk brown gray dark redbrn gygn varic in part blocky waxy occasional black and fissile sndy in part calcareous with LIMESTONE: Med brown redbrn micxln sndy argillaceous to marly in part no show

4108-4130 LIMESTONE: Mot brown redbrn gray to gygn crpxln hard dense silica sndy in part occasional micsuc with trace intxln porosity no fluorescence no stain or cut trace CHRT: Mot red to orange hard crystalline

Pawnee 4128'
4130-4144 SHALE: Dk mottled redbrn to brown gray gygn viol varic in part blocky waxy to sndy trace CHRT

4144-4152 LIMESTONE: Med brown crpxln hard dense silica Chrt nodls poor vis porosity no show

4152-4174 DOLOMITE: Lt to medium brown buff tan micxln micsuc brittle clean orange Chrt nodls clean gd intxln porosity no fluorescence no stain or cut

4174-4202 Abt CHRT: Brn translucent clear hard crystalline with SHALE: Dk gray to brown dark redbrn to brown maroon varic in part hard blocky interbed with LIMESTONE: Lt brown micxln micsuc dolic in part fair intxln porosity no fluorescence no stain or cut

Ft. Scott 4196'
4202-4225 SHALE: Dk gray gray to brown dark redbrn maroon varic in part firm blocky waxy interbed with LIMESTONE: Lt to medium brown to gray tan micxl dolic and micsuc in part clean to argillaceous in part silica and tight in part chrt nodls occasional gd intxln porosity no show with DOLOMITE: Lt brown to gray tan buff micro to crpxln micsuc brittle clean fair intxln porosity no fluorescence no stain or cut with abt CHRT: Brn to gray red to orange mottled translucent hard crystalline

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corp

1600 Stout St
Ste 1500
Denver Co 80202
ATTN: Jim Weber

Millaed 25-1

25-11S-24W-Trego

Job Ticket: 041022 DST#: 1

Test Start: 2010.12.18 @ 23:53:41

GENERAL INFORMATION:

Formation: LKC-E
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:27:41
Time Test Ended: 06:45:41

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

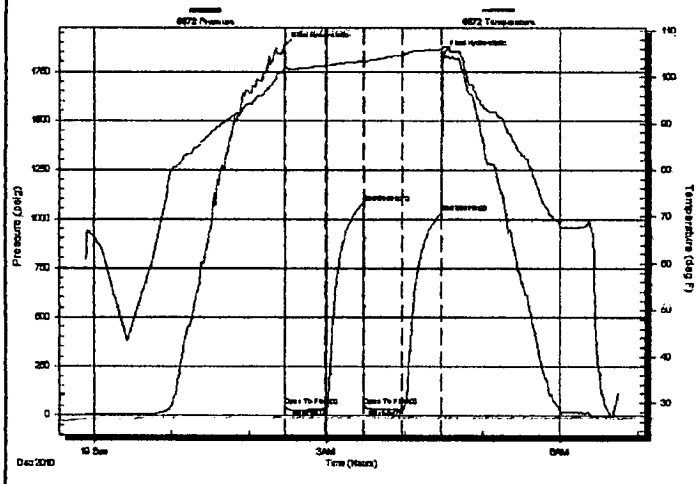
Interval: **3826.00 ft (KB) To 3860.00 ft (KB) (TVD)**
Total Depth: 3860.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2394.00 ft (KB)
2384.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6672 **Inside**
Press@RunDepth: 28.11 psig @ 3829.00 ft (KB)
Start Date: 2010.12.18 End Date: 2010.12.19
Start Time: 23:53:41 End Time: 06:45:41

Capacity: 8000.00 psig
Last Calib.: 2010.12.19
Time On Btm: 2010.12.19 @ 02:27:11
Time Off Btm: 2010.12.19 @ 04:29:41

TEST COMMENT: IFP-Weak blow built to 2 in
ISI-Dead no blow back
FFP-Weak blow built to 1 1/4 in
FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1881.00	102.30	Initial Hydro-static
1	48.26	101.88	Open To Flow (1)
32	31.54	102.42	Shut-In(1)
61	1080.22	103.34	End Shut-In(1)
62	46.18	103.15	Open To Flow (2)
91	28.11	104.75	Shut-In(2)
121	1031.85	105.96	End Shut-In(2)
123	1843.13	106.69	Final Hydro-static

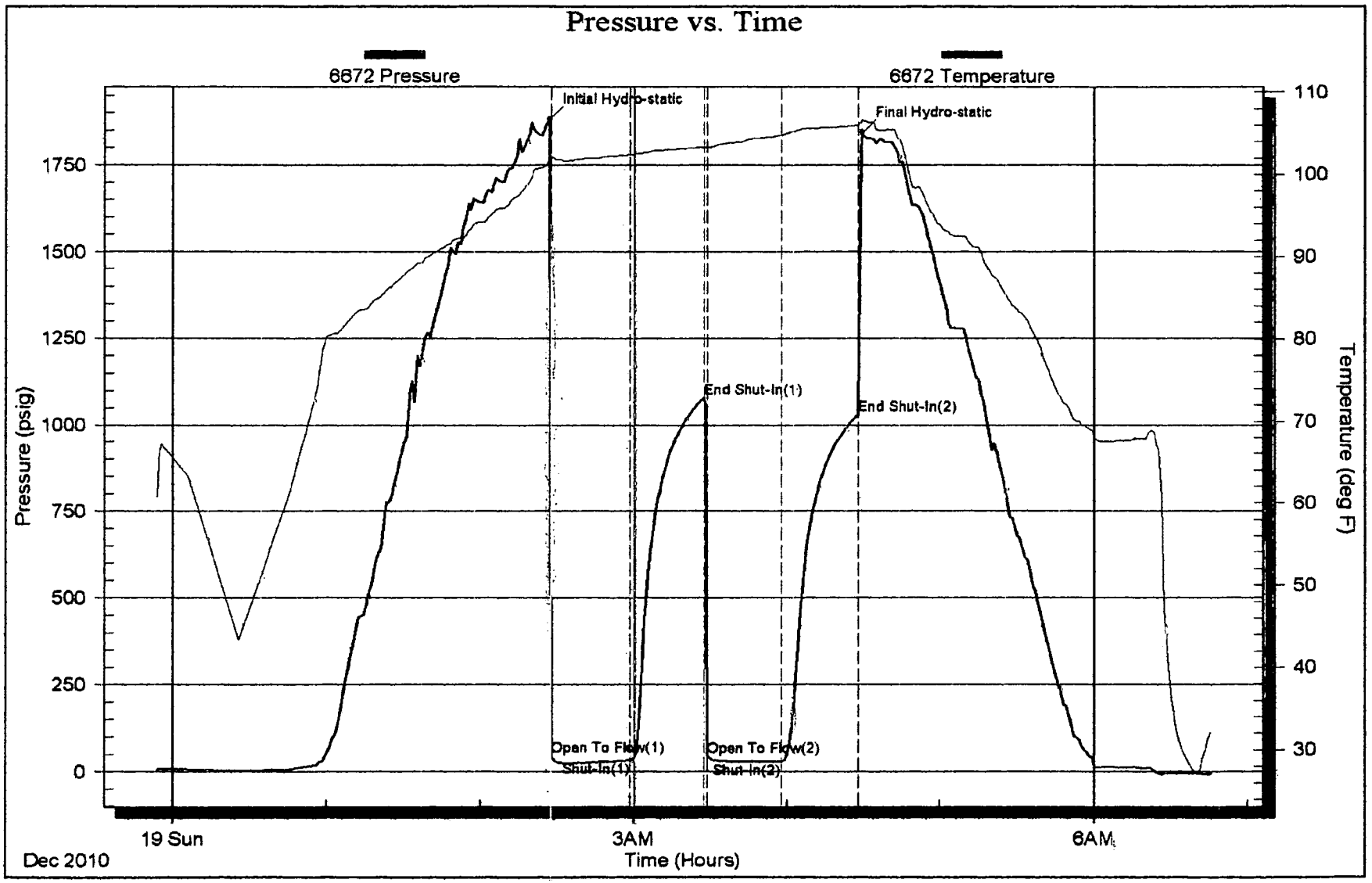
Recovery

Length (ft)	Description	Volume (bbl)
25.00	Mud with a scum of oil	0.35

Gas Rates

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

RECEIVED
FEB 04 2011
KCC WICHITA


Pressure vs. Time
6672 Pressure
6672 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
1750
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
50
40
30
19 Sun
Dec 2010
3AM
6AM
Time (Hours)

DRILL STEM TEST REPORT

Coral Production Corp

1600 Stout St
Ste 1500
Denver Co 80202
ATTN: Jim Weber

Millaed 25-1

25-11S-24W-Trego

Job Ticket: 041023 DST#: 2

Test Start: 2010.12.19 @ 22:51:50

GENERAL INFORMATION:

Formation: LKC-H
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:04:20
Time Test Ended: 06:54:50

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

Interval: **3918.00 ft (KB) To 3985.00 ft (KB) (TVD)**
Total Depth: 3985.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

