

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

INSPECTION RECORD - ABANDONMENT

Case Number COC 55659	State CO.	Field Office CRAIG F.O.	Field Area					
Well Name: NINE MILE	Well Number: 2-1	Hazard? NO						
API No. 0508107103	Location 1/4, 1/4, S-T-R (Lat/Long) NWNE 8N 96W Sec 2	Spud Date	Status TATo ABD					
Operator/Representative TIPPERARY / SANTOS USA	Rig/Contractor/Representative KEY 71 / SUPERIOR WELL SERVICES	CASED HOLE SOLUTIONS (Cementing)						
Well Type: (Circle One) <input type="checkbox"/> Dry Hole <input type="checkbox"/> Depleted Producer <input type="checkbox"/> Service Well <input type="checkbox"/> Water Well <input type="checkbox"/> Other (explain)								
INSP. TYPE PD	ACT. CODE PN	INSPECTOR EAGAN	OPEN DATE 7/11/06	CLOSED DATE 7/13/06	OFFICE TIME 2.0	TRAVEL TIME 6	INSPECT. TIME 18	TRIPS 3

	PLUGGING OPERATIONS			WITNESSED		
	YES	NO	N/A	YES	NO	N/A
1. Plugs spotted across perforations or perforations isolated as approved if casing set?	<input checked="" type="checkbox"/>					
2. Plugs spotted at casing stubs?		<input checked="" type="checkbox"/>				
3. Open hole plugs spotted as approved?		<input checked="" type="checkbox"/>				
4. Retainers, bridge plugs, or packers set as approved?	<input checked="" type="checkbox"/>					
5. Cement quantities as approved?	<input checked="" type="checkbox"/>					
6. Method of verifying and testing plugs as approved?	<input checked="" type="checkbox"/>					
7. Pipe withdrawal rate satisfactory after spotting plugs?	<input checked="" type="checkbox"/>					
8. All annular spaces isolated to surface?	<input checked="" type="checkbox"/>					
9. Surface Cap Witnessed? (Circle one) Above Ground Below Ground					<input checked="" type="checkbox"/>	
10. INC issued?					<input checked="" type="checkbox"/>	

Remarks: **See AFMS5 Remarks**

Cement and mechanical plug placement data (attach service company report, if available):

Inspection / Activities for COC55659

Act	Open Date	Close Date	Inspector	Purchaser/Contractor	Ofc Hrs	Tvl Hrs	Fld Hrs	Trips	Ttl Hrs
PN	07/11/2006	07/13/2006	EAGAN	KEY/ SUPERIOR WELL	2.0	6.0	18.0	3	26.0