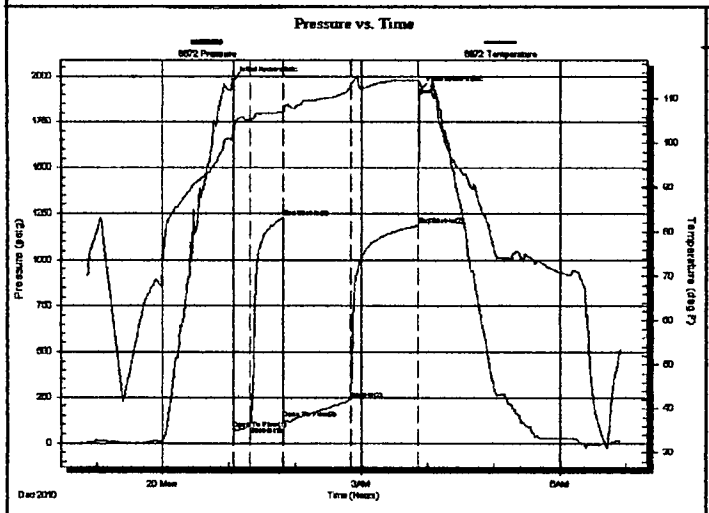
Reference Elevations: 2394.00 ft (KB)
2384.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6672 **Inside**

Press@RunDepth: 240.53 psig @ 3954.00 ft (KB)
Start Date: 2010.12.19 End Date: 2010.12.20
Start Time: 22:51:50 End Time: 06:54:50

Capacity: 8000.00 psig
Last Calib.: 2010.12.20
Time On Btm: 2010.12.20 @ 01:03:50
Time Off Btm: 2010.12.20 @ 03:52:50

TEST COMMENT: IFP-Strong blow BOB in 6 1/2 min
ISI-Weak blow back built to 2 in
FFP-Strong blow BOB in 3 1/2 min
FSI-Good blow back BOB in 32 1/2 min



PRESSURE SUMMARY

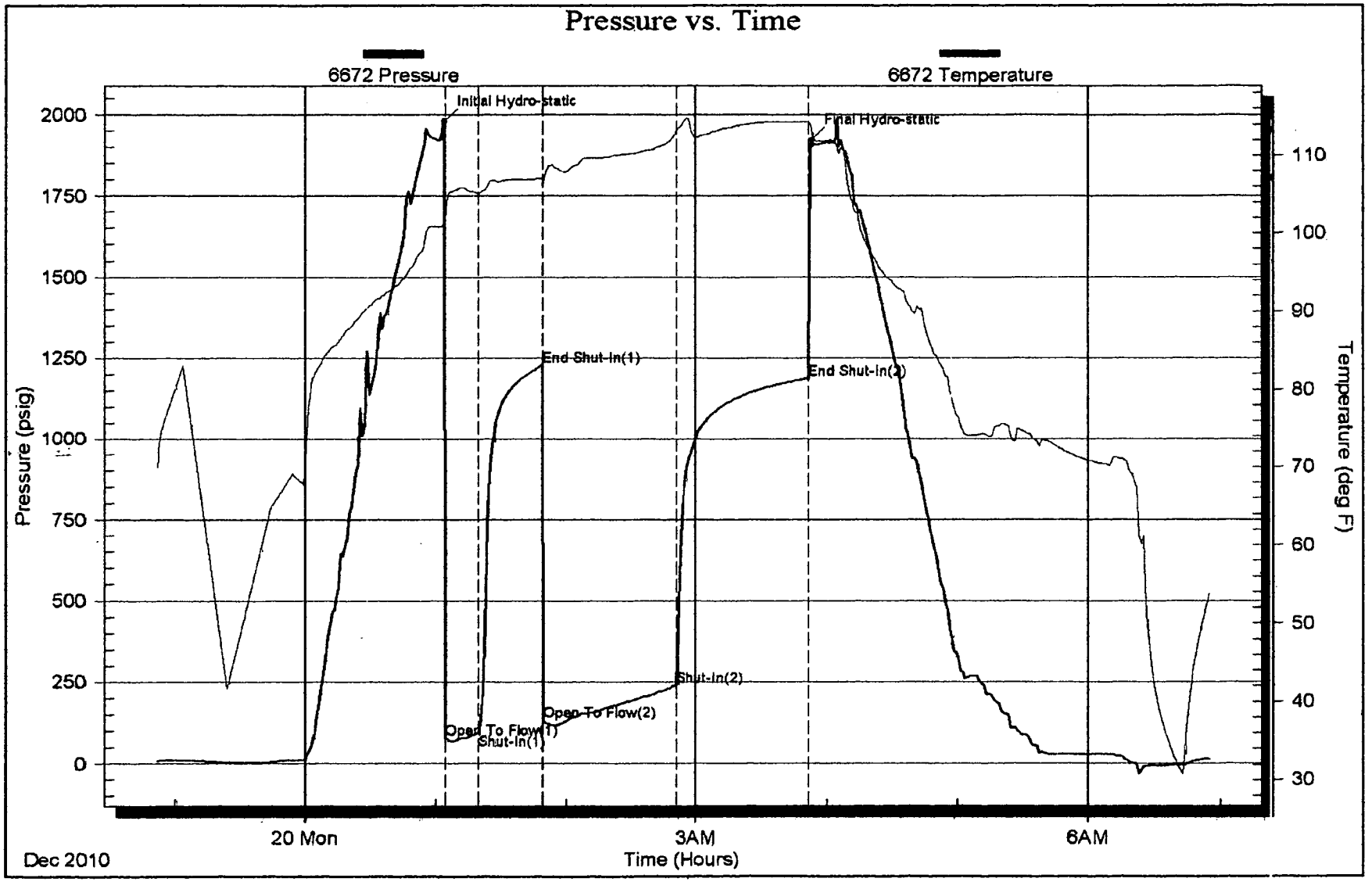
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1979.01	102.41	Initial Hydro-static
1	77.76	101.98	Open To Flow (1)
16	93.92	105.11	Shut-In(1)
45	1228.18	106.95	End Shut-In(1)
46	131.53	106.51	Open To Flow (2)
107	240.53	113.04	Shut-In(2)
168	1187.70	114.27	End Shut-In(2)
169	1922.19	113.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	HOCGM 20%G25%O55%M	0.88
63.00	MCGO20%G30%M50%O	0.88
94.00	MO20%M80%O	1.32
315.00	G Oil 20%G80%O	4.42
0.00	819 GIP	0.00

Gas Rates

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


Pressure vs. Time
6672 Pressure
6672 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
2000
1750
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
50
40
30
Pressure (psig)
Temperature (deg F)
20 Mon
3AM
6AM
Dec 2010
Time (Hours)

Petrolific Consulting Services

Peter Debenham
P.O. Box 350
Drake, Colorado 80515

Wellsite Geology
720/220-4860
petrolific@gmail.com

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

Well Name:	Coral Production Corp., Millard NO. 25-1		
Location:	330'FSL, 1050'FEL, Sec. 25, T11S, R24W, Trego Co., KS		
Licence Number:	API No. 15-195-22690	Region:	CKU
Spud Date:	12/14/10	Drilling Completed:	12/20/10
Surface Coordinates:	330'FSL, 1050'FEL, Sec. 25, T11S, R24W, Trego Co., KS		
Bottom Hole Coordinates:	330'FSL, 1050'FEL, Sec. 25, T11S, R24W, Trego Co., KS		
Ground Elevation (ft):	2384'	K.B. Elevation (ft):	2392'
Logged Interval (ft):	3450' To: TD	Total Depth (ft):	4225'
Formation:	Topeka, Toronto, Lansing, Pawnee, Ft. Scott		
Type of Drilling Fluid:	KCl/polymer , displaced at 3400'.		

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

OPERATOR

Company: Coral Production Corp.
Address: 1600 Stout Street, Suite 1500
Denver, Colorado 80202
Jim Weber, Jim Chonka, Jim Wieger, Bill & Stacey

GEOLOGIST

Name: Wellsite: Peter Debenham
Company: Petrolific Consulting Services
Address: P.O. Box 350
Drake, CO 80515
720/220-4860

DSTs

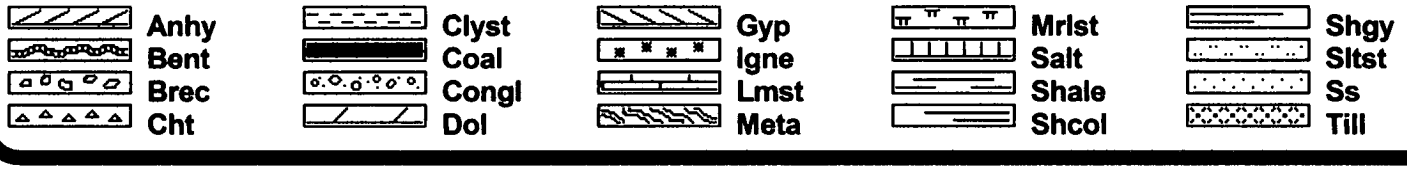
DST NO. 1:(3826'-3860'), Lansing "E"
Type: Conventional Bottom Hole, Times: 30-30-30-30
Blows: IF & FF, Weak - gradually built to 1 ¼" - 2".
I & FSI - no blowback.
PERIODPSI
IH1881
IF48 - 32
ISI1080
FF46 - 28
FSI1032
FH1843
BHT106 deg. F.
RECOVERY: 25' of mud with an oil scum.

DST NO. 2:(3918' - 3985'), Lansing "I & J".
Type: Conventional Bottom Hole, Times: 15-30-60-60
Blows: IF - Strong, off bottom of bucket in 6 ½ minutes.
ISI - 2" blowback.
FF - Bottom of bucket in 3 ½ minutes.
FSI - Bottom of bucket in 32 ½ minutes.
PERIODPSI
IH1979
IF78 - 94
ISI1228
FF132 - 241
FSI1188
FH1922
RECOVERY: 820' gas, 315' of gassy oil(20% gas), 94' of muddy oil(80% oil), 126' of highly gas and mud cut oil and oil and gas cut mud. Gravity oil 22 API.

Comments

Maverick Drilling Rig No. 108, TP Tony Rogers, Andy's Mud and Chemical, Engineer Ken Rupp, Type: Chemical, displaced 3400', Trilobite Testing Engineer Jeff Brown, 8 5/8" surf. csg set at 237', 5 1/2" production csg set to TD on 12/21/10.

ROCK TYPES



ACCESSORIES

MINERAL
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

FOSSIL
- Algae
- Amph
- Belm
- Biocist
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

STRINGER
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

TEXTURE
- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY TYPE
- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

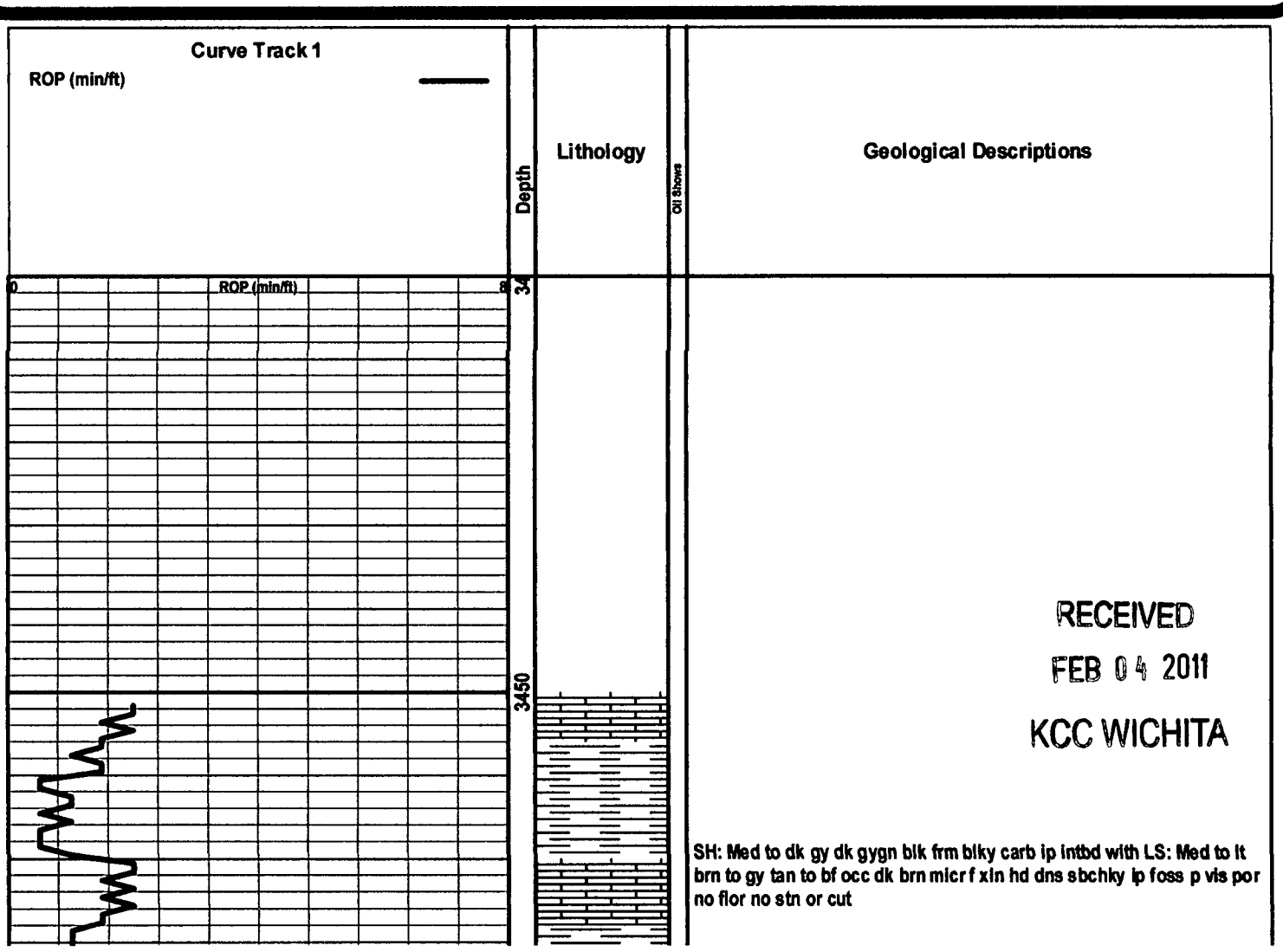
SORTING
- Well
- Moderate
- Poor

ROUNDING
- Rounded
- Subrnd
- Subang
- Angular

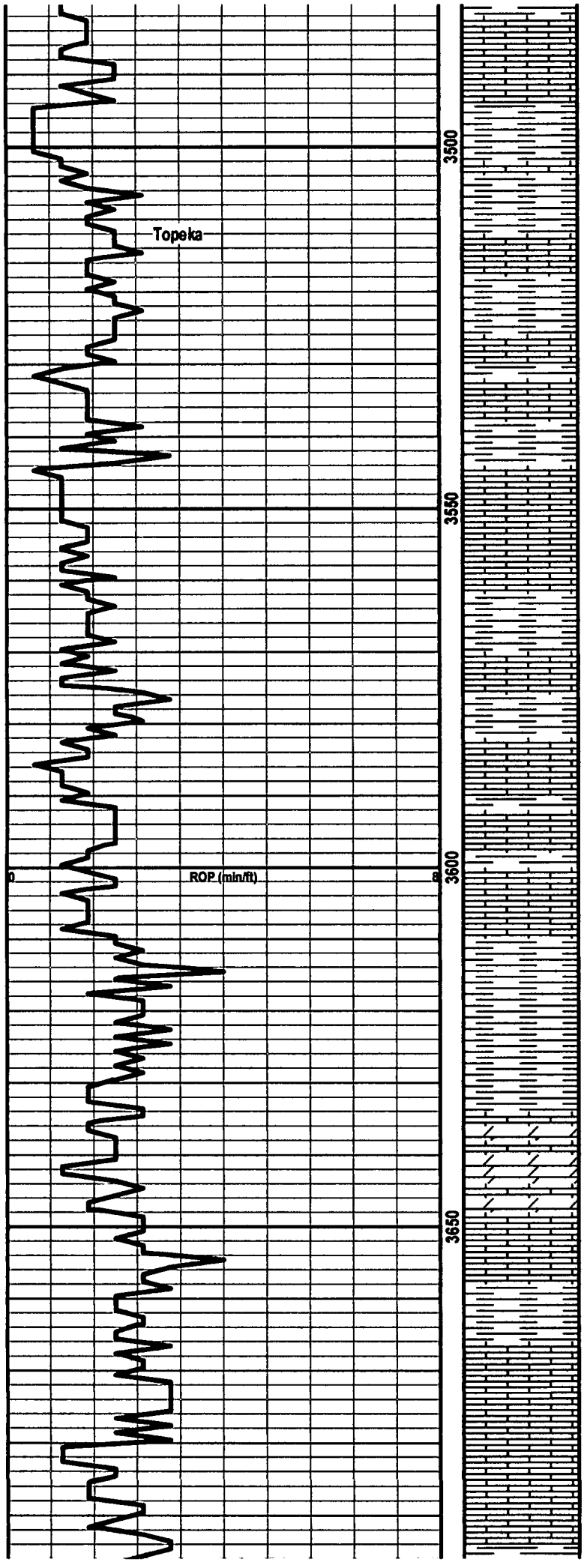
OIL SHOWS
- Even
- Spotted
- Ques
- Dead

INTERVALS
- Core
- Dst

EVENTS
- Rft
- Sidewall



SH: Med to dk gy dk gygn blk frm blky carb ip intbd with LS: Med to lt brn to gy tan to bf occ dk brn micr f xln hd dns sbchky ip foss p vis por no flor no stn or cut



LS: Lt gy to bf lt brn tan f xln sbchky cln to arg foss p vis por no show intbd with SH

LS: Bf to wh off wh lt brn micxln micsuc ip brit cln to arg brit & sbchky foss occ gd moldic & intxln por no flor no stn or cut intbd with SH: Dk brn to gy occ blk dk gygn hd blky carb ip tr CHRT