Inspection Remarks

Case Number: COC55659 Type: 312021 Case Name: Operator: TIPPERARY OIL & GAS CORP

Insp Type: PD Open Date: 07/11/2006 Close Date: 07/13/2006

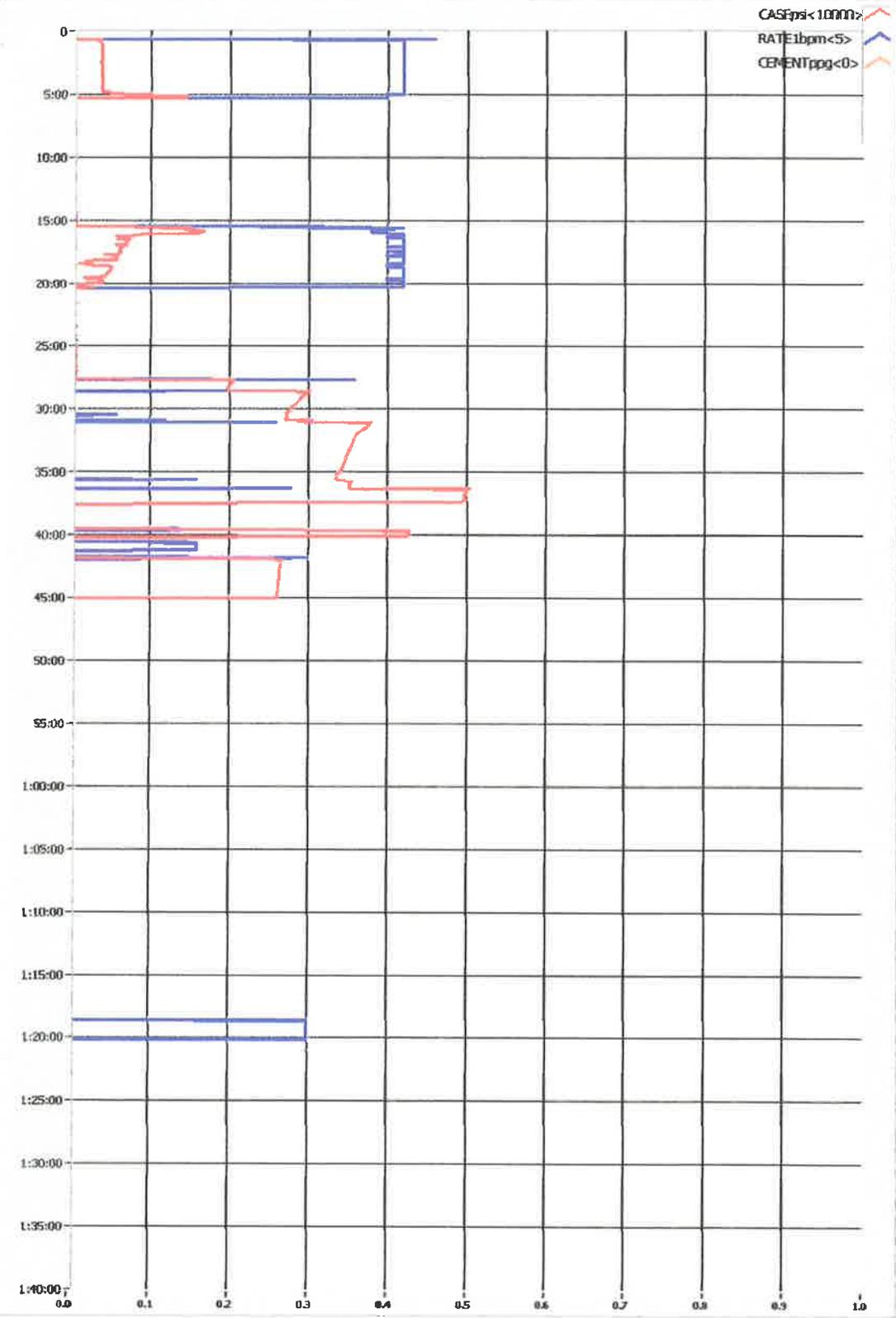
Identifier: PD Date: 07/17/2006 Author: ROBERT EAGAN Subject: INSP Category: GENERAL API / Fac ID: 0508107103 Well / Fac Name: NINE MILE Number: 2-1