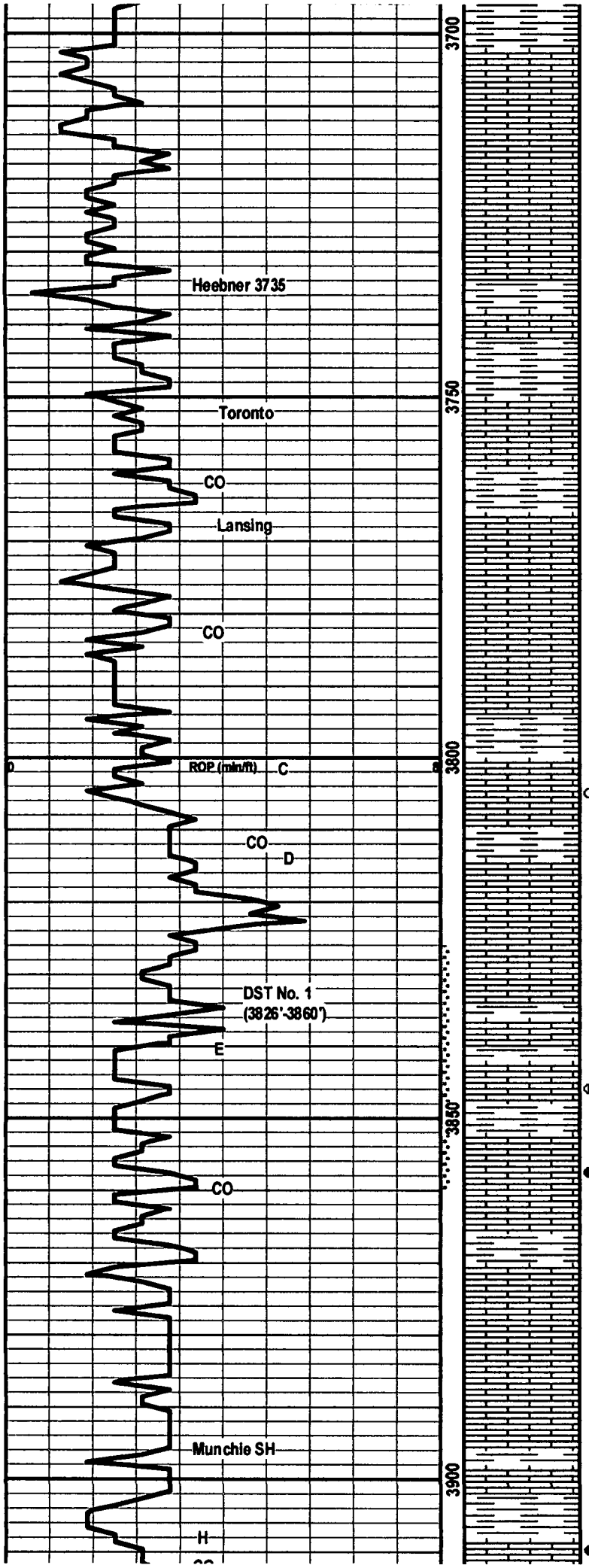
LS: Med to lt brn bf micxln micsuc to suc brit cln dolic foss sbchky ip gd intxln & occ moldic por vug por no flor no stn or cut intb with SH: Dk brn to gy occ blk frm blky calc

SH: Dk gy brn dk gygn hd blky

LS: Med to lt mot brn to gy micr f xln dns arg to mrly ip foss dolic ip with tr intxln por pred tt no show intbd with DOL: Lt brn tan bf micxln suc brit cln gd intxln por no flor no stn or cut

SH: Gy to brn hd blky

LS: Lt to med brn bf biomicr micxln micsuc brit cln sbchky foss occ gd moldic por occ intxln & f vug por no show occ intbd with SH: Gy to dk brn occ blk frm to hd blky wxy ip



LS: Lt to med brn biomicr mic/crpxln suc ip cln to arg foss tr intxln & moldic por no show intbd with SH

SH: Blk frm fis carb with SH: dk gy to dk gygn brn hd blky intbd with LS: Brn to gy f xln hd dns tt no show

LS: Lt brn bf wh mixxln micsuc brit cln sbchky foss with moldic & intxln por f vug por no flor no stn or cut occ SH: aa

LS: Lt brn wh to tan bf biomicr micxln micsuc to suc ip brit cln sbchky v foss occ exc moldic por intxln por no show with LS: Brn to gy tan crpxln hd dns sil tt

SH: Dk gy brn dk gygn frm blky

LS: Tan lt brn to gy crpxln hd dns cln foss tr moldic & vug por pred tt occ tr blk resd o stn gd cut no flor with LS: Lt brn bf biomicr micxln suc brit cln v foss gd intxln & intpart por no show intbd with SH: aa

LS: Brn tan biomicr crpxln hd dns sil cln foss tt no show

SH: Dk/med gy gygn blk frm blky carb foss ip intbdf with LS: aa

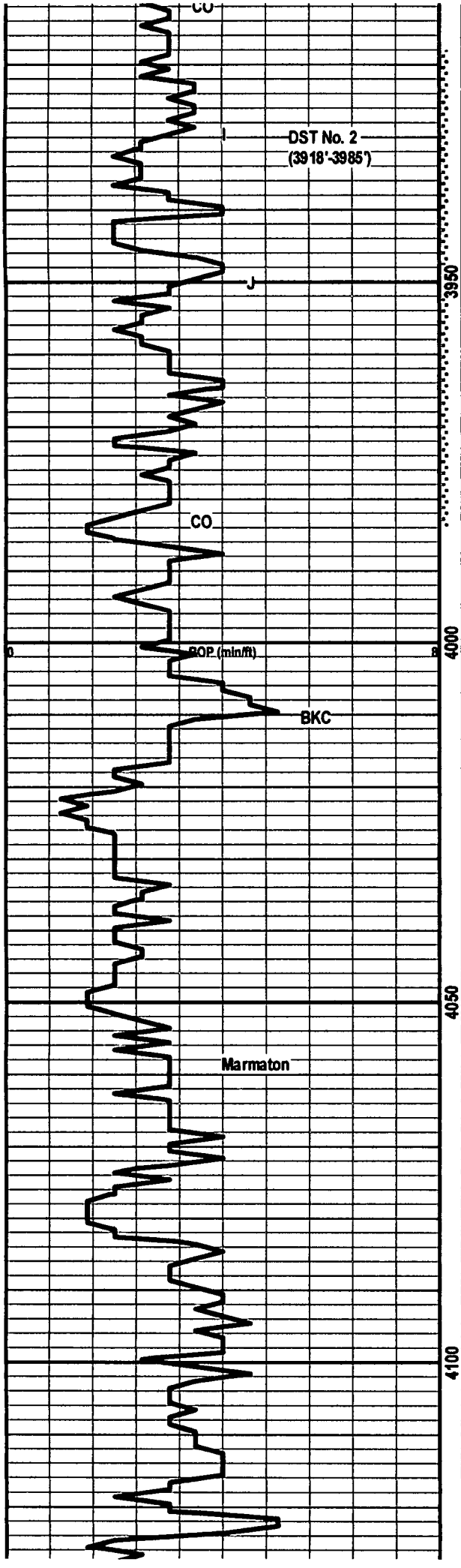
LS: Mot brn gy oomicr f xln brit cln v ool & foss with exc intpart por tr intxln por tr v dk brn to blk o stn tr live blk o dull spec goldbrn hydc flor exc cut Chrt nodls intbd with SH: Dk gy to brn blk dk gygn hd blky

LS: Lt brn bf crpxln to micxln hd dns foss occ tr intxln por pred tt no show intbd with SH

LS: Lt brn bf crpxln to micxln hd dns foss occ tr intxln por pred tt no show

SH: Blk dk gy frm fis to blky carb intbd with LS: Brn tan gy crpxln hd dns sil tt no show

LS: Med to lt brn gy tan micr f xln cln foss tr v f isol vug & moldic por



dk brn o stn tr blk live o v dull hydc flor fr strmg cut (show <<1% spl) with LS: Lt brn bf crpxln to micxln hd dns foss occ tr intxln por pred tt no show

SH: Gy brn blky

LS: Med to lt gy biomicr f xln brit hd cln sil foss & ool with occ moldic por tr vug & intxln por blk live o(<<1% spl) dull spec bign hydc flor exc strmg cut intbd with SH: Gy to brn dk gygn hd blky occ blk & fis carb

LS: Med to lt gy biomicr f xln brit hd cln sil foss & ool with occ moldic por tr vug & intxln por blk live o(<<1% spl) dull spec bign hydc flor exc strmg cut

SH: Dk gy frm blky calc foss chrt nodls

LS: Brn to gy f xln sbchky ip cln foss sil ip p vis por no flor no stn or cut intbd with SH: Blk frm sbfis carb

LS: Mot brn to gy biomicr f xln hd dns sil tt no show with CHRT: Brn trnsl mot orng hd xln

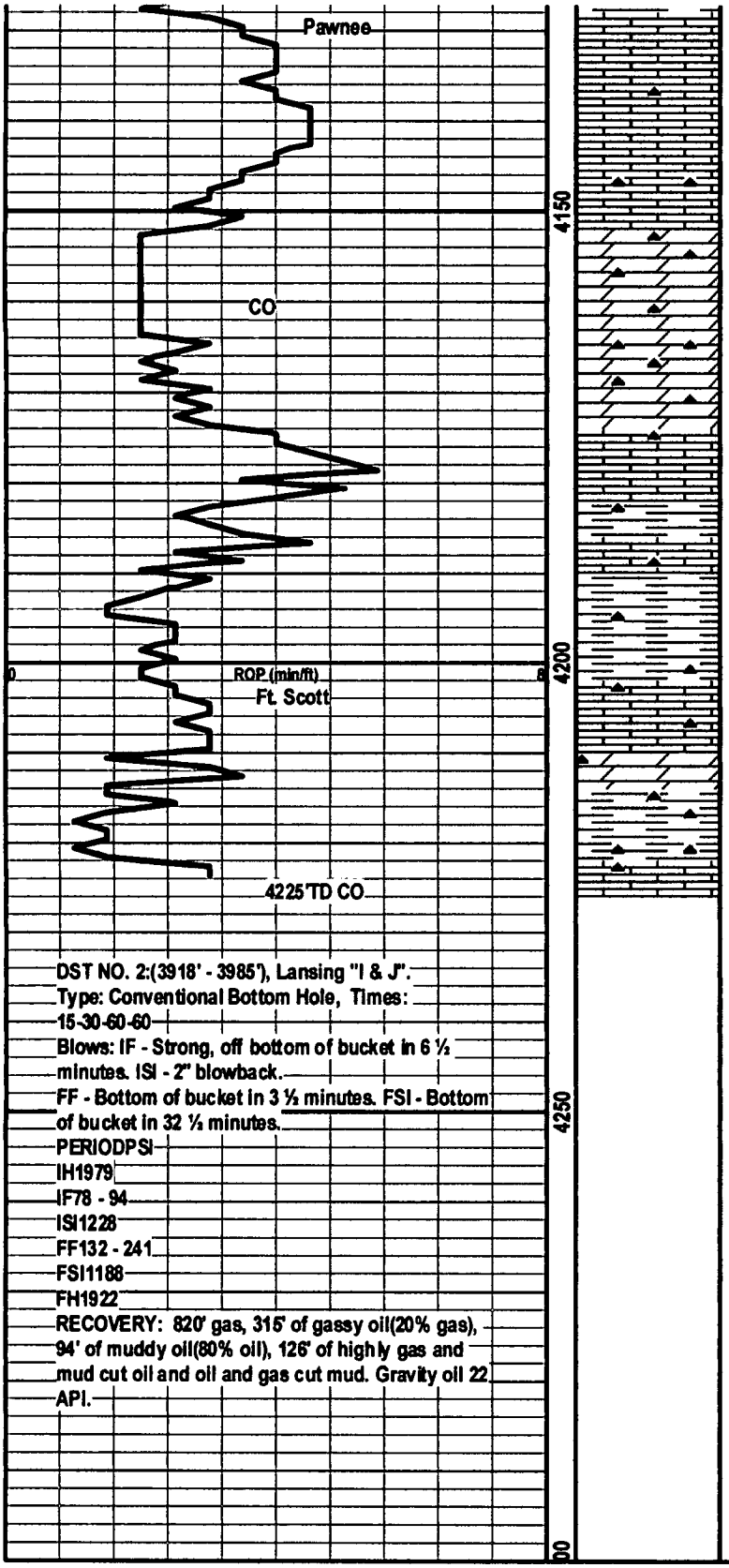
SH: Dk gy to brn mot redbrn blky sndy ip calc foss ip with LS: Med to dk mot brn to gy dk redbrn f xln hd dns arg to mrly sndy foss tt no show

LS: Brn mot biomicr f xln to micxln micsuc ip brit cln sbchky ool foss tr moldic & intxln por no flor no stn or cut intbd with SH: aa occ blk fis & carb

LS: Lt brn micxln micsuc sndy foss ool occ fr intxln & foss por no show

SH: Dk brn gy dk redbrn gygn varic ip blky wxy occ blk and fis sndy ip calc with LS: Med brn redbrn micxln sndy arg to mrly ip no show

LS: Mot brn redbrn gy to gygn crpxln hd dns sil sndy ip occ micsuc with tr intxln por no flor no stn or cut tr CHRT: Mot red to orng hd xln



SH: Dk mot redbrn to brn gy gygn viol varic ip blky wxy to sndy tr CHRT

LS: Med brn crpxln hd dns sil Chrt nodls p vis por no show

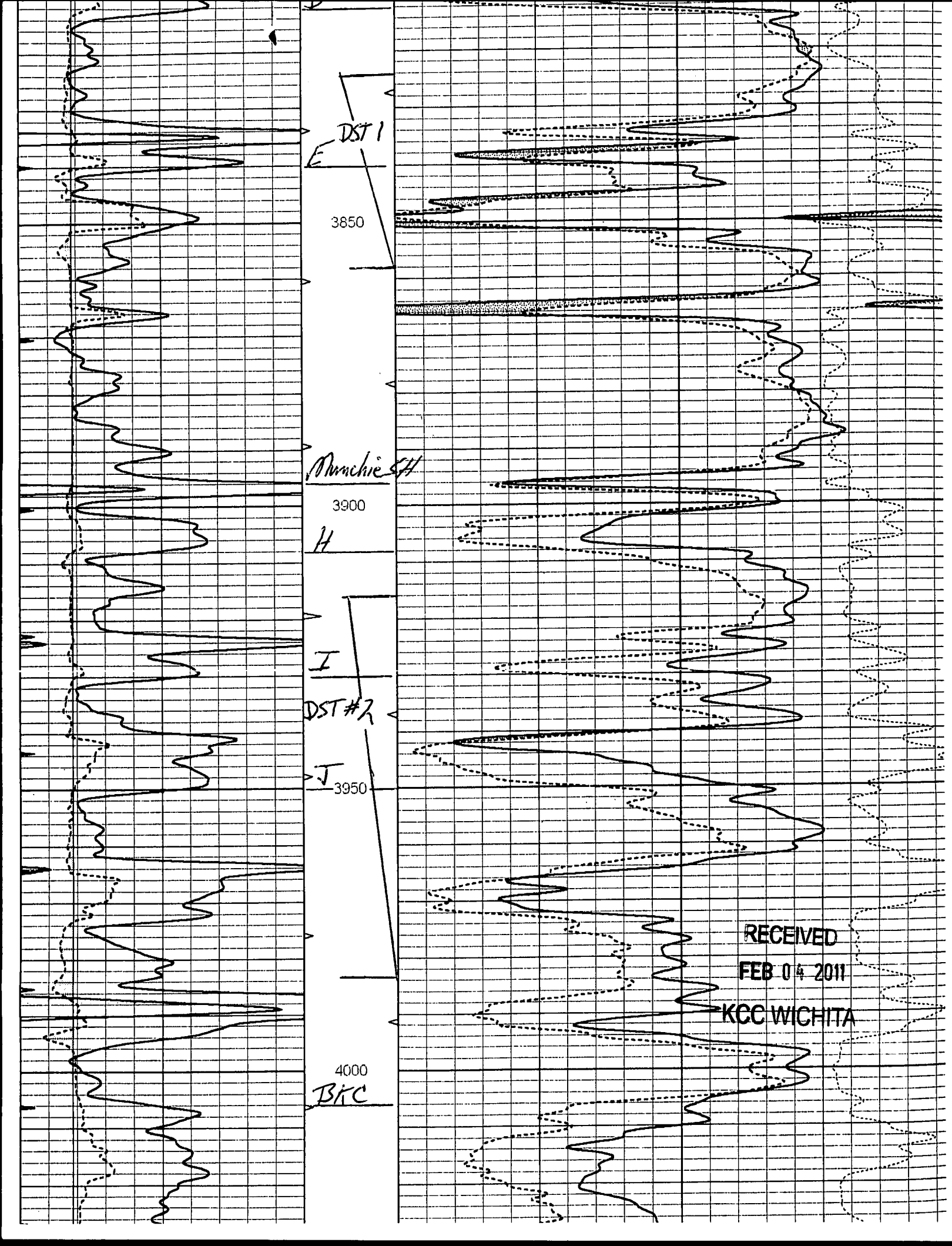
DOL: Lt to med brn bf tan micxln micsuc brit cln orng Chrt nodls cln gd intxln por no flor no stn or cut