Category: GENERAL

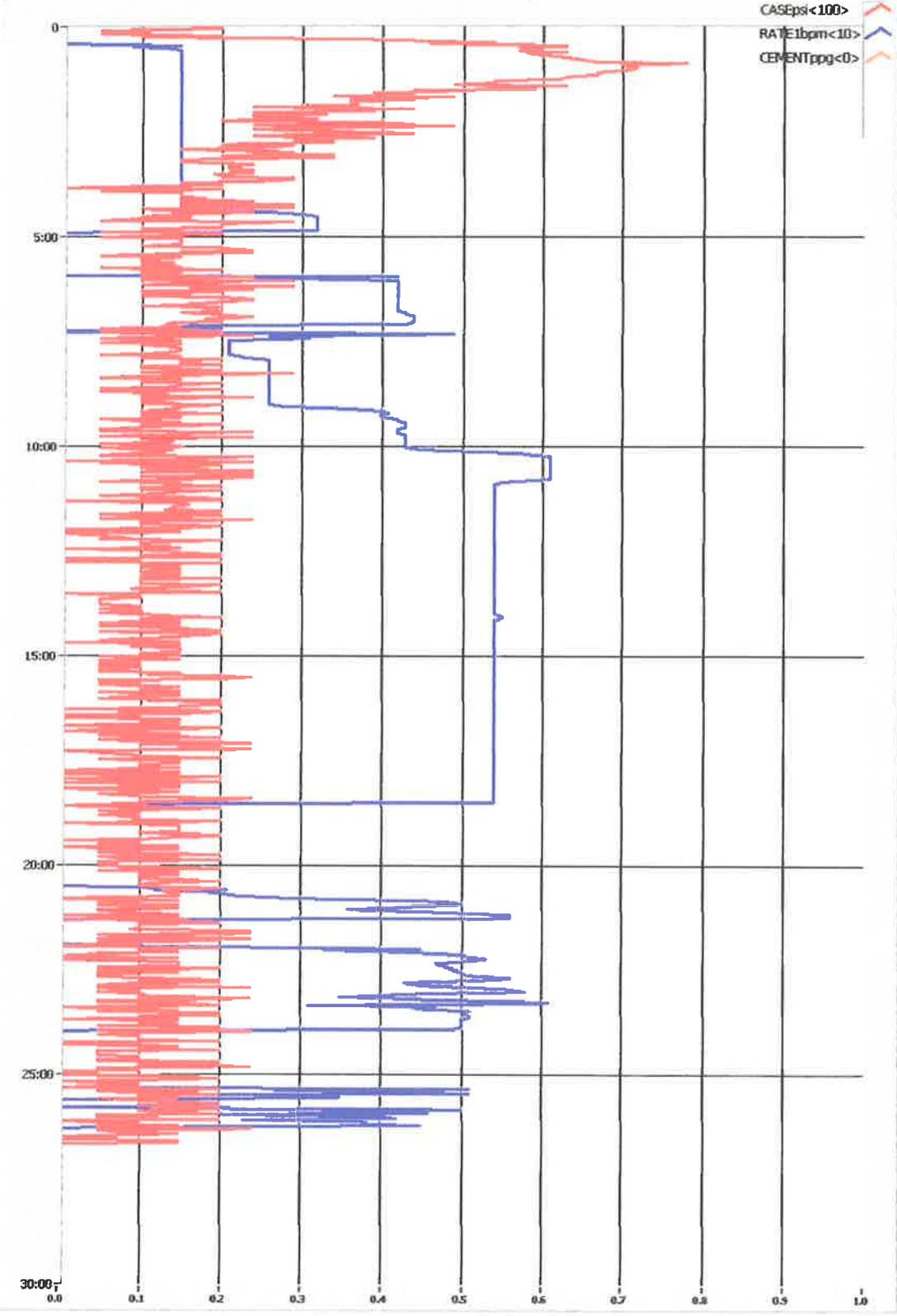
Date: 07/17/2006

PET witnessed 3 days of plugging ops on this well. Cased Hole Solutions the wire line contractor shot 4 holes in 5&1/2" casing at 2065' and set a cement retainer at 2015' and an injection rate was established through backside of annular space of 5&1/2" casing. Stung into retainer on second day and Superior Well Services pumped 70sacks/ 16 4ppg class H cement down tubing but pump pressure went from 2000psi to 4300 psi when cement got to perfs. It was estimated 1/4 bbl cement went through perfs with total of 6 sacks pumped below retainer. They stung out of retainer and reversed out 8 bbls of cement to tank. They went back to retainer and placed a 20 sack plug on top of retainer. On third day they pressured 5&1/2" 1000psi for 15 minutes which held but on pressuring backside annular space they got a pump injection rate of 650psi and 2bbl min so operator pumped a 38 sack cement plug down this space with 93 bbls of displacement and estimated cement top in annular space of 1940'. PET had to leave for drilling inspection so did not witness final surface plug set.