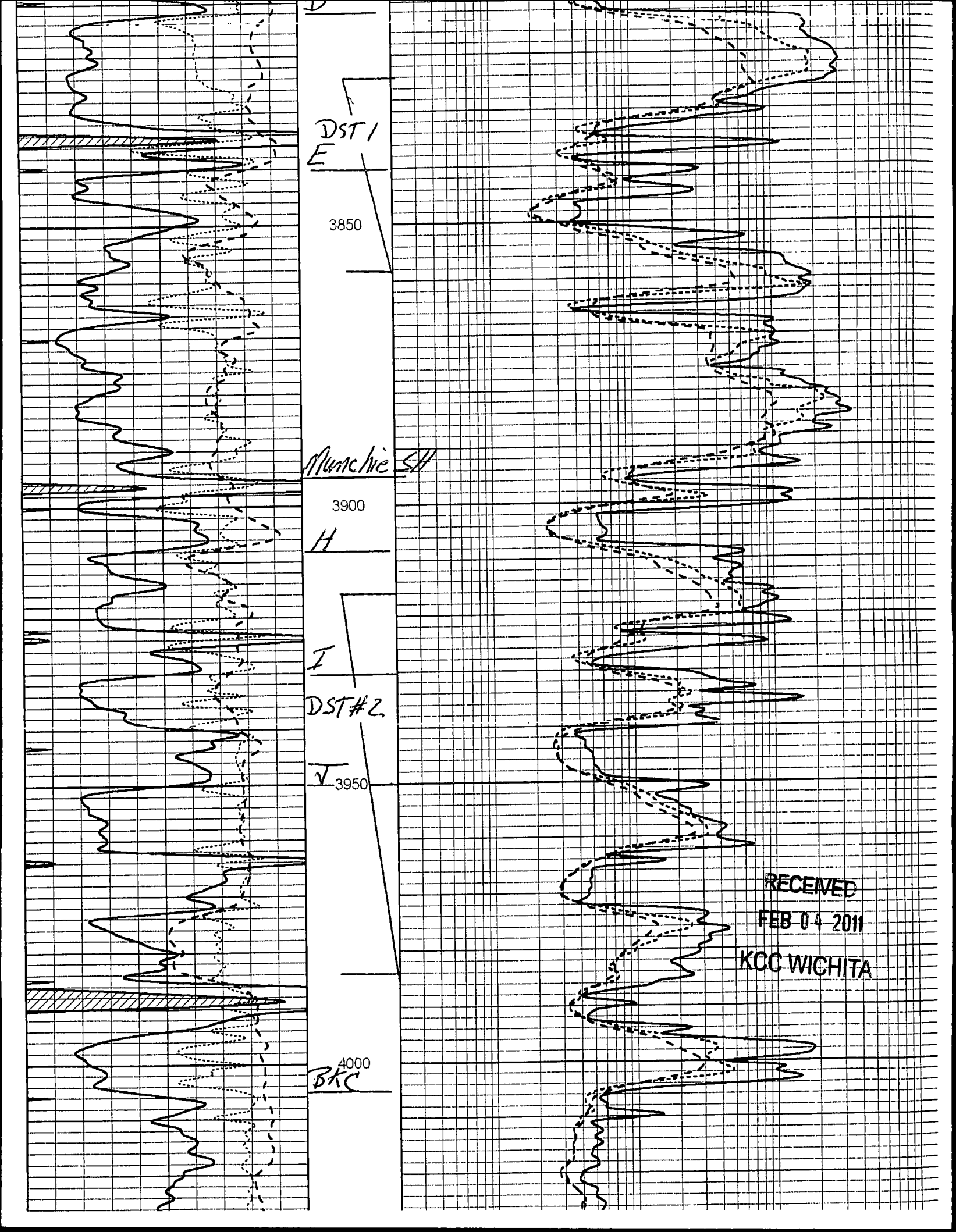
Abt CHRT: Brn trnsl clr hd xln with SH: Dk gy to brn dk redbrn to brn mar varic ip hd blky intbd with LS: Lt brn micxln micsuc dolic ip fr intxln por no flor no stn or cut

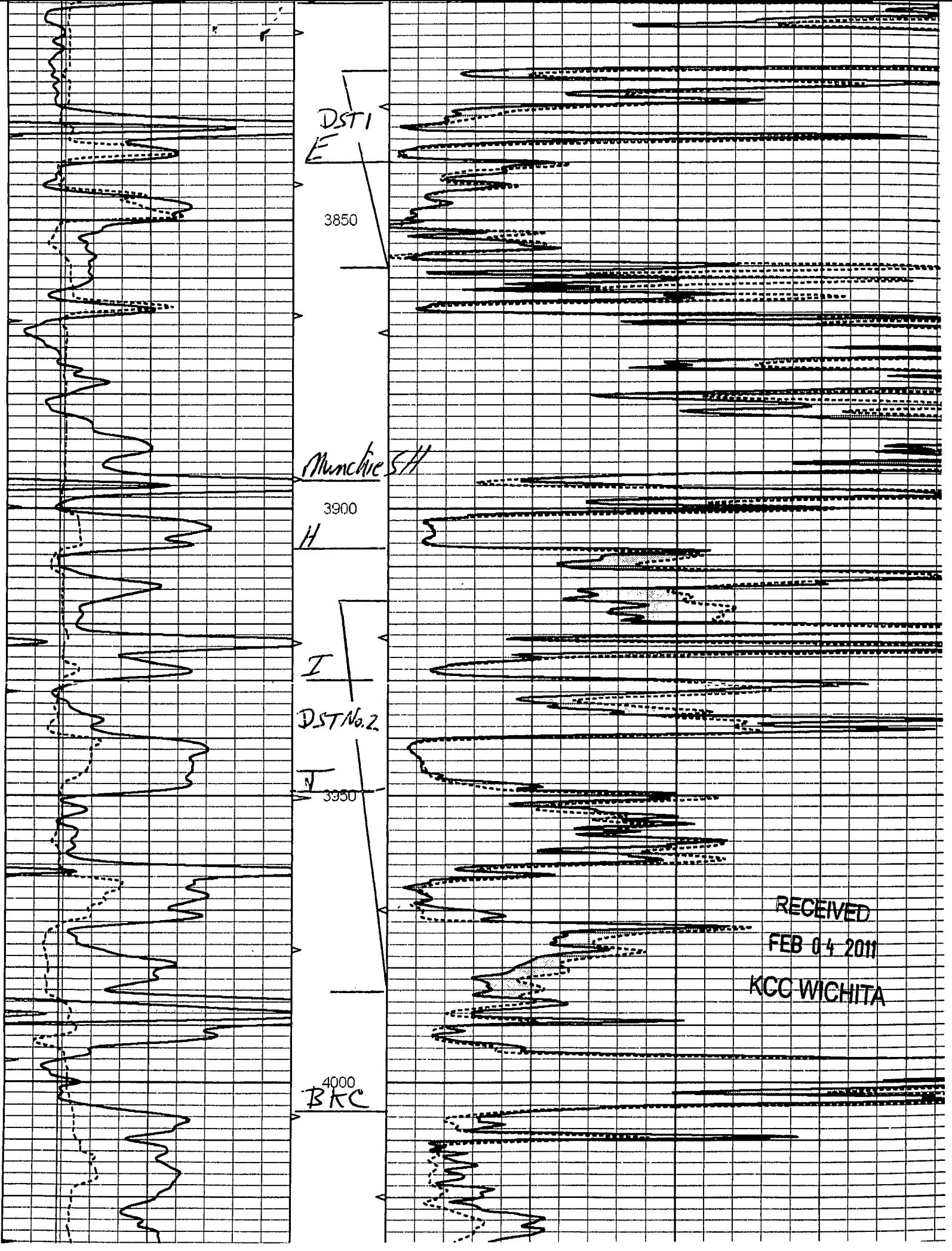
SH: Dk gy gy to brn dk redbrn mar varic ip frm blky wxy intbd with LS: Lt to med brn to gy tan micxl dolic & micsuc ip cln to arg ip sil & tt ip chrt nodls occ gd intxln por no show with DOL: Lt brn to gy tan bf mic to crpxln micsuc brit cln fr intxln por no flor no stn or cut with abt CHRT: Brn to gy red to orng mot trnsl hd xln

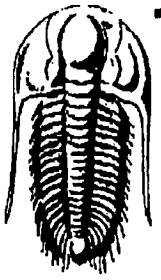
DST NO. 2:(3918' - 3985'), Lansing "I & J".
Type: Conventional Bottom Hole, Times:
15-30-60-60
Blows: IF - Strong, off bottom of bucket in 6 ½ minutes. ISI - 2" blowback.
FF - Bottom of bucket in 3 ½ minutes. FSI - Bottom of bucket in 32 ½ minutes.
PERIODPSI
IH1979
IF78 - 94
ISI1228
FF132 - 241
FSI1188
FH1922
RECOVERY: 820' gas, 315' of gassy oil(20% gas), 94' of muddy oil(80% oil), 126' of highly gas and mud cut oil and oil and gas cut mud. Gravity oil 22 API.

DST NO. 1:(3826'-3860'), Lansing "E"
Type: Conventional Bottom Hole, Times: 30-30-30-30
Blows: IF & FF, Weak - gradually built to 1 ¼" - 2".
I & FSI - no blowback.
PERIODPSI
IH1881
IF48 - 32
ISI1080
FF46 - 28
FSI1032
FH1843
BHT106 deg. F.
RECOVERY: 25' of mud with an oil scum.









TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp**

1600 Stout St
Ste 1500
Denver CO 80202

ATTN: Jim Weber

25-11S-24W Trego KS

Millard 25-1

Start Date: 2010.12.18 @ 23:53:41
End Date: 2010.12.19 @ 06:45:41
Job Ticket #: 041022 DST #: 1

RECEIVED
FEB 04 2011
KCC WICHITA

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Coral Production Corp

1600 Stout St
Ste 1500
Denver CO 80202
ATTN: Jim Weber

Millard 25-1

25-11S-24W Trego KS

Job Ticket: 041022 **DST#: 1**

Test Start: 2010.12.18 @ 23:53:41

GENERAL INFORMATION:

Formation: **LKC-E**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:27:41
Time Test Ended: 06:45:41

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

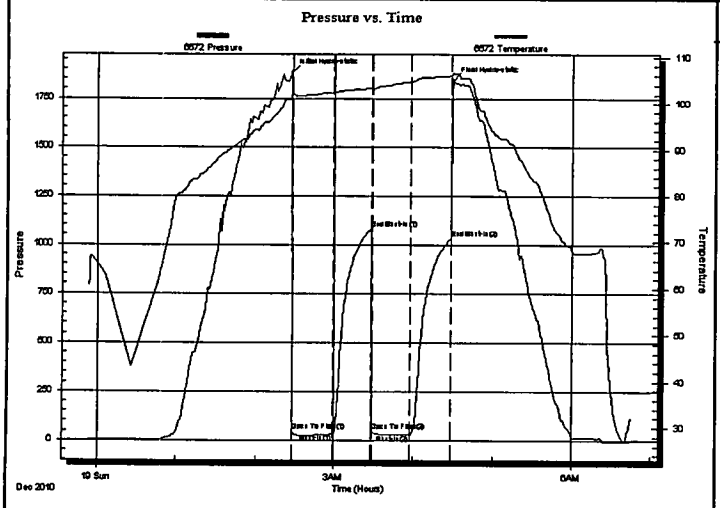
Interval: 3826.00 ft (KB) To 3860.00 ft (KB) (TVD)
Total Depth: 3860.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2394.00 ft (KB)
2384.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6672 **Inside**
Press@RunDepth: 28.11 psig @ 3829.00 ft (KB)
Start Date: 2010.12.18 End Date: 2010.12.19
Start Time: 23:53:42 End Time: 06:45:41

Capacity: 8000.00 psig
Last Calib.: 2010.12.19
Time On Btm: 2010.12.19 @ 02:27:11
Time Off Btm: 2010.12.19 @ 04:29:41

TEST COMMENT: IFP-Weak blow built to 2 in
ISI-Dead no blow back
FFP-Weak blow built to 1 1/4 in
FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1881.00	102.30	Initial Hydro-static
1	48.26	101.88	Open To Flow (1)
32	31.54	102.42	Shut-In(1)
61	1080.22	103.34	End Shut-In(1)
62	46.18	103.15	Open To Flow (2)
91	28.11	104.75	Shut-In(2)
121	1031.85	105.96	End Shut-In(2)
123	1843.13	106.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Mud with a scum of oil	0.35

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp

1600 Stout St
Ste 1500
Denver CO 80202

ATTN: Jim Weber

Millard 25-1

25-11S-24W Trego KS

Job Ticket: 041022 **DST#: 1**

Test Start: 2010.12.18 @ 23:53:41

Tool Information

Drill Pipe:	Length:	3805.00 ft	Diameter:	3.80 inches	Volume:	53.37 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:		62000.00 lb
					Total Volume:	53.37 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		7.00 ft					String Weight:	Initial	56000.00 lb
Depth to Top Packer:		3826.00 ft						Final	56000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		34.00 ft							
Tool Length:		62.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3799.00		
Shut In Tool	5.00			3804.00		
Hydraulic tool	5.00			3809.00		
Jars	5.00			3814.00		
Safety Joint	3.00			3817.00		
Packer	4.00			3821.00	28.00	Bottom Of Top Packer
Packer	5.00			3826.00		
Stubb	1.00			3827.00		
Perforations	2.00			3829.00		
Recorder	0.00	6672	Inside	3829.00		
Recorder	0.00	8321	Outside	3829.00		
Perforations	28.00			3857.00		
Bullnose	3.00			3860.00	34.00	Bottom Packers & Anchor
Total Tool Length:	**62.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp

1600 Stout St
Ste 1500
Denver CO 80202

ATTN: Jim Weber

Millard 25-1

25-11S-24W Trego KS

Job Ticket: 041022 **DST#: 1**

Test Start: 2010.12.18 @ 23:53:41

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

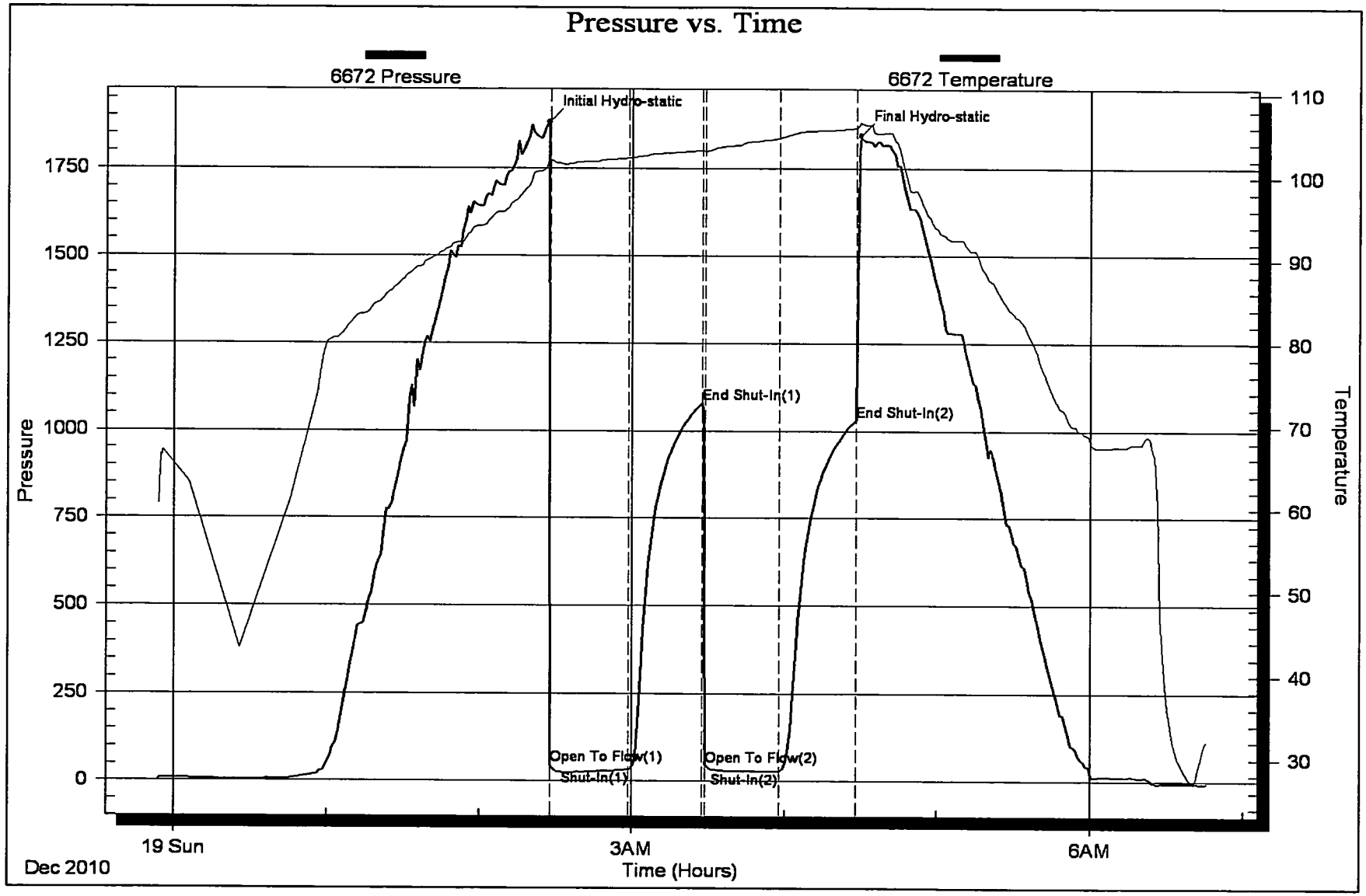
Length ft	Description	Volume bbl
25.00	Mud with a scum of oil	0.351

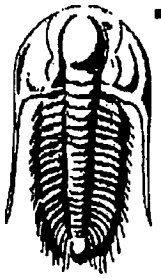
Total Length: 25.00 ft Total Volume: 0.351 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6672 Pressure
6672 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
50
40
30
19 Sun
Dec 2010
3AM
6AM
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp**

1600 Stout St
Ste 1500
Denver CO 80202

ATTN: Jim Weber

25-11S-24W Trego KS

Millard 25-1

Start Date: 2010.12.19 @ 22:51:50
End Date: 2010.12.20 @ 06:54:50
Job Ticket #: 041023 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Coral Production Corp