Invoice	:297	Stage	:1 of 1
Date	:Wed 07/12/2006	Start Time	:11:32:53 (11:32 AM)
Customer	:SANTOS USA CORP.	Lease	:NINE MILE 2-1



Invoice	:297	Stage	:2 of 1
Date	:Wed 07/12/2006	Start Time	:13:24:47 (01:24 PM)
Customer	:SANTOS USA CORP.	Lease	:NINE MILE 2-1



Customer :SANTOS USA CORP.

Lease :NINE MILE 2-1

Invoice	:297	Stage	:2 of 1
Date	:Wed 07/12/2006	Start Time	:13:24:47 (01:24 PM)
Customer	:SANTOS USA CORP.	Lease	:NINE MILE 2-1
State	:COLORADO	County	:MOFFAT COUNTY
Engineer	:MIKE STILL	Comments	:
Primary	: 2 7/8;EUE;J 55; 6.50# NEW	Secondary	: 5 1/2; J 55 ; 17.00#
Formation	:VENANGO SAND	Job Type	:CEMENT P.T.A.
Treat Vol	: GAL	Flush Vol	: GAL
Top Int	: FEET	Bottom Int	: FEET
Notch/Perf	: EACH	Comments	:

LOGGED DATA

	Comment	CASEpsi	RATElbpm	s#RATElga	T#RATElga	CEMENTppg
14:42:36	PAUSED	20	0.0	0	0	-5.0

POST JOB COMMENTS

Pumped 10 bbl. Fresh ahead, Mixed and started pumping 14.2 bbl. cement @ 16.4#. Pumped 1.25 bbl. cement out of retainer, well squeezed off to 2000 psi. Mixed and pumped 20 sacks, 3.8 bbl. cement @ 16.4 ontop of retainer

END OF REPORT

Customer :SANTOS USA

Lease :NINE MILE 2-1

Invoice :297B	Stage :1 of 3
Date :Thu 07/13/2006	Start Time :10:20:19 (10:20 AM)
Customer :SANTOS USA	Lease :NINE MILE 2-1
State :COLORADO	County :MOFFAT COUNTY
Engineer :MIKE STILL	Comments :
Primary : 5-1/2; J-55 ; 17.00# - NEW	Secondary : 9-5/8; J-55 ; 36.00# -
Formation :	Job Type :PRESSURE TEST
Treat Vol : BBL	Flush Vol : BBL
Top Int : FEET	Bottom Int : FEET
Notch/Perf : EACH	Comments :

LOGGED DATA

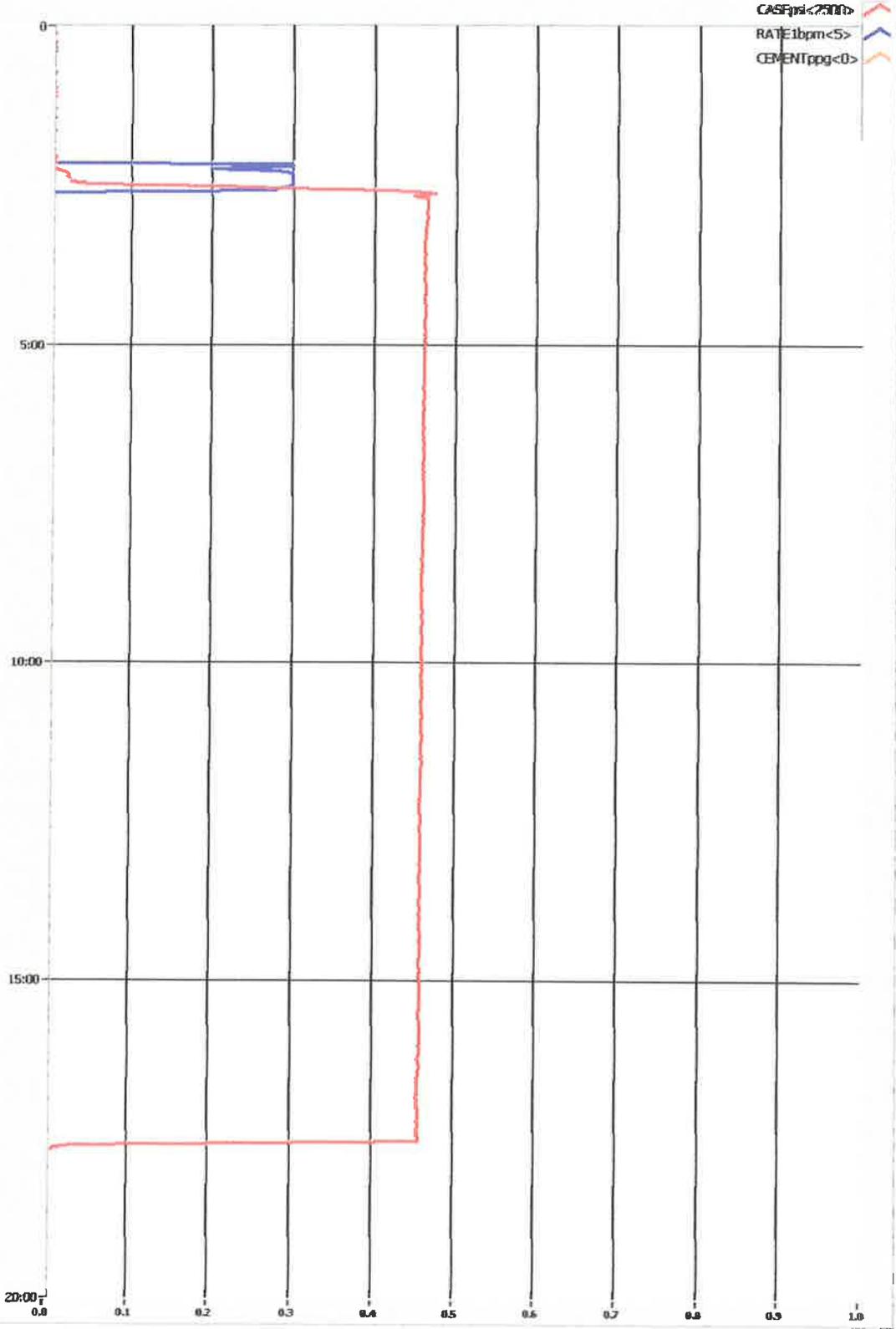
	Comment	CASEpsi	RATElbpm	s#RATElga	T#RATElga	CEMENTppg
12:58:03	PAUSED	0	0.0	0	0	-5.0
12:58:11	TestLine	15	0.0	0	0	-5.0
13:05:39	TestLine	1156	0.0	25	25	-5.0
13:10:07	TestLine	1149	0.0	25	25	-5.0

POST JOB COMMENTS

Pumped .6 bbl. to pressure 5-1/2" casing held 1100 psi for 15 mins.

END OF REPORT

Invoice	:297B	Stage	:1 of 3
Date	:Thu 07/13/2006	Start Time	:10:20:19 (10:20 AM)
Customer	:SANTOS USA	Lease	:NINE MILE 2-1



Customer :SANTOS USA

Lease :NINE MILE 2-1

Invoice	:297B	Stage	:2 of 3
Date	:Thu 07/13/2006	Start Time	:13:19:14 (01:19 PM)
Customer	:SANTOS USA	Lease	:NINE MILE 2-1
State	:COLORADO	County	:MOFFAT COUNTY
Engineer	:MIKE STILL	Comments	:
Primary	: 5-1/2; J-55 ; 17.00# - NEW	Secondary	: 9-5/8; J-55 ; 36.00# -
Formation	:	Job Type	:PRESSURE TEST
Treat Vol	: BBL	Flush Vol	: BBL
Top Int	: FEET	Bottom Int	: FEET
Notch/Perf	: EACH	Comments	:

LOGGED DATA

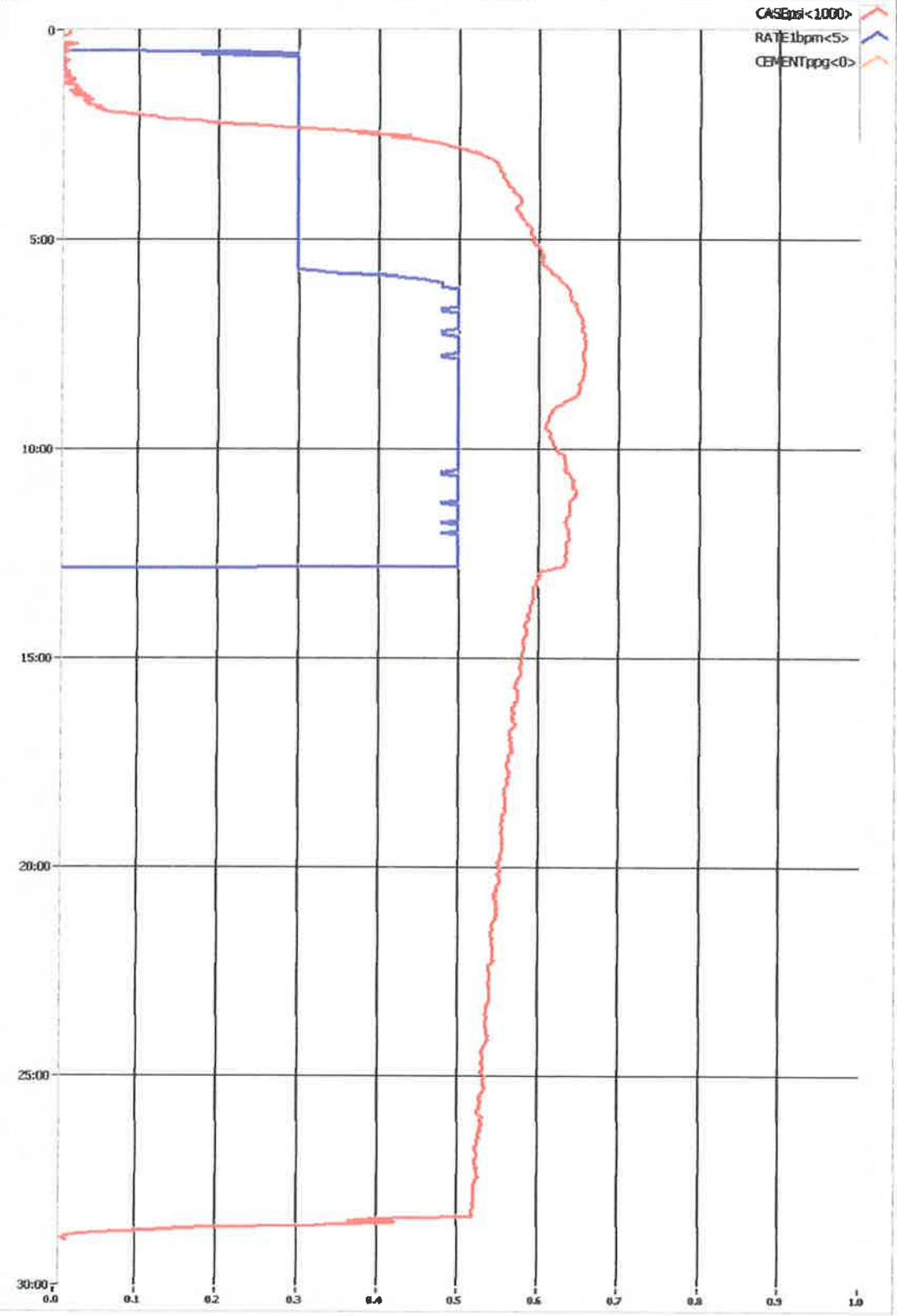
	Comment	CASEpsi	RATElbpn	s#RATElga	T#RATElga	CEMENTppg
13:19:55	PAUSED	15	0.0	0	0	-5.0
13:20:01	TestLine	5	0.0	0	0	-5.0
13:33:51	TestLine	588	0.0	1055	1055	-5.0
13:37:57	TestLine	562	0.0	1054	1054	-5.0
13:43:07	TestLine	540	0.0	1054	1054	-5.0
13:47:33	TestLine	523	0.0	1053	1053	-5.0