1600 Stout St
Ste 1500
Denver CO 80202
ATTN: Jim Weber

Millard 25-1

25-11S-24W Trego KS

Job Ticket: 041023 **DST#: 2**

Test Start: 2010.12.19 @ 22:51:50

GENERAL INFORMATION:

Formation: **LKC-H**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:04:20
Time Test Ended: 06:54:50

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44

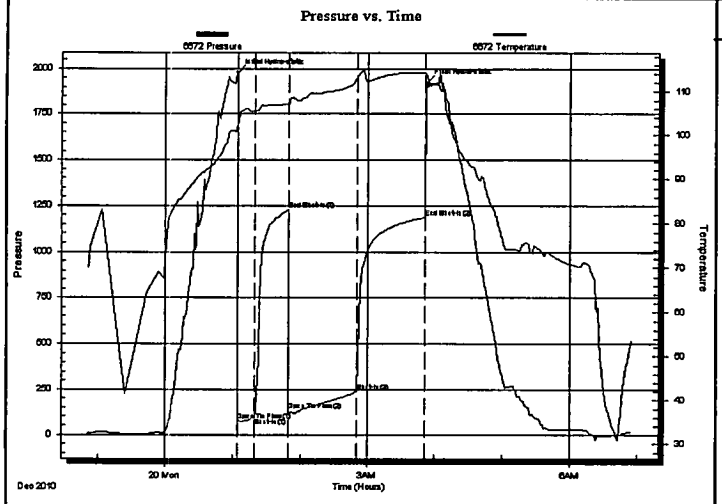
Interval: 3918.00 ft (KB) To 3985.00 ft (KB) (TVD)
Total Depth: 3985.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2394.00 ft (KB)
2384.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6672 **Inside**
Press@RunDepth: 240.53 psig @ 3954.00 ft (KB)
Start Date: 2010.12.19 End Date: 2010.12.20
Start Time: 22:51:51 End Time: 06:54:50

Capacity: 8000.00 psig
Last Calib.: 2010.12.20
Time On Btm: 2010.12.20 @ 01:03:50
Time Off Btm: 2010.12.20 @ 03:52:50

TEST COMMENT: IFP-Strong blow BOB in 6 1/2 min
ISI-Weak blow back built to 2 in
FFP-Strong blow BOB in 3 1/2 min
FSI-Good blow back BOB in 32 1/2 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1979.01	102.41	Initial Hydro-static
1	77.76	101.98	Open To Flow (1)
16	93.92	105.11	Shut-In(1)
45	1228.18	106.95	End Shut-In(1)
46	131.53	106.51	Open To Flow (2)
107	240.53	113.04	Shut-In(2)
168	1187.70	114.27	End Shut-In(2)
169	1922.19	113.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	G Oil 20%G 80%O	4.42
94.00	MO 20%M 80%O	1.32
63.00	MCGO20%G30%M50%O	0.88
63.00	HOCGM 20%G25%O55%M	0.88
0.00	819 GIP	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp

1600 Stout St
Ste 1500
Denver CO 80202
ATTN: Jim Weber

Millard 25-1

25-11S-24W Trego KS

Job Ticket: 041023 **DST#: 2**

Test Start: 2010.12.19 @ 22:51:50

Tool Information

Drill Pipe:	Length:	3897.00 ft	Diameter:	3.80 inches	Volume:	54.66 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:		62000.00 lb
					Total Volume:	54.66 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		7.00 ft					String Weight:	Initial	56000.00 lb
Depth to Top Packer:		3918.00 ft						Final	58000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		67.00 ft							
Tool Length:		95.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3891.00		
Shut In Tool	5.00			3896.00		
Hydraulic tool	5.00			3901.00		
Jars	5.00			3906.00		
Safety Joint	3.00			3909.00		
Packer	4.00			3913.00	28.00	Bottom Of Top Packer
Packer	5.00			3918.00		
Stubb	1.00			3919.00		
Perforations	2.00			3921.00		
Change Over Sub	1.00			3922.00		
Drill Pipe	31.00			3953.00		
Change Over Sub	1.00			3954.00		
Recorder	0.00	6672	Inside	3954.00		
Recorder	0.00	8321	Outside	3954.00		
Perforations	28.00			3982.00		
Bullnose	3.00			3985.00	67.00	Bottom Packers & Anchor
Total Tool Length:	**95.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp

1600 Stout St
Ste 1500
Denver CO 80202

ATTN: Jim Weber

Millard 25-1

25-11S-24W Trego KS

Job Ticket: 041023 **DST#: 2**

Test Start: 2010.12.19 @ 22:51:50

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	22 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	46.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	inches				

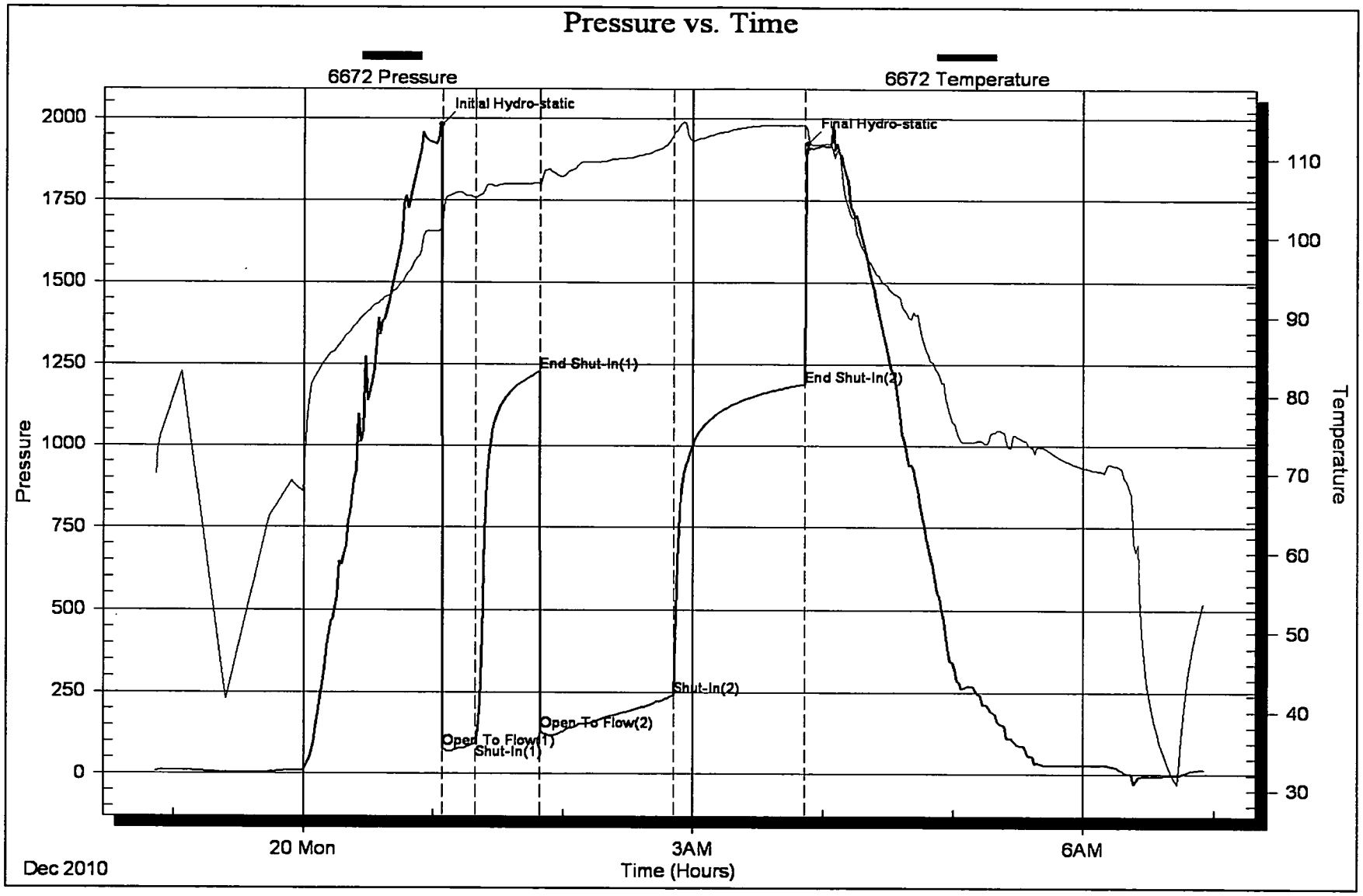
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
315.00	G Oil 20%G 80%O	4.419
94.00	MO 20%M 80%O	1.319
63.00	MCGO20%G30%M50%O	0.884
63.00	HOCGM 20%G25%O55%M	0.884
0.00	819 GIP	0.000

Total Length: 535.00 ft Total Volume: 7.506 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6672 Pressure
6672 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Open To Flow(2)
Open To Flow(1)
Shut-In(1)
Pressure
Temperature
2000
1750
1500
1250
1000
750
500
250
0
110
100
90
80
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Dec 2010
Time (Hours)