POST JOB COMMENTS

Pumped 25 bbl. tried to pressure test, could not get to 1000 psi, held 550 psi for 15 mins.

END OF REPORT

Invoice	:297B	Stage	:2 of 3
Date	:Thu 07/13/2006	Start Time	:13:19:14 (01:19 PM)
Customer	:SANTOS USA	Lease	:NINE MILE 2-1



Customer : SANTOS USA

Lease : NINE MILE 2-1

Invoice	: 297B	Stage	: 3 of 4
Date	: Thu 07/13/2006	Start Time	: 13:50:54 (01:50 PM)
Customer	: SANTOS USA	Lease	: NINE MILE 2-1
State	: COLORADO	County	: MOFFAT COUNTY
Engineer	: MIKE STILL	Comments	:
Primary	: 5-1/2; J-55 ; 17.00# - NEW	Secondary	: 9 5/8; J-55 ; 36.00# -
Formation	:	Job Type	: CEMENT PLUG
Treat Vol	: BBL	Flush Vol	: BBL
Top Int	: FEET	Bottom Int	: FEET
Notch / Perf	: EACH	Comments	:

LOGGED DATA

	Comment	CASEpsi	RATElbp	s#RATElga	T#RATElga	CEMENTppg
15:42 : 40	PAUSED	601	1.5	2	2	6.9

POST JOB COMMENTS

Mixed and Pumped 38 sacks of cement @ 16.4#, pumped 80 bbl. displacement and turned over to rig.

END OF REPORT

Customer :SANTOS USA

Lease :NINE MILE 2-1

Invoice	:298B	Stage	:8 of 2
Date	:Fri 07/14/2006	Start Time	:11:48:02 (11:48 AM)
Customer	:SANTOS USA	Lease	:NINE MILE 2-1
State	:COLORADO	County	:MOFFAT COUNTY
Engineer	:MIKE STILL	Comments	:
Primary	: 5-1/2; J-55 ; 15.50# - NEW	Secondary	: 9-5/8; J-55 ; 36.00# -
Formation	:	Job Type	:PRESSURE TEST
Treat Vol	: GAL	Flush Vol	: GAL
Top Int	: FEET	Bottom Int	: FEET
Notch/Perf	: EACH	Comments	:

LOGGED DATA

	Comment	CASEpsi	RATElbpn	s#RATElga	T#RATElga	CEMENTppg
16:02:58	PAUSED	24	0.0	0	0	0.0
16:03:22	CircWell	15	0.0	0	0	0.0
16:19:42	PAUSED	24	0.0	166	166	7.1

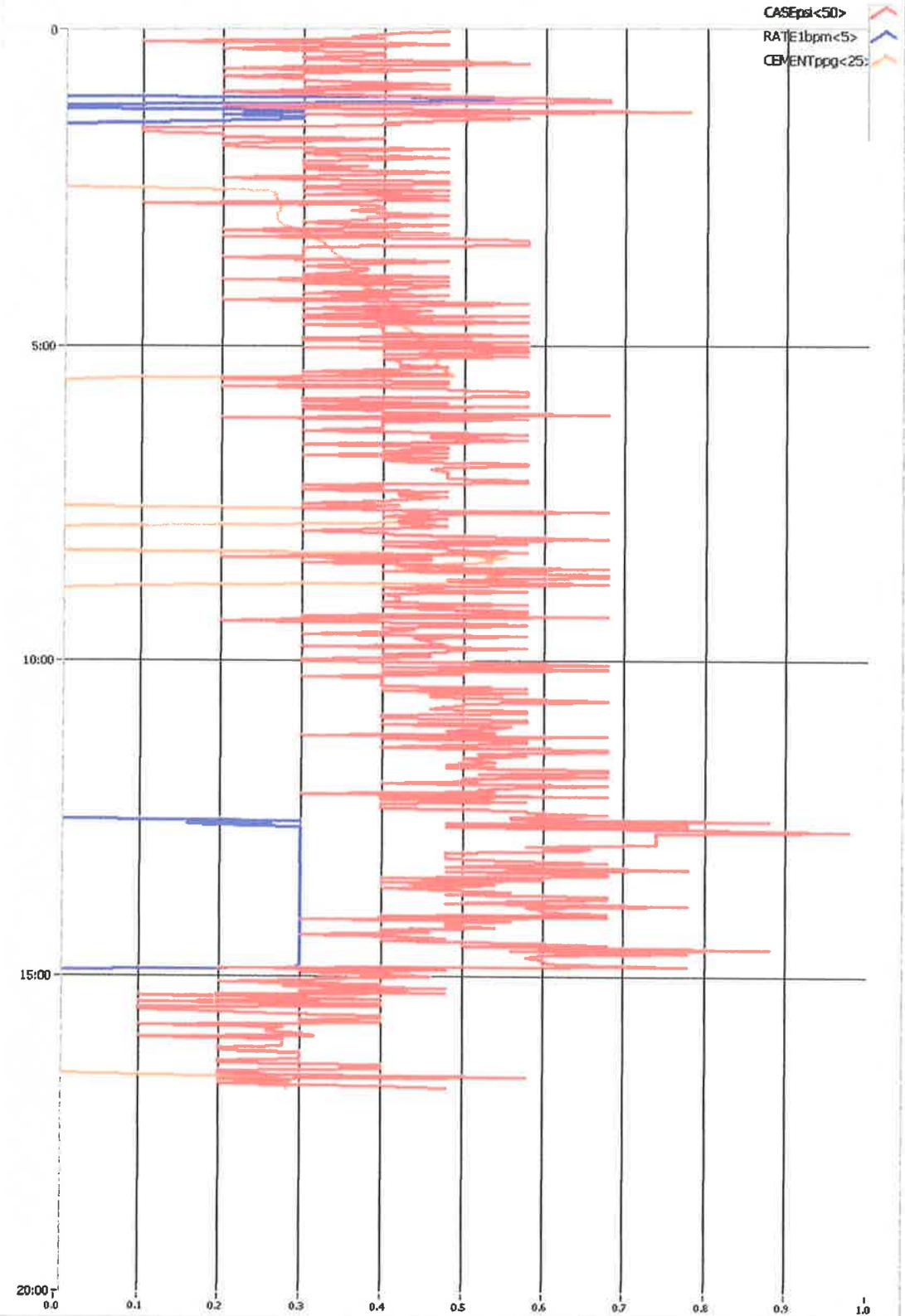
POST JOB COMMENTS

Mixed and pumped 20 sacks, @ 16.4, 3.9 bbls.

END OF REPORT

top surface plug

Invoice	:298B	Stage	: 8 of 2
Date	:Fri 07/14/2006	Start Time	:11:48:02 (11:48 AM)
Customer	:SANTOS USA	Lease	:NINE MILE 2-1



Invoice	:298B	Stage	:6 of 2
Date	:Fri 07/14/2006	Start Time	:11:00:58 (11:00 AM)
Customer	:SANTOS USA	Lease	:NINE MILE 2-1

